



Sensory Scribe



Interactive Assessor Recommendations Guide

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Introduction - What is Sensory Scribe?

Sensory Scribe is an *offline* assistive note-taking tool for Windows. It's designed to help users capture spoken content—like lectures, meetings, or training sessions—in **real time**, automatically converting speech into text.

Unlike cloud-based transcription services, Sensory Scribe works entirely offline, which means it doesn't rely on an internet connection and ensures data privacy and security. No audio or text data is ever uploaded to the cloud, sent to external servers, or stored online. This makes it ideal for **sensitive environments** and its **offline, secure design** makes it especially suitable for students studying or undertaking placement in sensitive or **confidential environments** such as law, healthcare, education, or social care.

Privacy and security are **core strengths** of **Sensory Scribe**, setting it apart from other transcription tools.

Sensory Scribe provides a range of accessibility and productivity features to overcome note-taking difficulties arising from disability related symptoms. Its main functions include:

- **Real-time transcription:** Converts spoken words into written text instantly during a lecture, lesson, or conversation.
- **Speaker differentiation:** Sensory Scribe can identify different speakers for clarity.
- **Automatic note organisation:** transcripts can be saved and organised for easy review later.
- **Offline operation:** Works without internet access, ensuring privacy and usability even in places with poor connectivity.
- **Audio recording and text synchronisation:** Records audio and aligns it with the transcribed text, allowing students to replay and review specific parts.

Key Features of Sensory Scribe

- **Audio recording:** Sensory Scribe records audio directly on a student's own device, ensuring that all verbal content—whether from in-person lectures or online sessions—is securely captured and stored locally. Because it operates entirely offline, there is no dependency on an internet connection, so recordings remain accessible even in low-connectivity environments. This allows students to focus on listening and understanding what is being said, rather than worrying about taking detailed notes in real time. Later, they can review the synchronised transcript and audio to reinforce learning, clarify complex material, or revisit important details.
- **iOS Mobile App:** Sensory Scribe can be accessed from a student's iPhone or iPad, ideal for practical or less traditional teaching settings.
- **Live captions:** Sensory Scribe uses Microsoft's Live Captions accessibility feature to provide instant, offline transcription. The availability of captions can enhance cognition by improving attention span, engagement, comprehension, and information recall — not only for students with a hearing loss, but also for many neurodivergent students and learners with additional needs. Captions can support focus, reduce cognitive load, and make complex or fast-paced spoken material easier to process, helping to reduce the load on working memory and provide a dual channel learning experience. However, Sensory Scribe, goes beyond caption display - it functions as a dedicated note-taking and transcription tool. Therefore, although captions are included, Sensory Scribe is designed for structured note-taking and long-term study use. It helps users revisit lectures, online materials, or meetings with accuracy and privacy, supporting inclusive learning for all disability types and enhancing productivity in research and review tasks.

- **Searchable transcripts:** Sensory Scribe automatically creates searchable transcripts from recorded sessions. This means students can quickly locate key information, topics, or quotes without replaying entire recordings. By typing a word or phrase, learners can instantly navigate to the exact moment in the session where it was discussed, making it far easier to review, revise, and extract key details for assignments or exam preparation. This feature ensures that nothing is missed or lost, even if a student's attention shifts during class or they need to revisit material later. It's particularly beneficial for students who process information more effectively when they can search and re-read content at their own pace, such as those with dyslexia, ADHD, or auditory processing difficulties.
- **Document/presentation uploads:** Enables students to upload presentation slides and other PDF documents alongside their notes and transcripts, ensuring all information is in the same place for cross-reference. During a lecture or presentation, the software can record audio and generate a transcript next to each slide, allowing students to link spoken content with visual materials. This makes it easy to see exactly what was said during each part of the presentation, supporting better contextual understanding and cross-referencing. Students can also annotate the PDF documents to support comprehension.
- **Coloured markers:** users can create rich, multi-sensory notes to refer back to, allowing them to interact with the content after the session and remember key points. It's possible to quickly flag or mark key moments as they happen, so reviewing and summarising later becomes far more efficient. This makes it easier to stay focused in the moment, without the pressure of writing everything down or worrying about missing key points.
- **Enhanced data security:** as audio, transcription and other content stays locally on the user's device nothing is shared outside the

organisation's network. This means that Sensory Scribe can be used to record confidential and sensitive information with no third-party data processing, without breaching data protection policies or ethical standards. This level of security may be especially important for students studying in the following areas:

- Law and Legal Practice: Protects client confidentiality and aligns with professional codes of conduct.
- Healthcare and Medical Placements: Ensures patient data and discussions comply with privacy regulations.
- Education and School Placements: Safeguards information, meeting data protection and safeguarding obligations.
- Social Work and Community Settings: to protect information on service users.

By keeping all processing offline and device-based, Sensory Scribe gives students and organisations confidence that confidential information stays secure.

