

Explore AI as a tool for students with visual impairment

SISSEL HELEN UNDEM, OSLO VOKSENOPPLÆRING NYDALEN
INGER LENE HUSTUFT, STATPED

AI in life and school

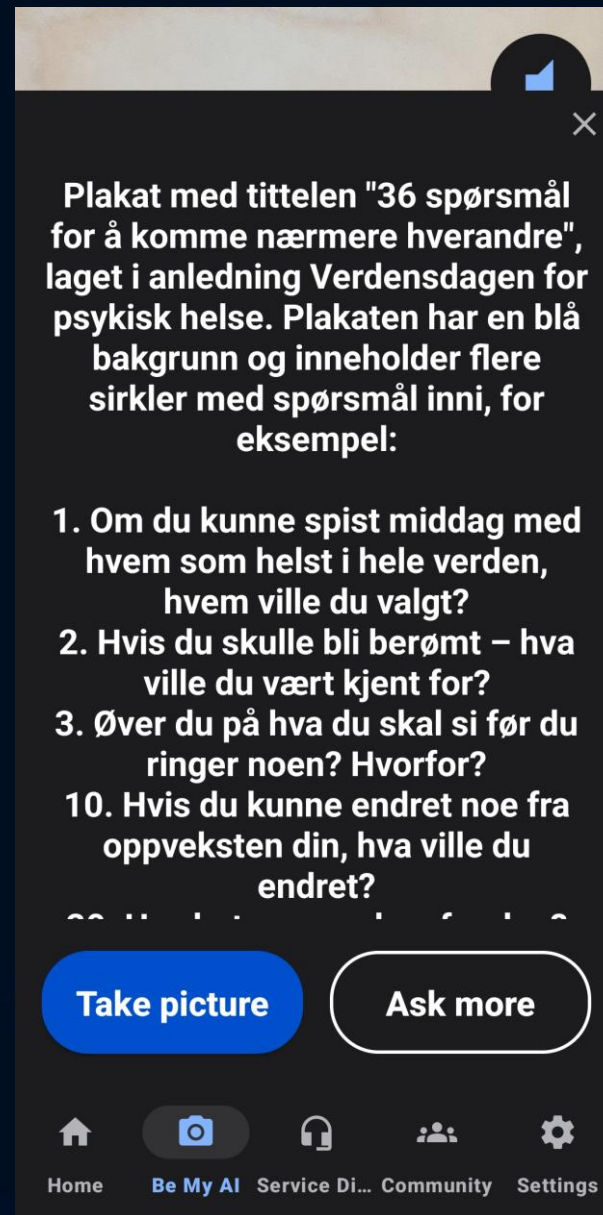
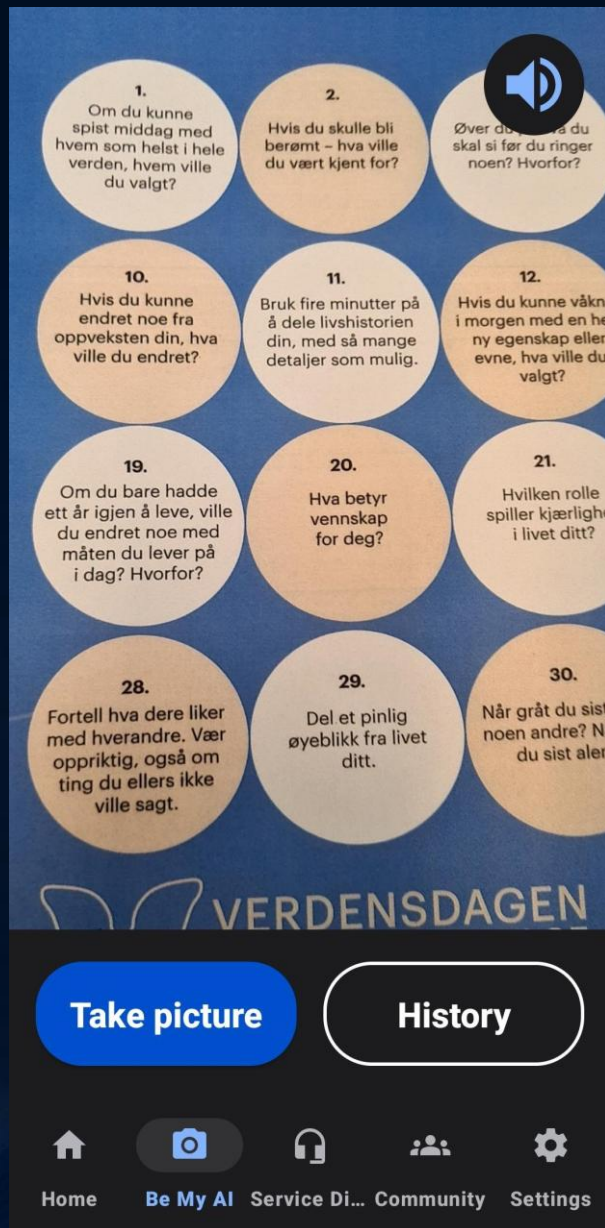
- How can artificial intelligence contribute to a more inclusive school day for students with visual impairments?
- With features such as reading printed text and handwriting, image recognition, summarizing comics, and interpreting artworks, AI opens the door to a world of knowledge and creativity.
- Notebook LM adds further possibilities by converting textual content into podcasts, giving students more ways to acquire information.

