

## How to Use this Template

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## Submission Instructions

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**GitHub Username:** [abs51295](#)

# Teleprompt-it

## Description

Teleprompt - it is a simple teleprompter application in which you can type or import text and easily teleprompt it! User can change the scrolling speed, font, colours and lots of useful features such as auto-starting and mirroring or previewing your current settings.

## Intended User

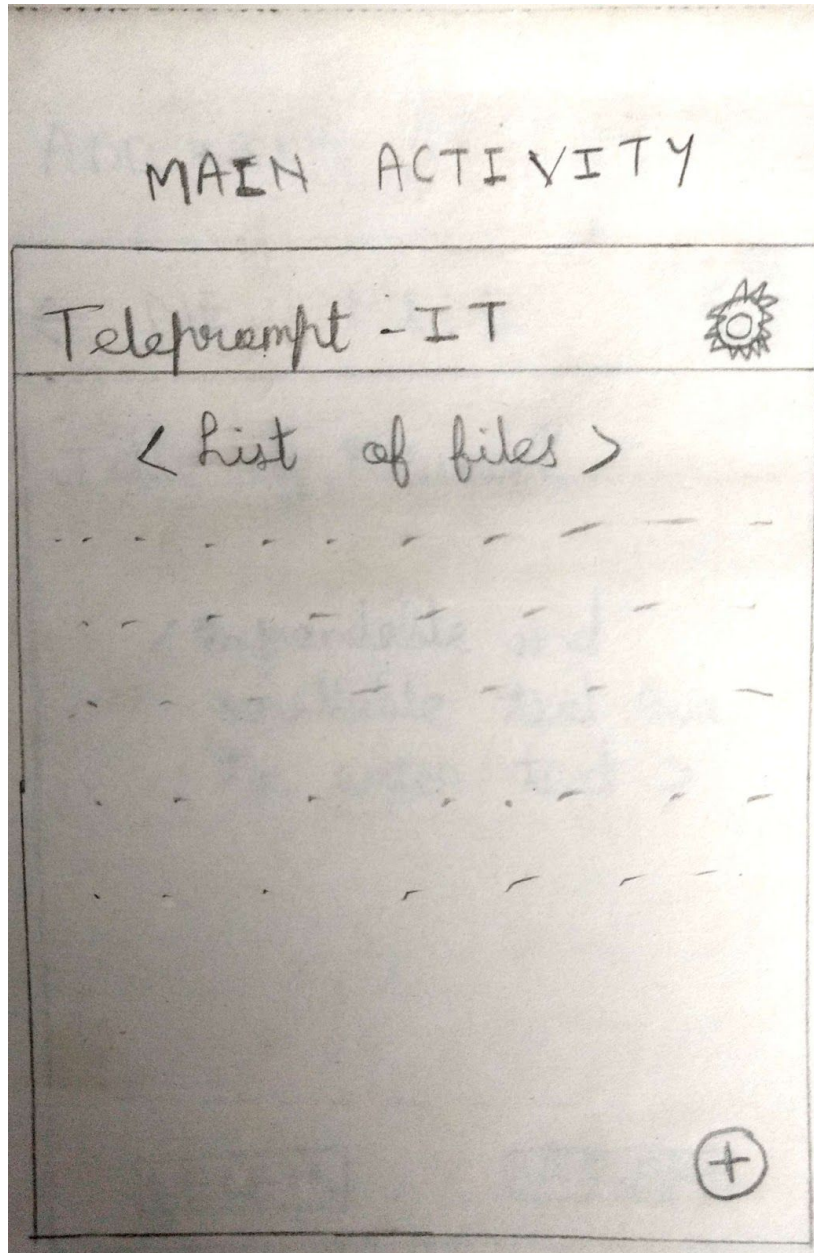
This app is intended for those who want to improve their speaking speed and fluency. Can be used by those who want a flawless performance onstage.