Who will benefit from Sensory Scribe

Sensory Scribe may support students with:

- **Neurodivergence**

- Dyslexia
- Dyspraxia or Developmental Coordination Disorder (DCD)
- Dyscalculia
- Dysgraphia
- Speech and language difficulties
- Attention deficit hyperactivity disorder (ADHD)
- Autistic Spectrum Disorder (ASD) / Aspergers

Neurodivergent students often experience challenges with attention, information processing, working memory, and note-taking in fast-paced teaching environments. Lectures and seminars can involve large amounts of spoken information delivered quickly, making it difficult to listen, process, and write notes at the same time.

Sensory Scribe helps by reducing cognitive load and providing structured, accessible notes automatically, allowing students to engage with content in the way that best suits their learning profile.

- **Mental Health conditions**

- Anxiety
- Depression
- Post Traumatic Stress Disorder (PTSD)
- Obsessive Compulsive Disorder (OCD)
- Borderline Personality Disorder (BPD)

These diagnoses can bring difficulties with focus, attention span and engagement.

- **Physical disabilities/Unseen disability**

- Arthritis
- Scoliosis

- Sciatica
- Raynaud's syndrome
- Fibromyalgia
- ME / Chronic Fatigue Syndrome (CFS)
- Sickle cell anaemia
- Long Covid
- Multiple Sclerosis (MS)
- Brain injury
- Sickle cell anaemia
- Postural orthostatic tachycardia syndrome (POTS)

Physical disabilities can cause problems of fatigue, poor concentration and/or with the mechanics of writing or typing.

- **Visual difficulties**

- Glaucoma
- Keractaconus
- Migraine (with aura)
- Diabetic retinopathy
- Multiple sclerosis
- Strabismus

Visual difficulties can cause partial sight, visual distortion, sensitivity to light, or difficulty maintaining focus on visual materials such as whiteboards, blackboards, and presentation screens. These are common teaching tools, but they rely heavily on visual access - creating a disadvantage for learners with reduced or variable vision.

- **Hearing loss**

- Bilateral hearing loss
- Tinnitus
- Misophonia
- Phonophobia

Students who are deaf or hard of hearing often face barriers accessing spoken information in lectures, seminars, or group discussions — especially when live captions, interpreters, or assistive listening devices are not always available or reliable.

Sensory Scribe provides a practical and inclusive solution by offering real-time transcription and recording, enabling equal access to spoken content. Experiencing difficulties with hearing what is said can lead to increased focus on interpreting words rather than understanding and processing their meaning.

Areas of study where Sensory Scribe can be recommended

Neurodivergence

Reading and Research

- When conducting research, the nuances of the condition can mean that online learning environments are challenging. Increasingly, students supplement their studies with independent online resources. Videos and Webinars can act as valuable sources, however, the information delivery is fast paced and difficult to follow. Captions are not always available and they often lack accurate transcripts, making them harder to follow, especially for students who are neurodivergent. **Sensory Scribe** helps make online learning and independent research tasks more accessible by providing real-time captions and transcripts that convert speech to text directly on the student's device. Captions also provide a visual anchor, helping with poor attention. Transcripts can also be read aloud using text-to-speech software, such as *Sensory Readable*.

Writing and Reviewing Academic Work

- Neurodivergent students, including individuals with ADHD, autism and/or dyslexia can often experience challenges with listening, note-taking, and structuring information for academic writing. Lecture notes are often used as the building blocks for assignments. **Sensory Scribe** provides real-time transcription of teaching sessions; these searchable transcripts can make it easier to identify key points from lectures and thereby retrieve information for essays, research, or revision. In this way, these searchable transcripts act as a foundation for writing assignments, helping students to organise ideas, gather evidence, and build arguments from their course content. Having access to spoken material in written form supports comprehension and planning.
- **Sensory Scribe** also allows students to record their own spoken thoughts, reflections, or essay ideas, turning verbal thinking into text
- Combining real-time transcription, searchable notes, alongside the

ability to annotate slides and to record personal reflections, can bridge the gap between spoken learning and written expression. Recorded and transcribed materials form a solid base for essays and assignments, supporting students who may struggle to gather or recall key information from lectures and/or independent research.

Note-taking in Lectures and Seminars

- Due to the nature of the disability, traditional note-taking is challenging. It is difficult to listen and take notes simultaneously; listening, processing spoken information, and writing notes at the same time can be cognitively demanding and lead to gaps in understanding. **Sensory Scribe** allows students to concentrate on comprehension during class, then review and organise notes afterward in a structured, accessible way, improving understanding, memory, and academic confidence.
- **Sensory Scribe** can be used in in-person, online, or hybrid sessions, capturing spoken content regardless of setting or teaching method via a Windows computer or using the iOS app, offering flexibility.
- By removing the multitasking burden of listening and writing, **Sensory Scribe** helps students to maintain focus and comprehension throughout a lecture.
- It is possible to upload presentation slides, PDFs, or other documents and add recordings side by side, keeping all relevant information together for easy cross-reference. It is also possible to add annotations to the slides to reinforce understanding.
- By combining transcripts, notes, and slides in a single view, students can quickly review explanations connected to specific visuals, improving comprehension, revision, and information recall. This feature is particularly helpful for neurodivergent learners and students with memory or processing challenges, who benefit from having related content clearly connected and structured.
- Searchable transcripts make it easy to find and review key information quickly.
- **Sensory Scribe** includes options to adjust background and contrast colours, allowing students to personalise the visual display of transcripts and captions to meet their individual

accessibility needs, aiding concentration. This is also helpful where visual stress is present.