Apps we will be using today

- Be My AI
- Seeing AI
- Notebook LM

Be My AI (in Be My Eyes)

- **Image description:** The AI provides a detailed description of what's in the image (e.g. "A kitchen with a pot on the stove and a cup on the table").
- **Detail questions:** Ask follow-up questions like "What color are the cups?" or "What does the label say?".
- **Text recognition:** Reads text from images, such as menus, documents, labels, or screenshots.
- **Environmental awareness:** get an overview of a room or other surroundings
- **Combined with volunteers:** If the AI can't respond well enough, you can still connect with a volunteer helper via the Be My Eyes app.

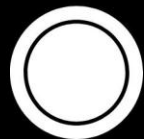


Seeing AI

- **Short Text** → Instantly reads text aloud when you point the camera at it (e.g., signs or labels).
- **Document** → Scans entire documents and reads them aloud, with guidance to position the camera correctly.
- **Product** → Recognizes products via barcodes and gives an audio signal when the code is found.
- **People** → Recognizes faces and can describe gender, age, clothing, and emotions.
- **Scene** → Describes what the camera sees, e.g., “a cat lying on a sofa.”
- **Currency** → Identifies banknotes in different currencies.
- **Light** → Indicates light levels with sound, useful for knowing how well lit a room is.
- **Color** → Describes the color of objects.
- **Handwriting** → Reads handwritten notes (with varying accuracy).
- **Personal channels (Experimental features)** → Sometimes Microsoft tests new AI features, such as more detailed image descriptions.



LES



BESKRIV



MER



Bildet viser et innrammet kunstverk som henger på en vegg. Kunstverket er en fargerik abstrakt komposisjon med ulike former og mønstre. Den er delt inn i seksjoner, med distinkte elementer i hver del:

1. ****Øverste seksjon****:
Inneholder to figurer. Til venstre er en mørkeblå, buet form som ligner en stilisert snegl eller skall. Til høyre er en grønn, bladlignende form med gule