## Features

- Change the scrolling speed, fonts and colours
- Auto-starting
- Mirroring of the text
- Save, edit or delete old documents
- Create new documents

## User Interface Mocks

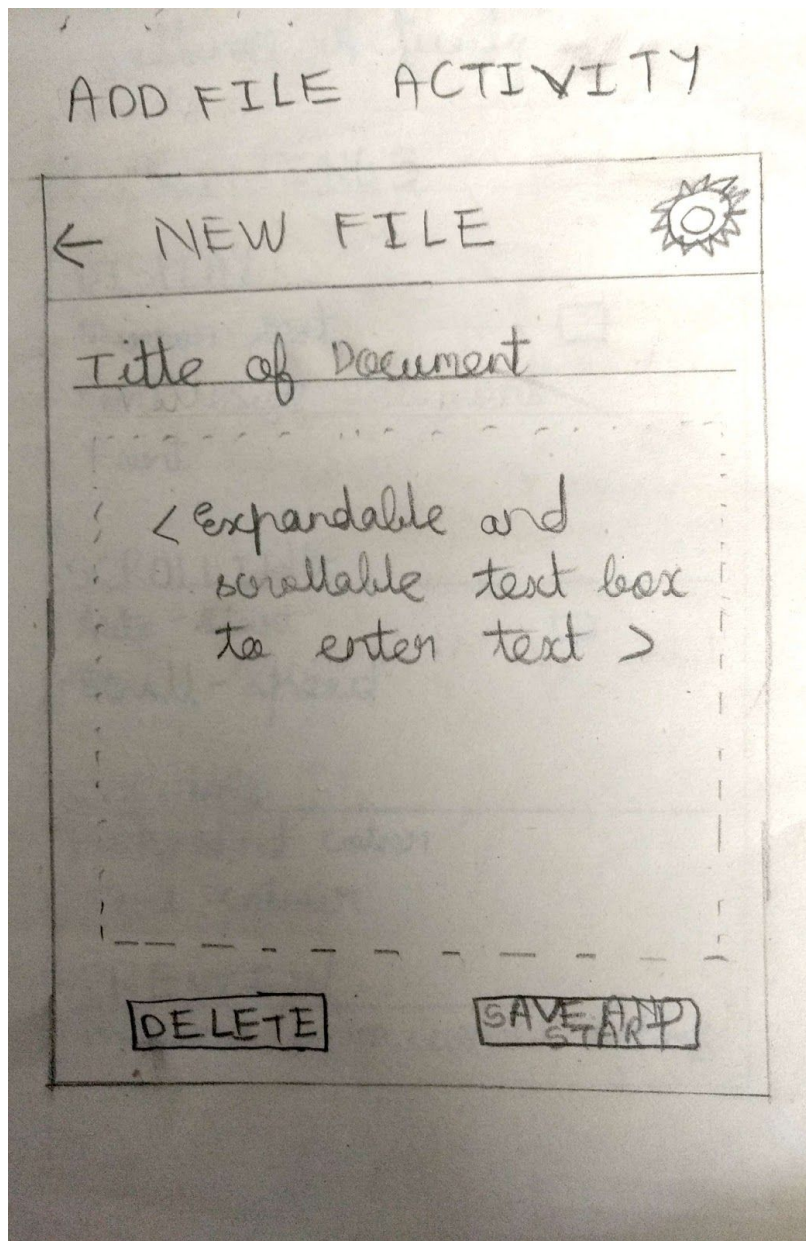
### Screen 1 (Main Activity)



- User can see the list of files added. Clicking on any of the files will navigate the user to edit file activity.
- User can add new file by clicking the FAB. Clicking on the FAB will navigate the user to Add File Activity.

- Clicking on the settings icon on the top right corner will navigate the user to Settings Activity.

