



National Centre for Assistive
Health Technologies



Assistive Technology Solutions for Education

DR. PIYUSH CHANANA



Inclusive Learning

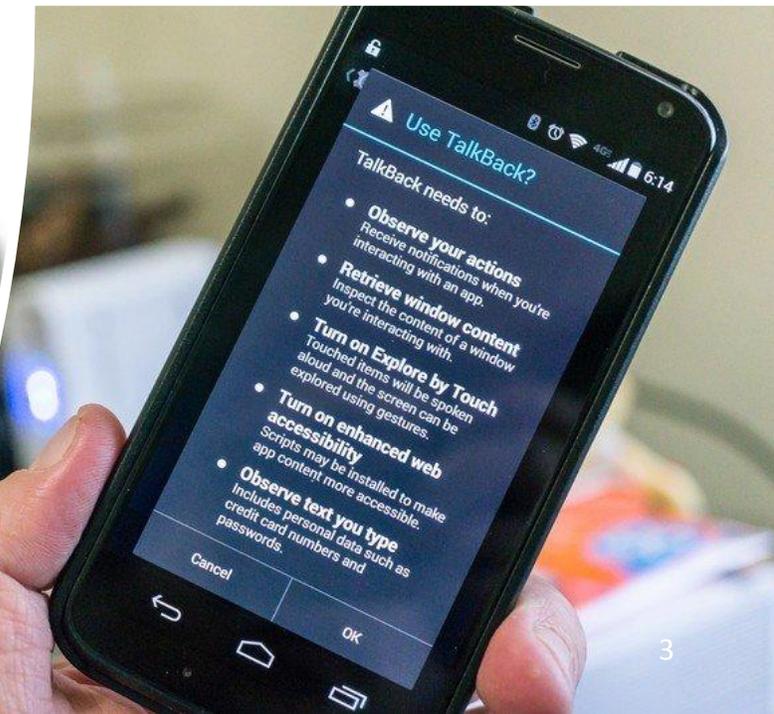
17 October 2023

Assistive Technology Solutions

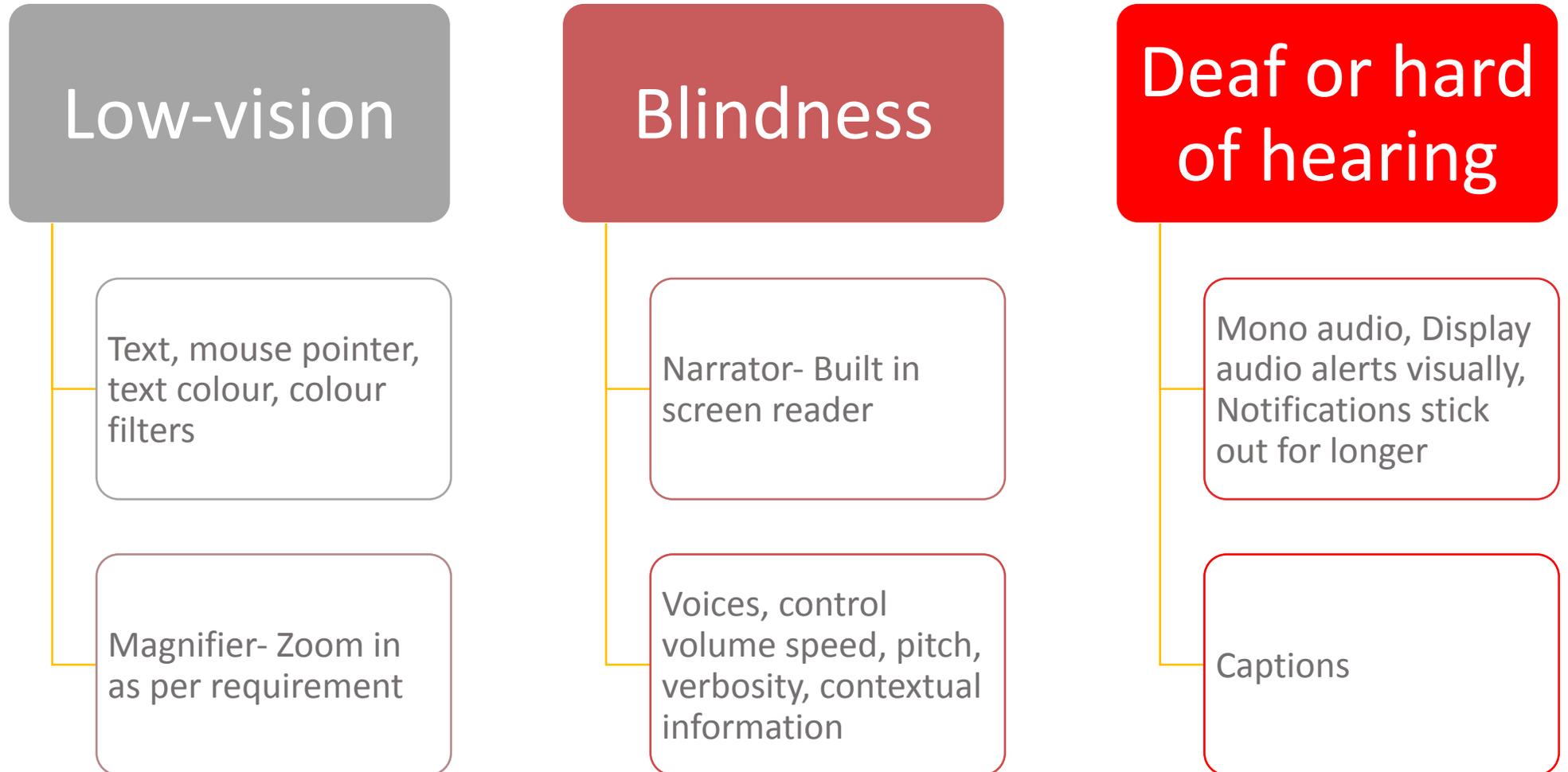
Affordability

Support for Indian Languages

Accessibility, high utility and user centric design



Computer (Windows- built in Accessibility features)



Computer (Other Screen readers for Windows OS)

NVDA

Supports all Indian Languages,

Open Source

Indo-NVDA

Customized version of NVDA bundled with high quality human like voices

Available at an affordable price of approx. ₹ 3000

JAWS

Quiet popular, works with Windows

Unaffordable (\$ 90 a year or \$900 as one time purchase). Memory intensive

Computer Use

Apps for Reading

Thorium Reader, Kindle App

Browser- for exploring and reading content on webpages

Writing

Google docs, sheets

Word, Excel

Utilities

Calculator, Keep- for note taking

Social Media- WhatsApp, Facebook, YouTube, Access phone with your phone



Thorium Reader for Reading on Computer



Thorium Reader is the EPUB reader of choice for Windows 10, MacOS and Linux.

This EDRLab application is in constant development and aims at becoming a reference for accessing EPUB 3 publications in reflow or fixed layout format, visual narratives (DiViNa), audiobooks and even LCP protected PDF documents.

Huge efforts are made to get Thorium Reader highly accessible for visually impaired and dyslexic people.

This application is free, with no ads and no leaks of private data.

Download Thorium Reader

The latest version of **Thorium Reader** is 1.4, released in July 2020.

Software

[Thorium Reader](#)