Lagre



Del

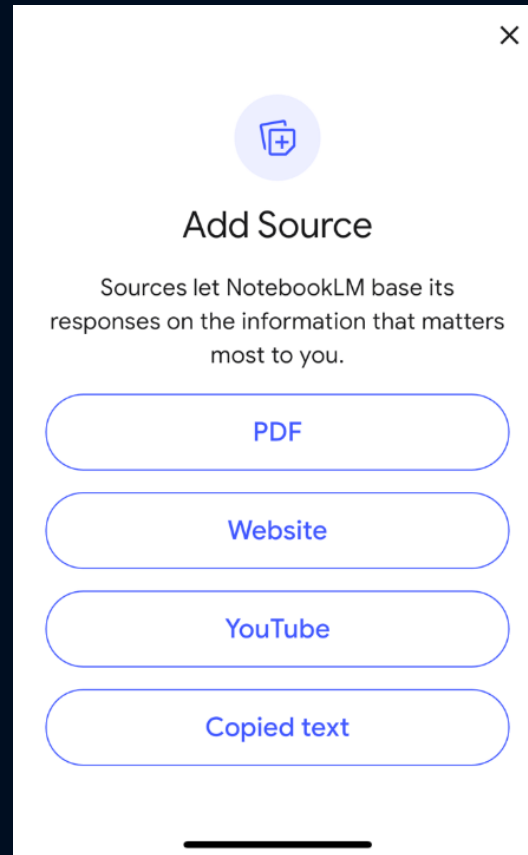
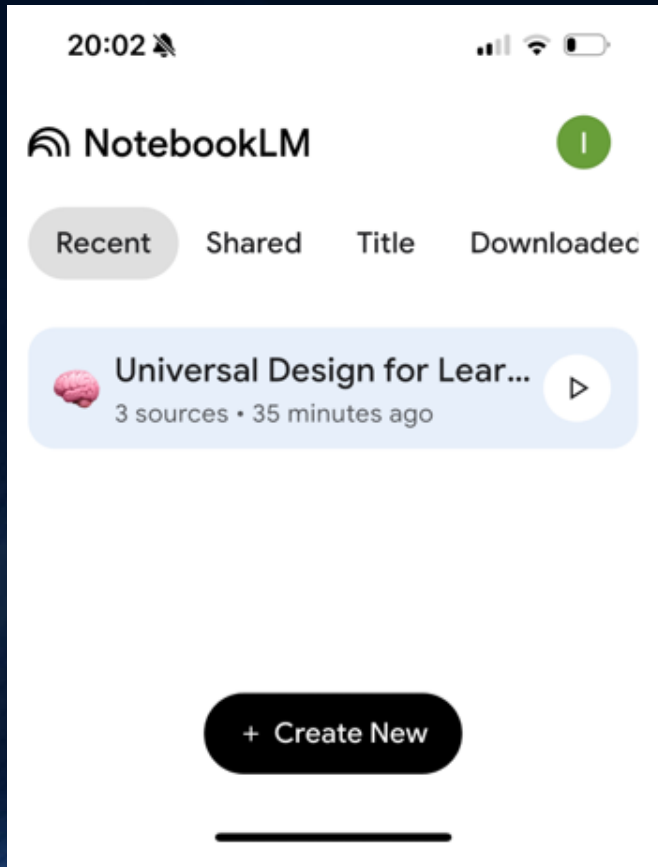