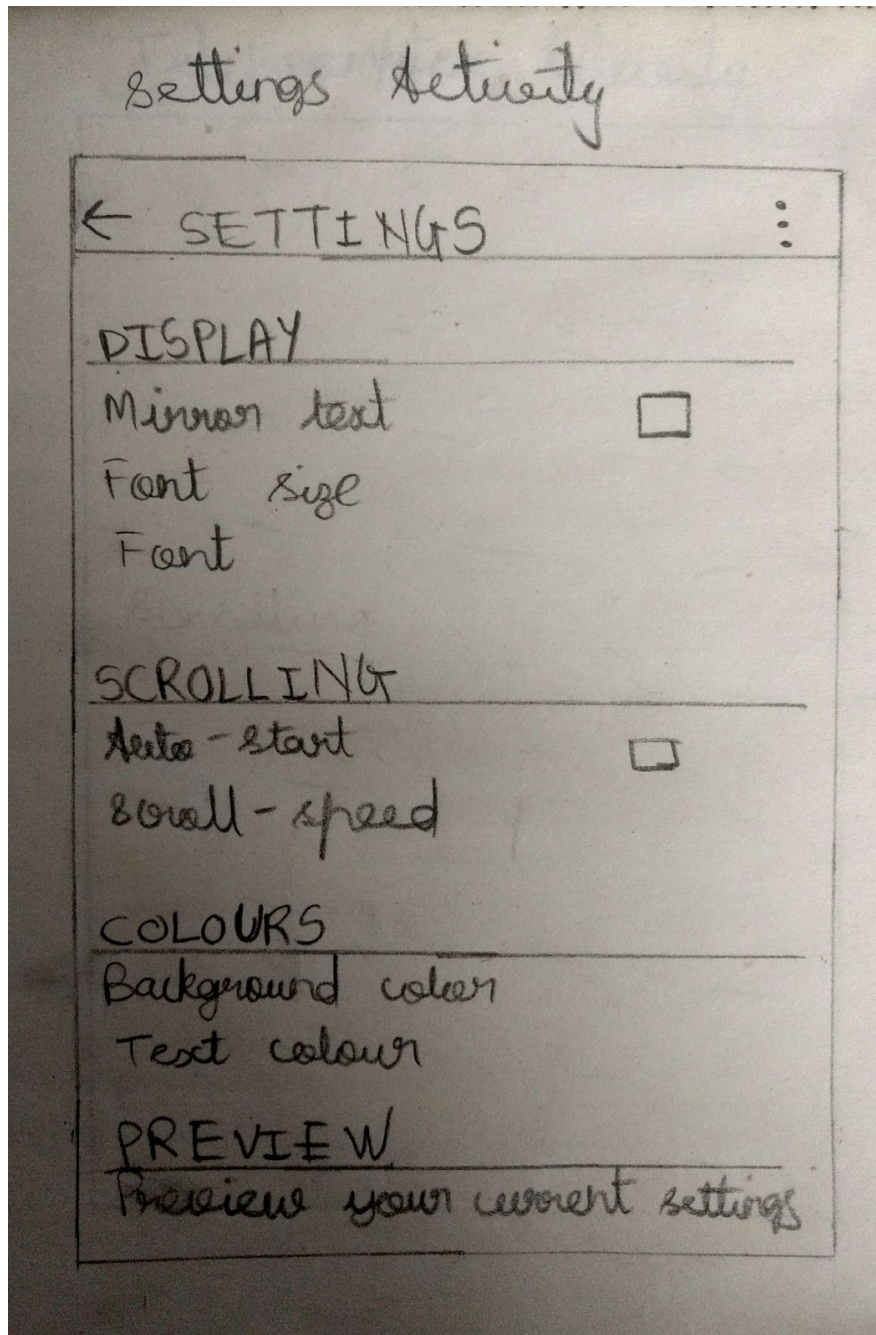
## Screen 2 (Add File Activity)