Time management and organisation

- The use of **Sensory Scribe** for note-taking can help students manage their time and stay organised by streamlining the way notes are captured, stored, and reviewed. Audio, transcripts, and uploaded documents (such as slides or PDFs) are saved together in one place, so materials are neatly structured and easy to locate.
- The ability to search through transcripts by keyword saves valuable time when reviewing notes for assignments or exam revision, it reduces the need to rewatch recordings or sift through pages of handwritten notes.
- Because transcripts are complete and accurate, less time is spent trying to fill in gaps or re-write notes.

Practical Sessions, Placements, Field Trips and Additional Course Activities

- Practical teaching sessions, field trips, and placements often involve fast-paced, spoken instructions, demonstrations, and contextual information that can be difficult to capture through traditional note-taking. **Sensory Scribe** supports students by ensuring important verbal content is accurately recorded, transcribed, and stored securely. This helps students concentrate fully on hands-on activities without missing key information or safety details. Afterwards, the transcript and audio can be reviewed to consolidate learning, reflect on performance, and/or complete follow-up assignments.
- On placements (for example, in schools, hospitals, legal offices, or social care settings), **Sensory Scribe** provides a secure and private way to take notes about learning experiences or reflective practice. Because the application works entirely offline, no data is uploaded or shared externally, ensuring compliance with confidentiality policies. This is particularly important when students may be exposed to sensitive information.

Examinations and Timed Assessments

- Students can review transcripts and recordings at their own pace, supporting deeper learning and memory consolidation.

Mental Health conditions

Reading and Research

- Increasingly, students supplement their studies with independent online resources such as webinars, YouTube videos, educational podcasts, or recorded research talks. While these materials can be valuable for deepening understanding, they often lack accurate captions or transcripts, making them harder to follow, especially for students who experience mental health-related concentration difficulties. Students experiencing mental health challenges can often find it difficult to concentrate, retain information, or manage long periods of research sessions. Periods of low motivation, fatigue, or heightened anxiety can also affect the ability to take comprehensive research notes from the type of content. **Sensory Scribe** bridges this gap by converting spoken content from any online source into real-time captions and searchable transcripts on a student's own device.

Writing and Reviewing Academic Work

- For students managing mental health conditions, **Sensory Scribe** offers a practical and reassuring way to capture, organise, and revisit academic content. Students managing mental health difficulties may experience challenges with concentration, energy levels, memory, and information processing. These factors can make it harder to retain key ideas, stay organised, and translate complex information into written assignments. Because information gathered from online independent research, lectures, and recorded teaching sessions forms the foundation of essays and assignments, having accurate, complete, and accessible notes is essential. **Sensory Scribe** helps students capture and organise this information by recording and transcribing lectures, webinars, and other academic materials. This provides a reliable base for writing tasks even during periods of low motivation or fatigue.
- **Sensory Scribe** provides real-time transcription of teaching sessions; these searchable transcripts can make it easier to identify key points from lectures and thereby retrieve information for essays, research, or revision. In this way, these searchable transcripts act as a foundation for writing assignments, helping students to organise

ideas, gather evidence, and build arguments from their course content. Having access to spoken material in written form supports comprehension and planning.

- **Sensory Scribe** also allows students to record their own spoken thoughts, reflections, or essay ideas, turning verbal thinking into text
- Combining real-time transcription, searchable notes with the ability to annotate slides and to record personal reflections, can bridge the gap between spoken learning and written expression.
- Recorded and transcribed materials form a solid base for essays and assignments, supporting students who may struggle to gather or recall key information from teaching sessions and/or independent research.

Note-taking in Lectures and Seminars

- Students experiencing mental health difficulties may struggle with concentration, fatigue, memory lapses, and information overload, which can make traditional note-taking particularly challenging. Trying to listen, understand, and write simultaneously can increase anxiety and lead to missed details or disorganised notes. **Sensory Scribe** reduces this pressure by automating the note-taking process, allowing students to focus on understanding rather than capturing every word. Students can focus on listening and engagement, knowing they will have access to a complete and reliable record of a lecture for later review.
- Transcripts can be revisited in short, manageable steps, helping to process and retain information gradually rather than all at once, reducing overwhelm.
- **Sensory Scribe** allows students to concentrate on comprehension during class, then review and organise notes afterward in a structured, accessible way, improving understanding, memory, and academic confidence.
- **Sensory Scribe** can be used in in-person, online, or hybrid sessions, capturing spoken content regardless of setting or teaching method via a Windows computer or using the iOS app,

offering flexibility. Scribe Mobile allows students to capture teaching sessions on their iOS mobile device and transfer to the Scribe desktop app for later review