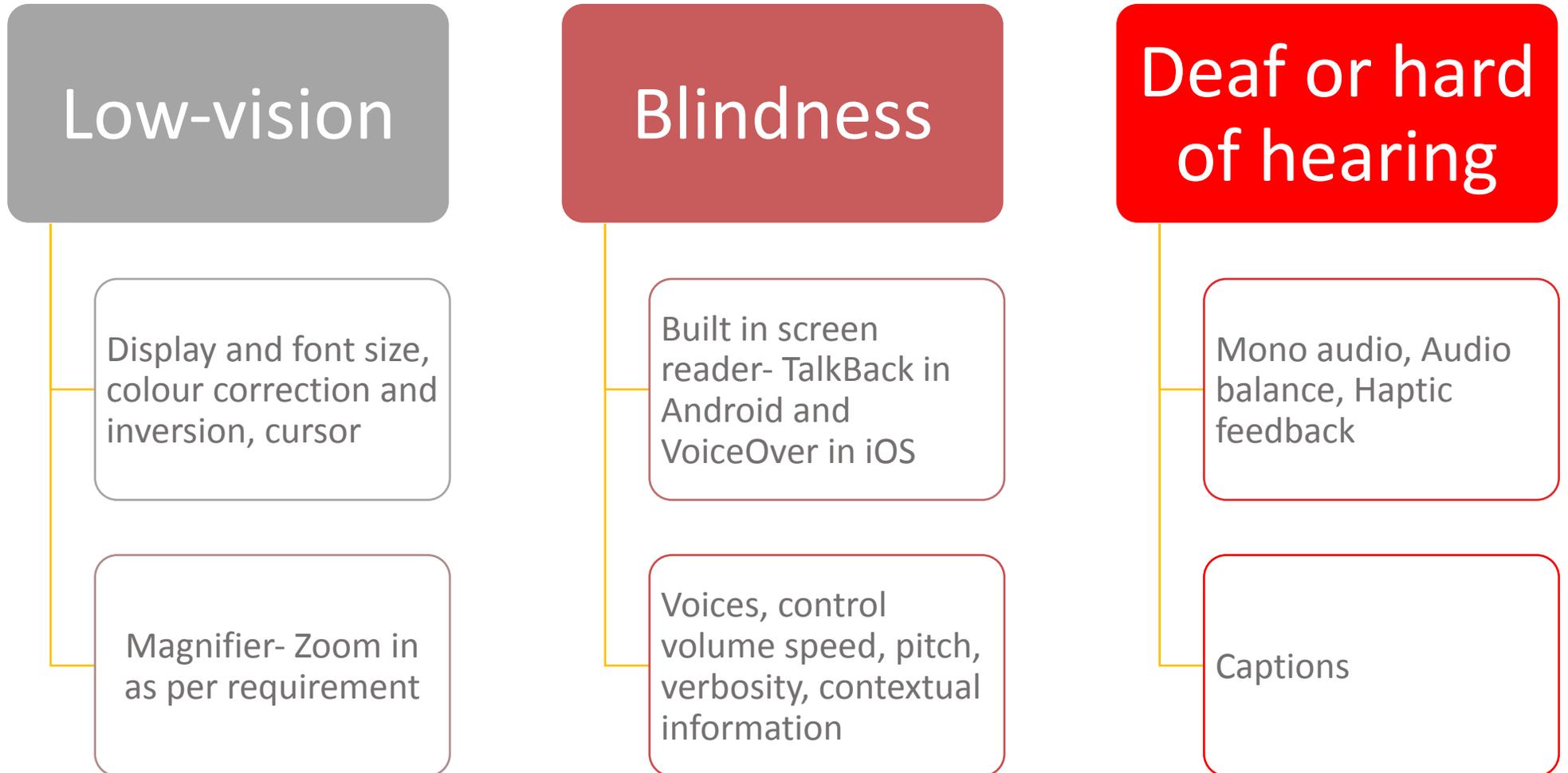
[Radium Desktop](#)

[Radium Mobile](#)