Utforsk

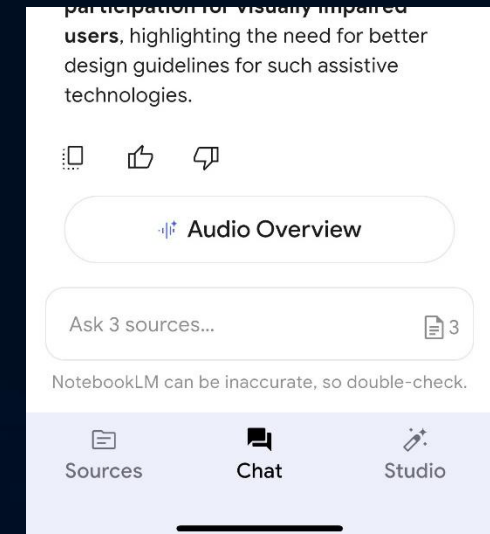
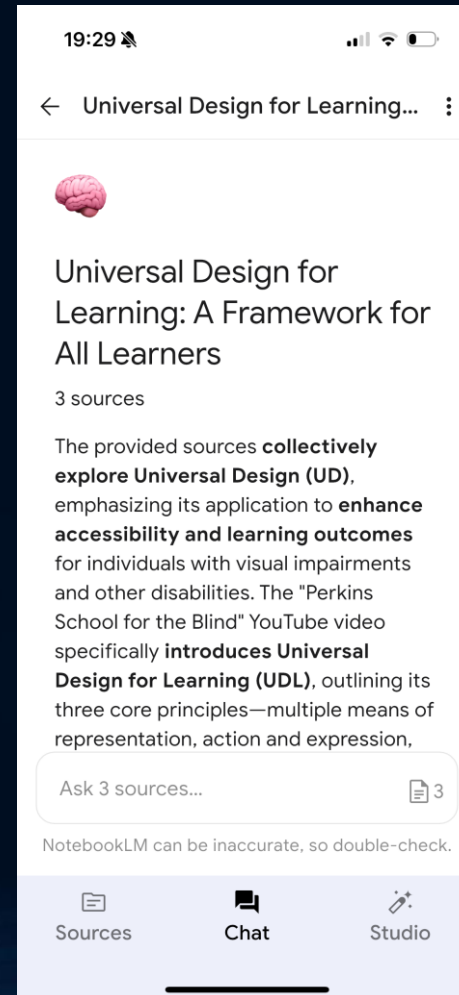
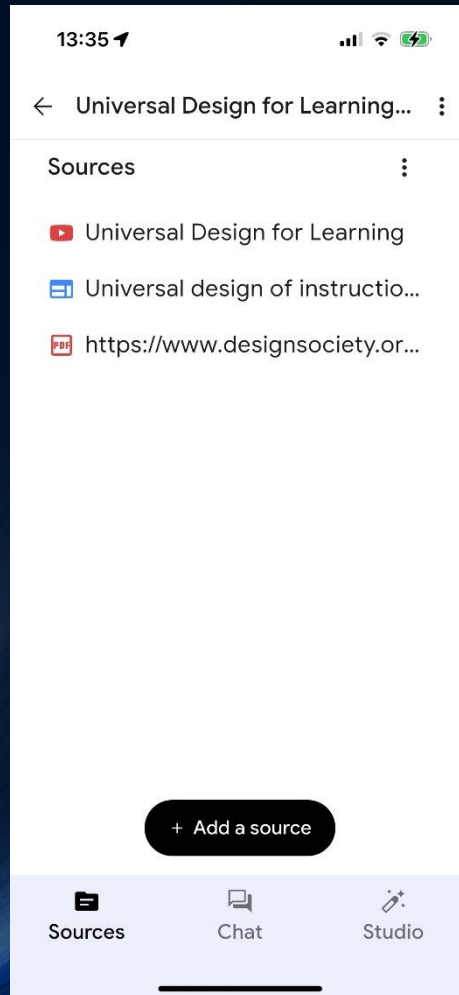
Notebook LM

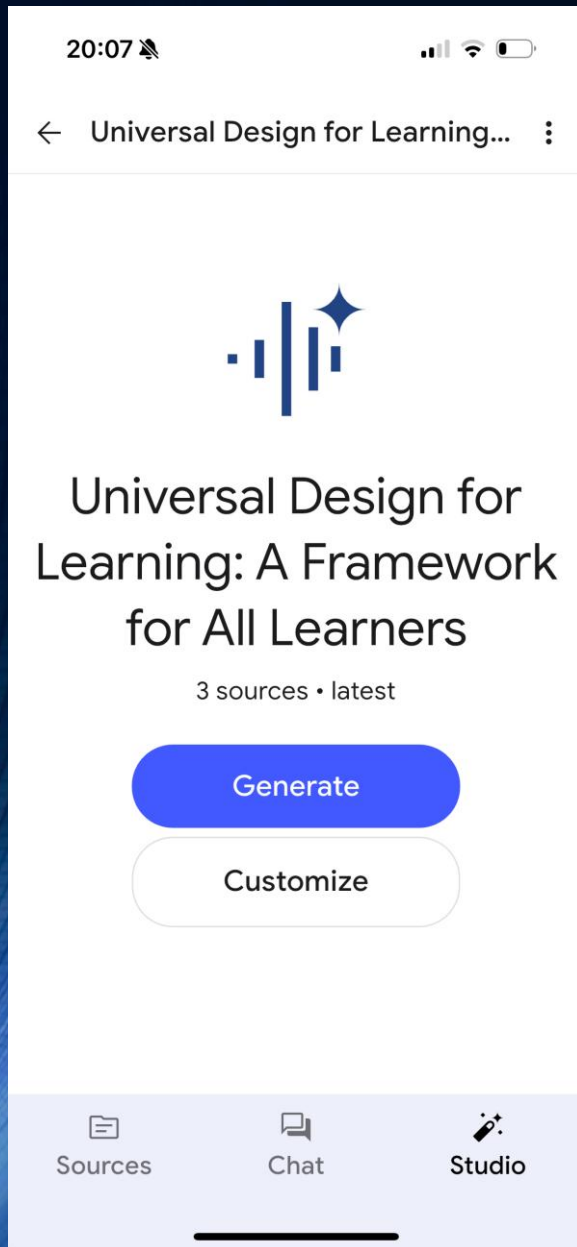
- Available both as an app and in a browser.
- Today, we'll take a look at the app!