- The use of **Sensory Scribe** can also help to reduce the continuous use of a computer during teaching sessions by recording and transcribing audio in the background. For students managing mental health conditions, this can lessen the pressure to stay constantly engaged and also allows for focus away from the screen/device.
- By removing the multitasking burden of listening and writing, **Sensory Scribe** helps students to maintain focus and comprehension throughout a lecture.
- It is possible to upload presentation slides, PDFs, or other documents and add recordings side by side, keeping all relevant information together for easy cross-reference. Annotations can also be added to slides to reinforce learning.
- By combining transcripts, notes, and slides in a single view, students can quickly review explanations connected to specific visuals, improving comprehension, revision, and information recall. This feature is particularly helpful for students with memory or processing challenges, who benefit from having related content clearly connected and structured.
- Searchable transcripts make it easy to find and review key information quickly.
- **Sensory Scribe** includes options to adjust background and contrast colours, this will enable an individual to read and review notes more comfortably for longer periods, improving focus, comprehension and wellbeing.

Time management and organisation

- Students experiencing mental health conditions may find it difficult to organise their workload, manage deadlines, or maintain consistent study routines. Fluctuating energy levels, reduced concentration, and feelings of overwhelm can make it hard to take effective notes, keep track of information, or return to unfinished work. Sensory Scribe supports time management by providing a structured, reliable way to capture and organise information automatically, allowing students to

make better use of their study time and reduce stress. Audio, transcripts, and uploaded documents (such as slides or PDFs) are saved together in one place, so materials are neatly structured and easy to locate.

- The ability to search through transcripts by keyword saves valuable time when reviewing notes for assignments or exam revision, it reduces the need to rewatch recordings or sift through pages of handwritten notes.
- Because transcripts are complete and accurate, less time is spent trying to fill in gaps or re-write notes.
- By simplifying how information is captured, reviewed, and organised, **Sensory Scribe** allows individuals to work more flexibly, prioritise effectively, and reduce the anxiety that often comes with trying to keep up with academic demands.

Practical Sessions, Placements, Field Trips and Additional Course Activities

- The presence of a mental health condition can make placements, field trips, and practical sessions especially challenging due to new environments, social interactions, fatigue, anxiety, and the pressure to process spoken instructions in real time. These settings often require students to listen, observe, and participate simultaneously, which can be overwhelming. **Sensory Scribe** supports students by ensuring important verbal content is accurately recorded, transcribed, and stored securely. This can help to reduce anxiety knowing that important information is safely recorded. This can also help to reduce stress and promote engagement without the pressure to remember everything. Students can then concentrate fully on hands-on activities without missing key information or safety details. Afterwards, the transcript and audio can be reviewed to consolidate learning, reflect on performance, and/or complete follow-up assignments.
- On placements (for example, in schools, hospitals, legal offices, or social care settings), **Sensory Scribe** provides a secure and private way to take notes about learning experiences or reflective practice. Because the application works entirely offline, no data is uploaded or shared externally, ensuring compliance with confidentiality policies. This is particularly important when students may be exposed to

sensitive information.

Examinations and Timed Assessments

- Students can review transcripts and recordings at their own pace, supporting deeper learning and memory consolidation when undertaking examination revision.

Physical disabilities/Unseen disability

Reading and Research

- Students with physical or unseen disabilities, including conditions that cause chronic pain, fatigue, mobility limitations, or fluctuating health, may find independent online research particularly challenging. Increasingly, students supplement their studies with independent online resources such as webinars, YouTube videos, educational podcasts, or recorded research talks. While these materials can be valuable for deepening understanding, they often lack accurate captions or transcripts, and are fast-paced, making them harder to follow due to underlying symptoms. These symptoms can make it difficult to engage with this type of content and/ or take detailed research notes. **Sensory Scribe** bridges this gap by converting spoken content from any online source into real-time captions and searchable transcripts on a student's own device.

Writing and Reviewing Academic Work

- Because information gathered from independent research, lectures, and recorded teaching sessions forms the foundation of essays and coursework, having accurate, complete, and easily accessible notes is essential. **Sensory Scribe** supports this process by recording and transcribing lectures, webinars, and online materials, allowing students to review, annotate, and build upon content at their own pace. This provides a reliable foundation for writing tasks. Students with long-term health conditions may experience pain, fatigue, or fluctuating energy and concentration, impacting performance. Ongoing or fluctuating symptoms can affect the ability to retain key information, stay organised, and develop written assignments effectively.
- **Sensory Scribe** provides real-time transcription of teaching sessions; these searchable transcripts can make it easier to identify key points from lectures and thereby retrieve information for essays, research, or revision. In this way, these searchable transcripts act as a foundation for writing assignments, helping students to organise ideas, gather evidence, and build arguments from their course

content. Having access to spoken material in written form supports comprehension and planning.

- **Sensory Scribe** also allows students to record their own spoken thoughts, reflections, or essay ideas, turning verbal thinking into text
- Combining real-time transcription and searchable notes with the ability to annotate slides and to record personal reflections, can bridge the gap between spoken learning and written expression.
- Recorded and transcribed materials form a solid base for essays and assignments, supporting students who may struggle to gather or recall key information from teaching sessions and/or independent research.