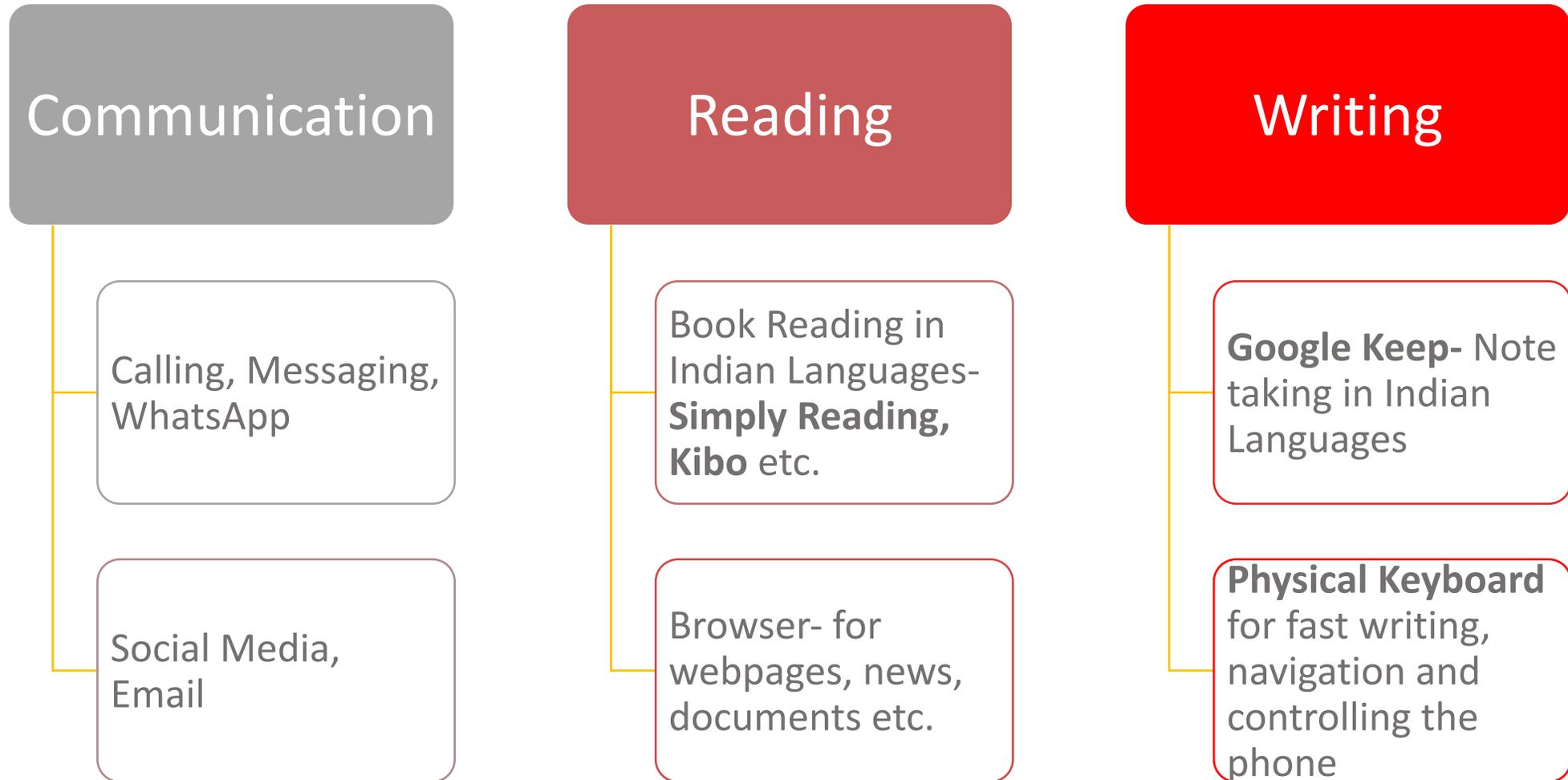
[Radium Web](#)

[Original Radium SDK](#)