Create new and add sources



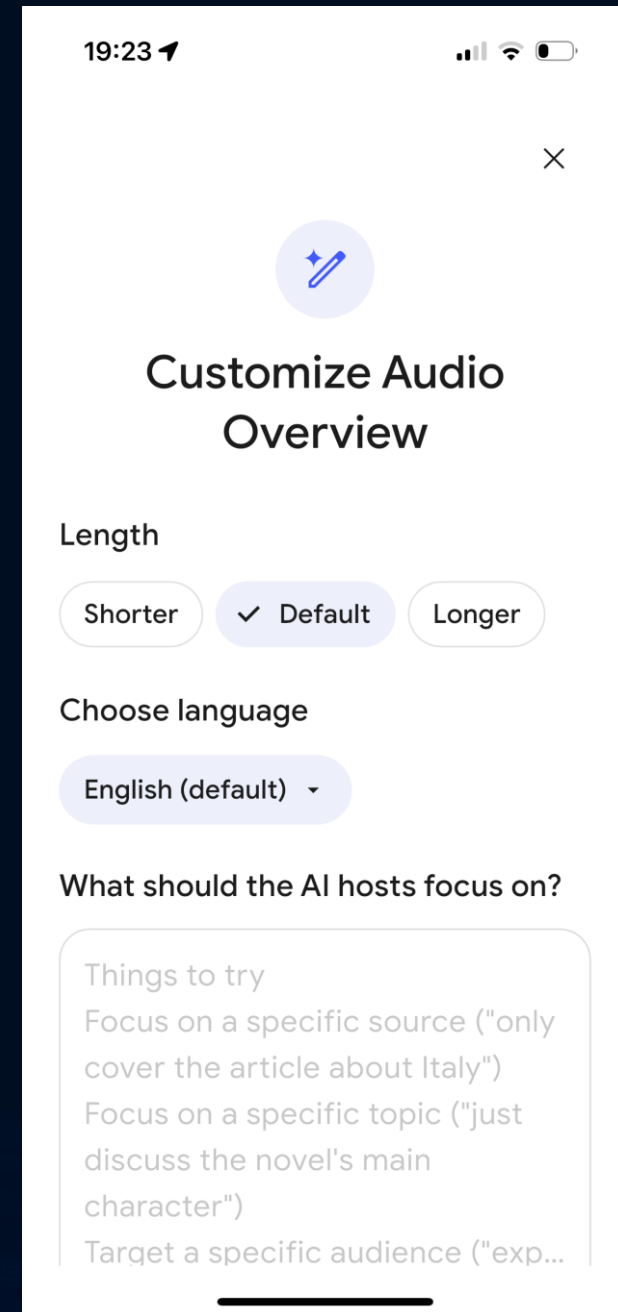
Summary from yours sources!