Note-taking in Lectures and Seminars

- Students with physical or unseen disabilities may experience pain, fatigue, mobility limitations, or fluctuating energy levels, which can make traditional note-taking physically demanding and cognitively tiring. Trying to listen, process information, and write or type simultaneously can increase fatigue and result in missed or incomplete notes. **Sensory Scribe** aids note-taking difficulties through audio capture, there is less need for manual note-taking and its use allows students to focus on understanding rather than writing or typing every word. Writing notes can be physically exhausting or impossible for some. With Sensory Scribe, students can focus on listening and engagement, knowing they will have access to a complete and reliable record of a lecture for later review.
- Transcripts can be revisited in short, manageable steps, helping to process and retain information gradually rather than all at once, helpful where energy levels fluctuate or where brain fog is present.
- **Sensory Scribe** allows students to concentrate on comprehension during class, then review and organise notes afterward in a structured, accessible way, improving understanding, memory, and academic confidence.
- **Sensory Scribe** can be used in in-person, online, or hybrid sessions, capturing spoken content regardless of setting or

teaching method via a Windows computer or using the iOS app, offering flexibility. Scribe Mobile allows students to capture teaching sessions on their iOS mobile device and transfer to the Scribe desktop app for later review

- The use of **Sensory Scribe** can also help to reduce the continuous use of a computer during teaching sessions by recording and transcribing audio in the background. For students with physical disabilities, reduced screen and keyboard use helps prevent pain or discomfort caused by prolonged computer use. For those with conditions like migraines, visual stress, or chronic fatigue, limiting screen exposure helps manage symptoms and maintain concentration.
- By removing the multitasking burden of listening and writing, **Sensory Scribe** helps students to maintain focus and comprehension throughout a lecture.
- It is possible to upload presentation slides, PDFs, or other documents and add recordings side by side, keeping all relevant information together for easy cross-reference. Annotations can also be added to slides to help reinforce meaning.
- By combining transcripts, notes, and slides in a single view, students can quickly review explanations connected to specific visuals, improving comprehension, revision, and information recall. This feature is particularly helpful for students with poor concentration, memory or processing challenges, who benefit from having related content clearly connected and structured.
- Searchable transcripts make it easy to find and review key information quickly.
- **Sensory Scribe** includes options to adjust background and contrast colours, this will enable an individual to read and review notes more comfortably for longer periods, improving focus and comprehension

Time management and organisation

- Students with physical and unseen disabilities often face additional challenges with time management and organisation due to factors such as fatigue, pain, attention difficulties, or difficulties processing information quickly. **Sensory Scribe** can play a valuable role in

addressing these challenges. By automatically recording and transcribing lessons, Sensory Scribe saves students time that would otherwise be spent on extensive note-taking and/or re-reading and reviewing notes. Audio, transcripts, and uploaded documents (such as slides or PDFs) are saved together in one place, so materials are neatly structured and easy to locate.

- The ability to search through transcripts by keyword saves valuable time when reviewing notes for assignments or exam revision, it reduces the need to rewatch recordings or sift through pages of handwritten notes. For students with physical disabilities, **Sensory Scribe** reduces the physical effort and time needed to create and manage notes.
- For individuals with unseen disabilities, such as chronic fatigue, **Sensory Scribe** provides structure and reliability, reducing stress and supporting consistent study habits.
- Because transcripts are complete and accurate, less time is spent trying to fill in gaps or re-write notes, helpful where energy levels fluctuate and symptoms are unpredictable.
- By simplifying how information is captured, reviewed, and organised, **Sensory Scribe** allows individuals to work more flexibly, prioritise effectively, and reduce the associated anxiety that often comes with trying to keep up with academic demands and that can exacerbate symptoms.

Practical Sessions, Placements, Field Trips and Additional Course Activities

- The presence of a physical or unseen disability can make placements, field trips, and practical sessions especially challenging due to symptoms such as fatigue, poor concentration and the pressure to process spoken instructions in real time. Non-traditional teaching can pose barriers for students with physical and unseen disabilities due to physical limitations, sensory challenges, or information overload. Tools like **Sensory Scribe** and **Scribe Mobile** promote inclusion by reducing physical effort, capturing information accurately, and supporting organisation and reflection, thereby enabling students to fully participate and succeed in all learning environments. These settings often require students to listen,

observe, and participate simultaneously, which can be challenging.

- **Sensory Scribe** supports students by ensuring important verbal content is accurately recorded, transcribed, and stored securely. This can help to reduce anxiety knowing that important information is safely recorded. This can also help to reduce stress and promote engagement without the pressure to remember everything. Students can then concentrate fully on hands-on activities without missing key information or safety details. Afterwards, the transcript and audio can be reviewed to consolidate learning, reflect on performance, and/or complete follow-up assignments.
- **Scribe Mobile** allows recording through an IOS smartphone or tablet, which is ideal for field trips or placements where carrying a laptop isn't practical. This provides consistent support in any environment, ensuring students don't miss critical information. Where an individual experiences physical and cognitive strain, for example where a physical disability is present, its use removes the need to hold pens, type, or carry heavy notebooks.
- For those with unseen disabilities, the use of **Sensory Scribe** and **Sensory Mobile** reduces memory load and stress, helping to stay organised and calm.
- On placements (for example, in schools, hospitals, legal offices, or social care settings), **Sensory Scribe** provides a secure and private way to take notes about learning experiences or reflective practice. Because the application works entirely offline, no data is uploaded or shared externally, ensuring compliance with confidentiality policies. This is particularly important when students may be exposed to sensitive information.