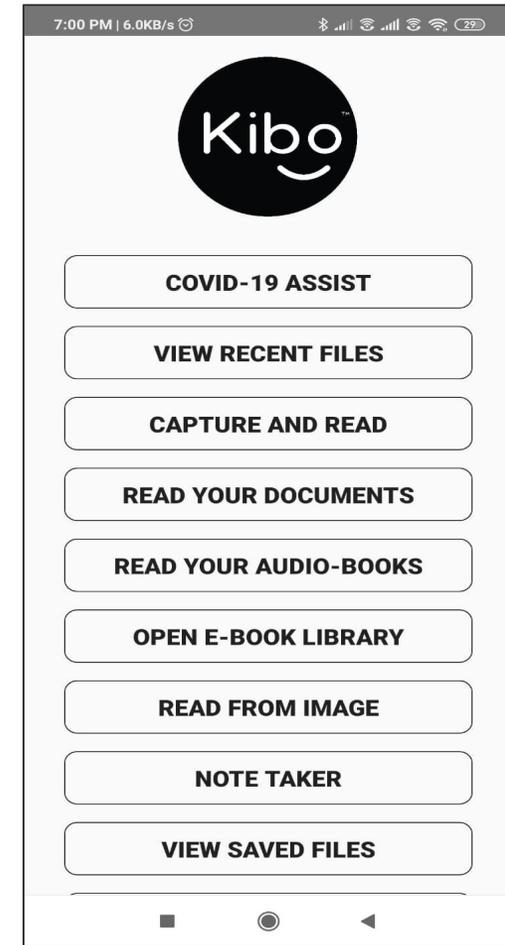
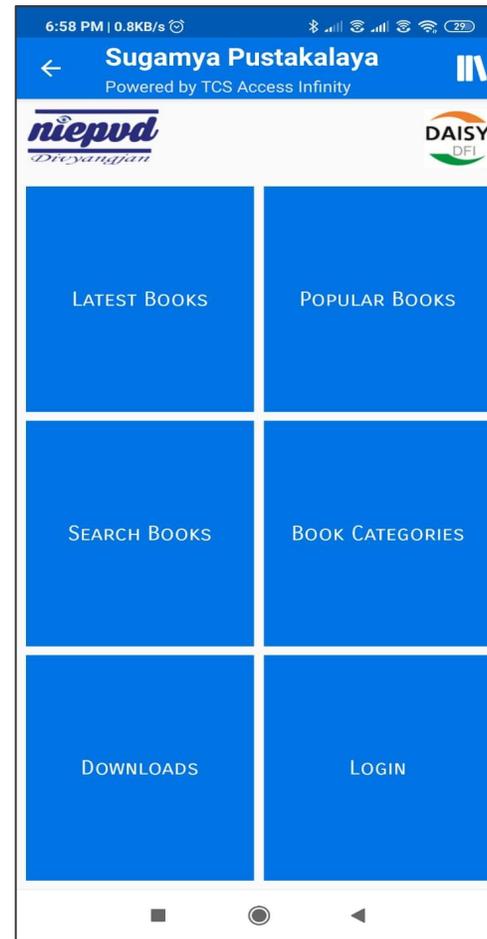
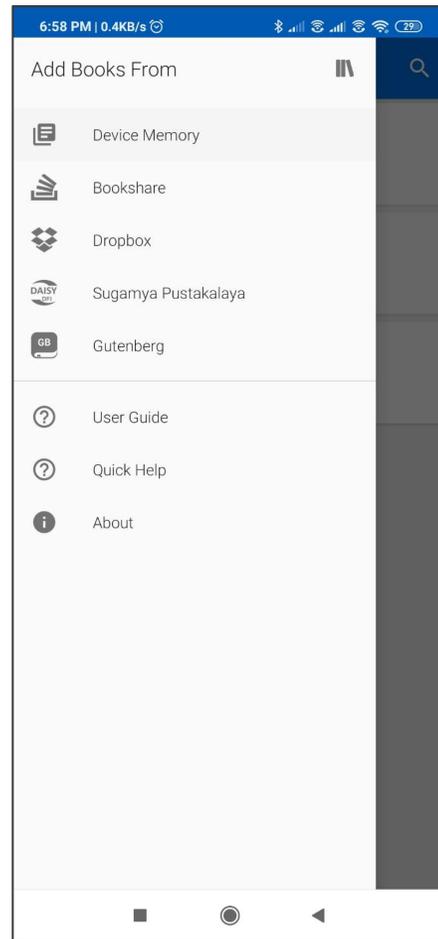
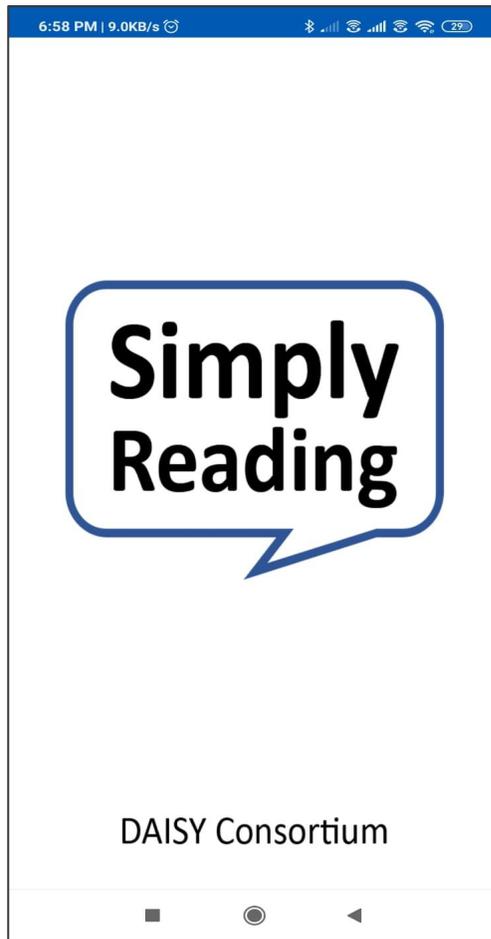
Smartphone and Tablet (Built in Accessibility features)