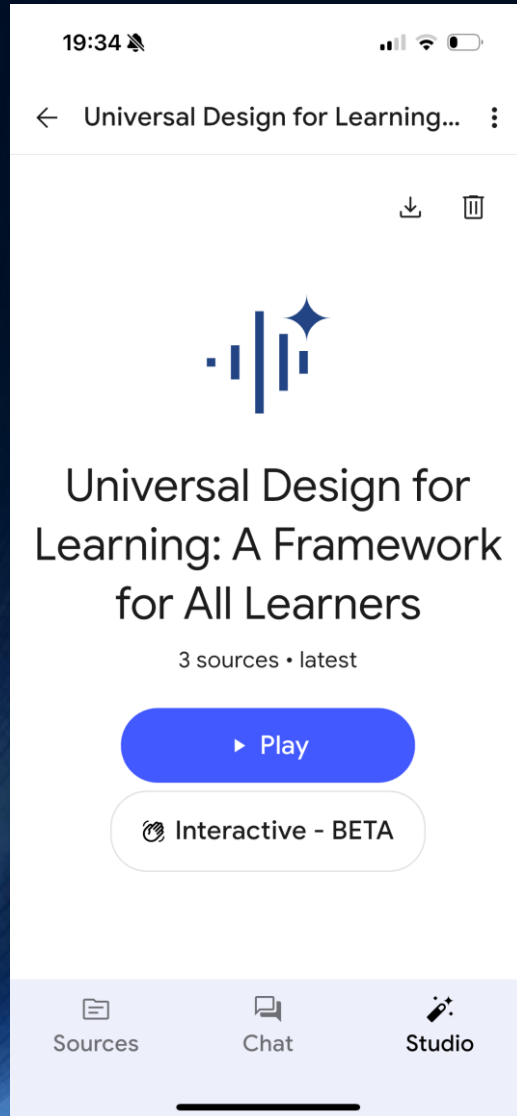


Adio Overview

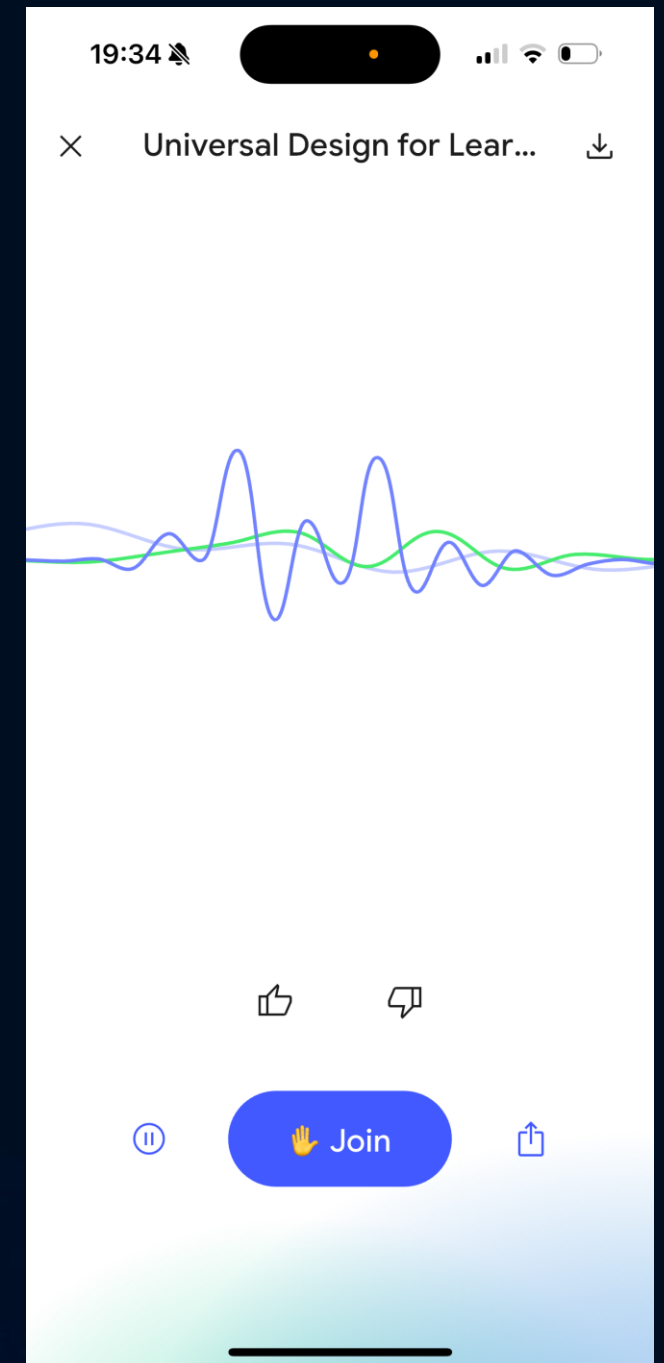
- Customizable!
- What age is the recipient?
- Is there anything specific you are looking for?
- Available in several Nordic languages: Norwegian, Danish, Swedish and Finnish.



The output in audio:



- Press Play to listen to the Audio Overview.
- Join the talk by tapping Interactive! But by tapping Join in the interactive mode, you can ask verbal questions along the way



Reflection questions

- How have you used AI to promote inclusion and learning?
- What future opportunities do you hope for?