Examinations and Timed Assessments

- Students can review transcripts and recordings at their own pace, supporting deeper learning and memory consolidation when undertaking examination revision. The ability to revisit and summarise information supports structured learning.

Visual difficulties

Reading and Research

- Students with vision loss may find independent online research particularly challenging. Increasingly, students supplement their studies with independent online resources such as webinars, YouTube videos, educational podcasts, or recorded research talks. For students with partial sight, **Sensory Scribe** can enhance accessibility by converting audio from online content into searchable, transcripts. Sensory Scribe can record and transcribe spoken content from webinars, lectures, and videos. The resulting transcript can be enlarged, reformatted, or read aloud using screen magnifier/readers or text-to-speech software, allowing access to information in a way that suits unique visual needs. Using Sensory Scribe in this way can reduce screen dependency.

By listening to the audio recording instead of reading directly from the screen, this can reduce eye strain and screen fatigue - it's possible to engage with material through audio review, which is often easier and less tiring than continuous visual focus.

- This strategy also allows for easier information organisation and retrieval. The transcript generated by **Sensory Scribe** can be searched by keyword to quickly find relevant information without having to visually scan long videos or documents. This greatly improves efficiency when conducting research or preparing assignments.
- The use of **Sensory Scribe** offers flexibility in study methods. It is possible to switch between audio and text formats, making studying more accessible and personalised. Sensory Scribe includes options to adjust background and contrast colours, this will enable an individual to read and review notes more comfortably for longer periods, improving focus and comprehension. Using other assistive software transcripts can also be annotated or highlighted using screen magnification tools or text to speech/reader software to have sections read aloud for comprehension and review. Sensory Scribe bridges this gap by converting spoken content from any online source into real-time captions and searchable transcripts on a student's own

device.

Writing and Reviewing Academic Work

- Because information gathered from independent research, lectures, and recorded teaching sessions forms the foundation of essays and coursework, having accurate, complete, and easily accessible notes is essential. **Sensory Scribe** supports this process by recording and transcribing lectures, webinars, and online materials, allowing students to review, annotate, and build upon content at their own pace. This provides a reliable foundation for writing tasks. For a student with partial sight, writing and reviewing academic work can be challenging due to visual fatigue, difficulty reading from screens, and the time needed to process large amounts of visual information. Sensory Scribe can significantly support this process through its ability to record and transcribe lectures, seminars, and online content such as webinars or videos.
- By converting spoken information into accurate, accessible text, Sensory Scribe allows students to review material without relying on continuous screen use. The transcripts can be enlarged, reformatted, or read aloud using screen readers/magnifiers or text-to-speech software, making research and note review more manageable. This reduces the need for excessive scrolling or visual focus, helping to prevent eye strain and fatigue.
- Transcripts can be customised to suit individual visual needs, for example by changing the background colour, contrast, or text size to reduce glare and eye strain. Students can also use screen readers or text-to-speech tools to listen to their transcripts rather than reading visually, allowing for flexible, multimodal learning.
- Furthermore, Sensory Scribe enables students to add their own spoken notes and reflections by voice, helping them to capture ideas, summaries, and essay plans without needing to type or focus on the screen. This supports independent essay writing, research organisation, and review, while minimising visual effort and maximising productivity.
- Combining real-time transcription, searchable notes and the ability to record personal reflections, can bridge the gap between spoken

learning and written expression.

- Recorded and transcribed materials form a solid base for essays and assignments, supporting students who may struggle to gather or recall key information from teaching sessions and/or independent research.

Note-taking in Lectures and Seminars

- Students with vision loss often experience significant barriers in traditional teaching environments where much of the information is presented visually, such as blackboards, whiteboards, and/or PowerPoint slides. These visual materials can be difficult or impossible to read, particularly when seated at a distance. As a result, keeping up with note-taking can be challenging, and important visual information may be missed. **Sensory Scribe** and **Sensory Mobile** can help to address these barriers by recording audio in teaching sessions and automatically producing high-quality transcriptions. This means it is possible to focus on listening and understanding rather than struggling to take visual notes in real time. The transcribed text can later be enlarged, reformatted, or used with screen readers or text-to-speech tools, making the material accessible in a format that suits their vision needs.
- **Sensory Mobile** adds portability, allowing recordings to be made in any learning environment, including labs, workshops, or field trips, where visual materials may be presented quickly or verbally explained. Students can also add their own spoken notes or voice annotations to complement the transcript, helping them capture details that replace or enhance inaccessible visual information.
- By reducing reliance on visual materials and manual note-taking, these tools promote independence, inclusion, and effective learning. They ensure that students with visual impairments can fully participate in teaching sessions and review accurate, accessible notes at their own pace.
- Searchable transcripts resulting from lecture recordings make it easy to find and review key information quickly.
- **Sensory Scribe** includes options to adjust background and contrast colours, this will enable an individual to read and review

notes more comfortably for longer periods, improving focus and comprehension.

