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[How will your app handle data persistence?](#)

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[Describe any libraries you'll be using and share your reasoning for including them.](#)

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Advanced Teleprompter

Description

Advanced Teleprompter displays a bunch of scrollable text to your screen with adjustable scrolling speeds. User can scroll manually, set timer to scroll automatically or even use speech recognition to scroll automatically.

Intended User

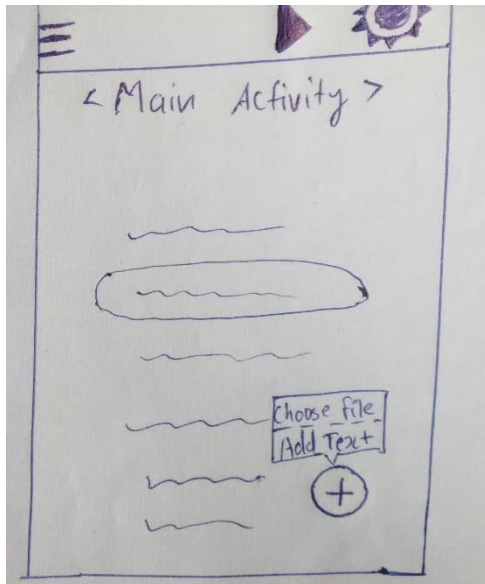
This app intended for those who want to improve their speaking speed and fluency. Can be used by those who want a flawless performance onstage.

Features

- Recognize what you speak, and adjust the speed of the slider according to your speaking speed.
- Import text files(.doc) to read from.

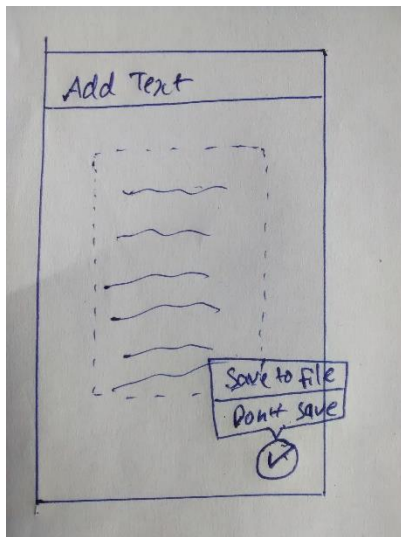
User Interface Mocks

Screen 1



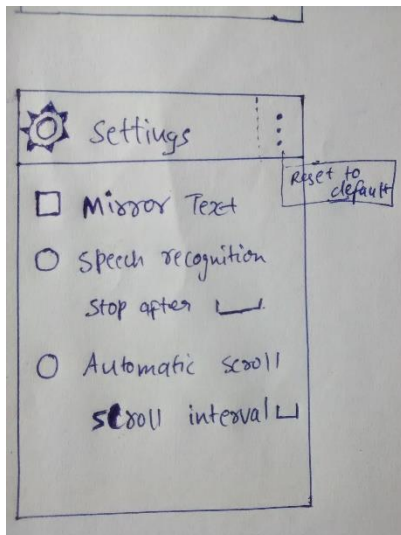
- The play button starts the scrolling of the text.
- Choose file button navigates to the ChooseFile activity.
- Add Text button navigates to the AddText Activity.

Screen 2



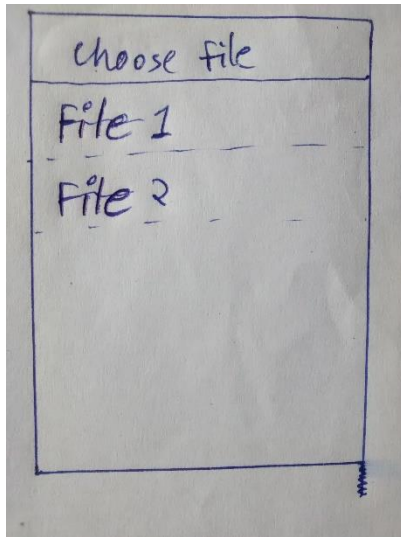
- User can write into the text box and finally can save the written text to a file or use it without saving.

Screen 3



- Mirror Text- Displays the mirror image of the text to the screen.
- Stop after- time to stop listening after given time of inactivity.
- Scroll Interval- Time-gap between each scroll.

Screen 4



- List of all the files added. User can use any of these files.

Key Considerations

- Google Ads for free version.
- Excess to file storage to retrieve as well as store files.
- External Library – Butter Knife.
- Loader to populate MainActivity TextView.
- AsyncTask to load data to/from internal storage.
- Caching to store content of more than one file.
- App widget – List all the files available & proper navigation to the app after clicking on any file.

Next Steps: Required Tasks

Task 1: Project Setup

Collect all the images needed & decide which material design elements to use.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Main Activity
- Build UI for settings Activity
- Build UI for ChooseFile Activity
- Build UI for AddText Activity
- Build UI for About Activity

Task 3: Write code for MainActivity

- Attach a scrollview to show the sliding text.
- Attach a fab to navigate to ChooseFile Activity/AddText Activity.
- Design action bar to include a play button & settings button.
- Create a navigation drawer & include a link to the About Page.

Task 4: Write code for ChooseFile Activity

- Design action bar to include an add button to fetch the document to read text from.
- A recycler view to view all added files.

Task 5: Write code for AddText Activity

- A fab to choose whether to save the text to a file or use without saving.

Task 6: Write code for About Activity

Task 7: Write code for Settings Activity

- Give options to choose from speech recognition and automatic scrolling.
- Option to mirror text.

Task 8: Design Build Variants

- Design free and paid versions
- Remove google ads from paid version