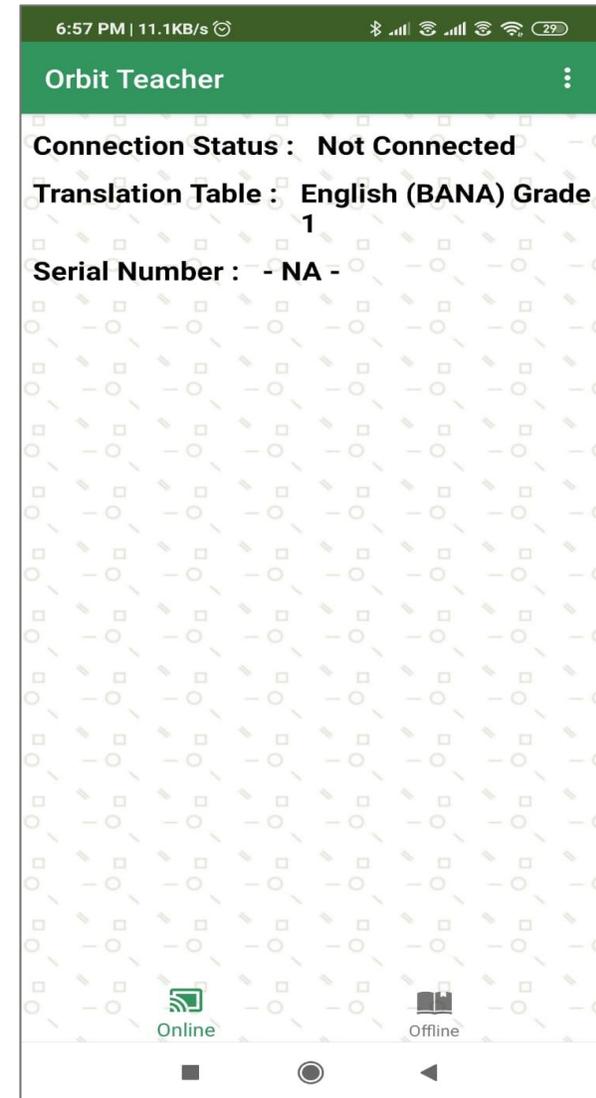
Smartphone or Tablet Use



Smartphone apps for reading



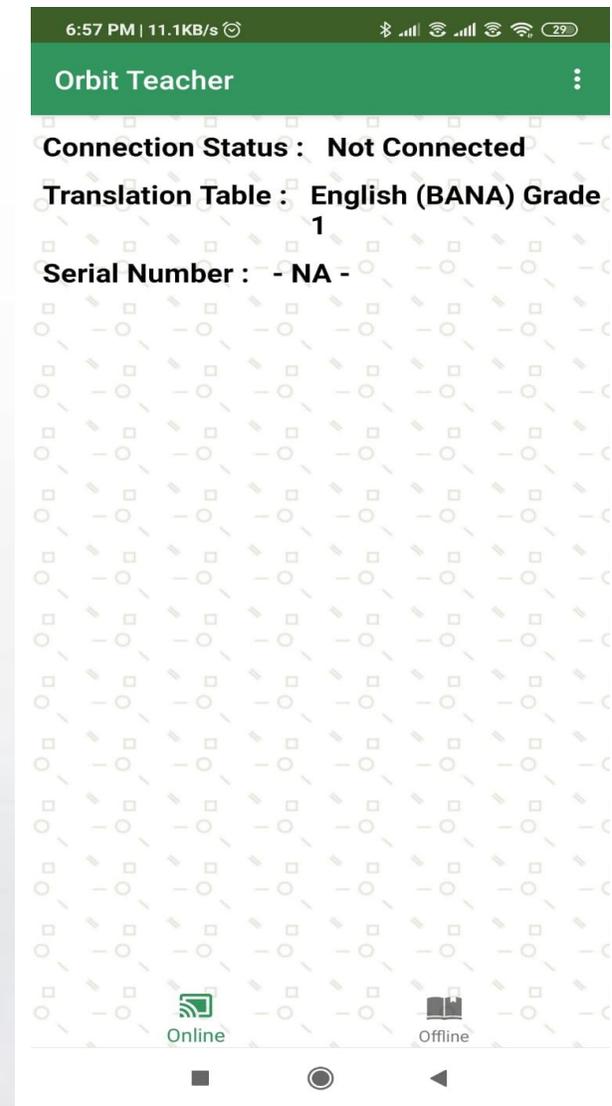
Electronic Braille Display



DAISY Player

- Audio recording
- Can read and playback text files
- Support for multiple Indian languages with rich navigation features
- Direct connectivity on online libraries through Wi-Fi





Braille Display

i While we celebrate the impact of the ADA today, help us raise \$30K to keep the promise of the ADA for the next 30 years. [Donate now.](#)

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