Time management and organisation

- **Sensory Scribe** enhances time management and organisation for students with vision loss by providing searchable, accessible transcripts, reducing visual workload, enabling flexible, efficient study routines.
- Students with vision loss often face additional challenges with time management and organisation, particularly when working with visual materials, navigating digital resources, or managing multiple documents and deadlines. Tasks such as reading, note-taking, and reviewing learning materials can take significantly longer, leading to increased visual fatigue and time pressure. **Sensory Scribe** can play a key role in addressing these difficulties by automatically recording and transcribing lectures and online content. This reduces the time spent trying to take manual notes or locate key information within recordings. The searchable transcripts allow students to quickly find specific topics or quotes, streamlining the research and revision process.
- Because the transcribed content can be read aloud using screen readers or converted into audio summaries, students can review material efficiently while managing their study time more flexibly. Additionally, **Sensory Scribe** helps students keep learning materials organised in one accessible place, reducing confusion and cognitive load.
- By simplifying access to information and reducing time spent on repetitive or visually demanding tasks, **Sensory Scribe** supports students with vision loss in planning, prioritising, and completing academic work more effectively and independently.

Practical Sessions, Placements, Field Trips and Additional Course Activities

- Students with vision loss often face additional challenges during practical sessions, placements, field trips, and other hands-on learning activities. These environments frequently rely on visual

instructions, demonstrations, and environmental cues, such as visual presentations, diagrams, equipment displays, or non-verbal gestures. As a result, important information can be missed if it is not provided in an accessible auditory format. Navigating unfamiliar spaces and managing materials can also make note-taking difficult during active participation. **Sensory Scribe** and **Sensory Mobile** can help by recording spoken instructions, discussions, and demonstrations, ensuring that no key information is lost. The automatic transcription of audio recordings provides an accurate written record that students can later review using screen readers or text-to-speech software, supporting full understanding and reflection after the session.

- The **Sensory Mobile** iOS app offers flexibility and portability, allowing students to record wherever they are in a lab, workplace, or outdoor setting, without relying on visual note-taking. Students can also add voice notes to record their own observations or reminders, which helps with organisation, reflective learning, and report writing once the activity is complete.
- By reducing reliance on visual note-taking and ensuring accessible access to recorded information, these tools promote independence, inclusion, and equal participation for students with vision loss in all practical and experiential learning environments.
- **Sensory Scribe** supports students by ensuring important verbal content is accurately recorded, transcribed, and stored securely. This can help to reduce anxiety knowing that important information is safely recorded. This can also help to reduce stress and promote engagement without the pressure to remember everything. Students can then concentrate fully on hands-on activities without missing key information or safety details. Afterwards, the transcript and audio can be reviewed to consolidate learning, reflect on performance, and/or complete follow-up assignments.
- **Scribe Mobile** allows recording through an IOS smartphone or tablet, which is ideal for field trips or placements where carrying a laptop isn't practical. This provides consistent support in any environment, ensuring students don't miss critical information.
- On placements (for example, in schools, hospitals, legal offices, or social care settings), **Sensory Scribe** provides a secure and private way to take notes about learning experiences or reflective practice.

Because the application works entirely offline, no data is uploaded or shared externally, ensuring compliance with confidentiality policies. This is particularly important when students may be exposed to sensitive information.

Examinations and Timed Assessments

- Students can review transcripts and recordings at their own pace, supporting deeper learning and memory consolidation when undertaking examination revision. The ability to revisit and summarise information supports structured learning.

Hearing Loss

Reading and Research

- Students with hearing loss may find independent online research particularly challenging. Increasingly, it is necessary to supplement traditional research content with independent online resources such as webinars, YouTube videos, educational podcasts, or recorded research talks. These resources frequently lack accurate captions or accessible transcripts, making it difficult to follow complex academic discussions or extract key details. For students with hearing loss, captions are essential for making audio-visual content accessible. **Sensory Scribe** can help by automatically recording and generating high-quality transcripts from online content, allowing students to access the spoken information in a clear, written format. The transcript can then be used for reading, note-taking, referencing, or cross-referencing during academic research. Because the text can be saved, searched, or highlighted, it supports efficient organisation and helps students locate key concepts quickly. By also offering accurate captions, **Sensory Scribe** enhances comprehension by allowing students to read while watching and later review the transcript for clarification or deeper understanding. This combination of visual and textual access reduces reliance on auditory information and supports independent learning.
- By providing reliable, accessible text versions of spoken content, **Sensory Scribe** empowers students with hearing loss to engage fully with a wide range of online academic materials, improving both reading comprehension and research efficiency.
- **Sensory Scribe** can enhance accessibility by converting audio from online content into searchable, transcripts. **Sensory Scribe** can record and transcribe spoken content from webinars, lectures, and videos.
- This strategy also allows for easier information organisation and retrieval. The transcript generated by **Sensory Scribe** can be searched by keyword to quickly find relevant information without having to visually scan long videos or documents. This greatly improves efficiency when conducting research or preparing

assignments.

Writing and Reviewing Academic Work

- Students with hearing loss may face challenges when writing and reviewing academic work, particularly when key information is delivered verbally in lectures, seminars, or online materials such as podcasts and research talks. Important details and discussions can easily be missed if accurate captions or transcripts are not available. **Sensory Scribe** helps overcome these barriers by recording and producing high-quality written transcripts of spoken content from lectures, online content and other research materials. These transcripts provide students with a reliable and accessible foundation of information to draw from when planning, drafting, and referencing assignments or essays. Because the text is searchable and editable, students can easily identify key quotations, concepts, and evidence to support their arguments.

Note-taking in Lectures and Seminars

- **Sensory Scribe** supports students with hearing loss by converting spoken instruction/teaching into accurate, accessible transcripts, removing barriers to note-taking, and enabling independent, inclusive learning.
- Students with hearing loss often experience significant barriers in traditional teaching environments where much of the information is presented verbally. During lectures, seminars, and group discussions, essential details can be missed if the student cannot hear every word clearly, particularly when background noise, fast-paced speech, or lack of visual cues make lip-reading difficult. Relying solely on visual materials such as slides or notes from peers can result in incomplete understanding. **Sensory Scribe** helps overcome these challenges by recording spoken content and producing accurate written transcripts of lectures and discussions. This allows the student to review the full content afterward, ensuring no key information is lost. The transcripts can be read, enlarged, highlighted, or annotated, and as material is also captioned, by default, this helps to reinforce understanding.
- By providing a reliable written record of what was said, **Sensory**

Scribe reduces the stress of trying to hear/listen and write simultaneously, supports independent learning, and ensures students with hearing loss have equal access to lecture content and class discussions.

- **Sensory Mobile** adds portability, allowing recordings to be made in any learning environment, including labs, workshops, or field trips, where visual materials may be presented quickly or verbally explained. Students can also add their own spoken notes or voice annotations to complement the transcript, helping them capture details that replace or enhance inaccessible visual information.
- Searchable transcripts resulting from lecture recordings make it easy to find and review key information quickly.

Time management and organisation

- **Sensory Scribe** helps students with hearing loss to manage their time and stay organised by providing clear, searchable transcripts of spoken content, reducing the need to reconstruct or recap on missed information, and enabling efficient planning and study. Students with hearing impairments often face additional challenges with time management and organisation, particularly when trying to catch all spoken information in lectures, seminars, or group discussions. Missing key details or instructions can make it harder to plan tasks, prioritise work, or manage deadlines effectively. The extra effort required to lip-read, follow captions, or interpret partial information can also be mentally tiring, leaving less time for reviewing notes or completing assignments.
- **Sensory Scribe** supports better time management and organisation by automatically recording and transcribing spoken content from teaching sessions and online materials. This provides students with an accurate written record that can be reviewed, searched, and organised efficiently. Students no longer need to spend additional time rewriting or clarifying missed information, allowing them to focus on understanding and applying what they've learned.
- Having transcripts stored digitally helps with organisation, as materials can be categorised by subject or topic and accessed quickly when planning assignments or revision. The ability to highlight, annotate, and summarise within transcripts also supports

structured study routines and more effective use of time.

Practical Sessions, Placements, Field Trips and Additional Course Activities

- **Sensory Scribe** and **Sensory Mobile** enable students with hearing loss to fully participate in practical and off-campus learning by capturing and transcribing spoken information, reducing communication barriers, and supporting accurate, independent review of course activities.
- Students with hearing loss can face significant challenges during practical sessions, placements, field trips, and other interactive learning environments, where information is often delivered verbally, sometimes in noisy or unpredictable settings. In these environments, it can be difficult to follow spoken instructions, group discussions, or demonstrations, particularly when multiple speakers are involved, background noise is present, or visual cues are limited. Important details may be missed, making it harder for the student to participate fully or record accurate notes. **Sensory Scribe** and the **Sensory Mobile** iOS app provide effective support by allowing students to record spoken information and automatically generate written transcripts. This ensures that instructions, explanations, and discussions are accurately captured and can be reviewed later in a quiet environment. Using the Sensory Mobile app during placements or fieldwork allows recordings to be made discreetly and conveniently without needing a laptop, making it ideal for outdoor or hands-on settings.
- The generated transcripts can be read at the student's own pace, ensuring nothing is missed and enabling accurate reflection, report writing, and follow-up research. This helps the student to stay organised, confident, and engaged, even when communication barriers are present.
- **Scribe Mobile** allows recording through an IOS smartphone or tablet, which is ideal for field trips or placements where carrying a laptop isn't practical. This provides consistent support in any environment, ensuring students don't miss critical information.
- On placements (for example, in schools, hospitals, legal offices, or

social care settings), **Sensory Scribe** provides a secure and private way to take notes about learning experiences or reflective practice. Because the application works entirely offline, no data is uploaded or shared externally, ensuring compliance with confidentiality policies. This is particularly important when students may be exposed to sensitive information.

Examinations and Timed Assessments

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