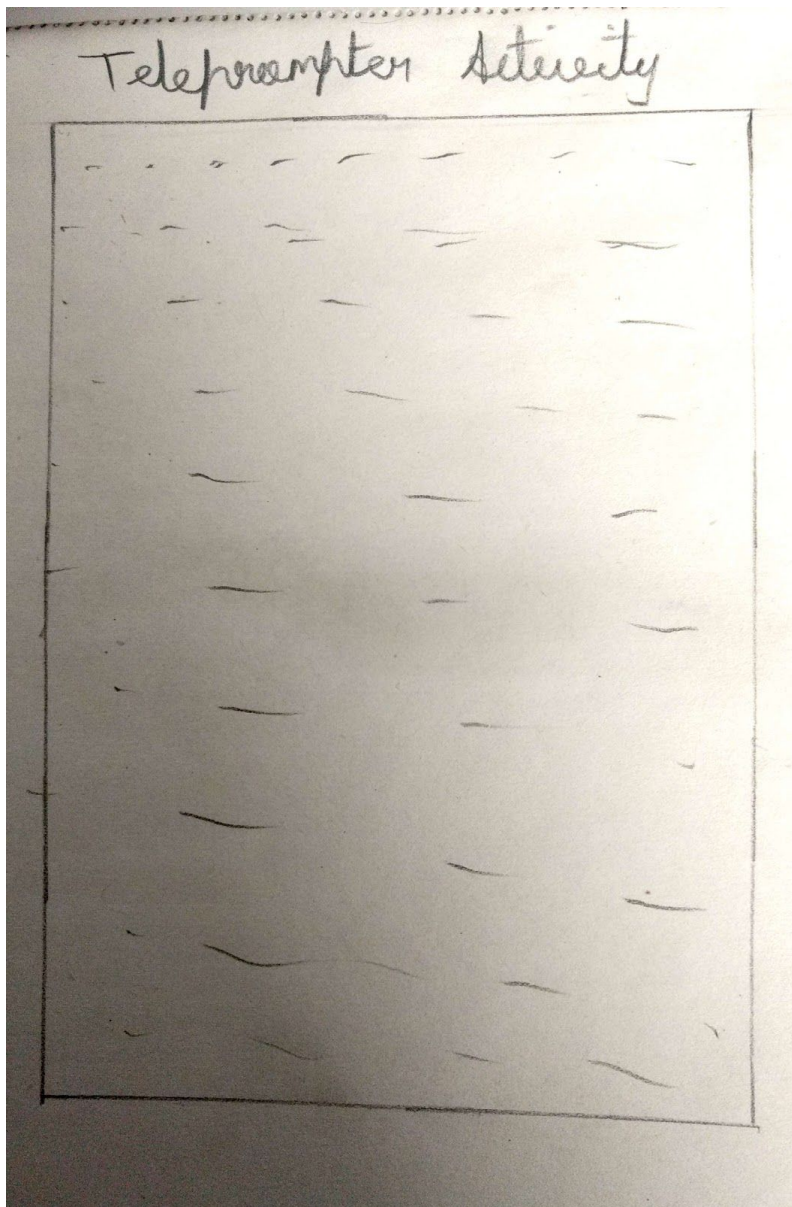
- User can create a new file by adding the title of document and adding the file content.
- User can either "Delete" the document or click on "Save and Start" to save the file and start the teleprompter.

### Screen 3 (Settings Activity)



- Mirror Text : Displays the mirror image of the text on the screen.
- Font Size : Select font size.
- Font : Select font family.
- Auto - Start :Start the scrolling automatically.
- Scroll-speed : Set the scrolling speed.
- Background and text colors: Choose the background and text colors.
- Preview : Preview the teleprompter with current settings.

#### Screen 4 (Teleprompter Activity)



- A full screen activity where the text will scroll according to the user defined settings.
- User can tap the screen to pause and can also manually scroll the text.

## Key Considerations

**How will your app handle data persistence?**

I will build a content provider to handle data persistence with widget.

**Describe any corner cases in the UX.**

The user will return from the teleprompter screen by just pressing the back button.

**Describe any libraries you'll be using and share your reasoning for including them.**

Butterknife - To bind views and for code simplicity.

**Describe how you will implement Google Play Services.**

Google Admob - To integrate ads in free version.

## Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

### Task 1: Project Setup

- Create Project with name “Capstone-Project” using latest version of android studio
- Research on similar apps and learning from their experiences
- Creating the design architecture
- Specifying minimum and target SDK versions
- Configure libraries
- Set signingConfigs in gradle build scripts with debug key store and dummy passwords
- Research about API's using samples provided in link/github projects.
- Build sample database scheme to store the required information

### Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for Add File Activity.
- Build UI for Settings Activity.
- Build UI for Teleprompter Activity.

### Task 3: Add Transitions

- Implement Transitions for Activities.

### Task 4: Data Persistence

- Implement Content Provider
- Store required information in database as per design requirements
- Build the logic to create/modify/delete the database information



## **Task 5: Accessibility Support**

- Add content descriptions

## **Task 6: Integration testing and bug fixes**

- Do integration testing and make sure things are working correctly
- Fix the issues

## **Task 7: Implementing Widgets & SyncAdapter**

- Build UI for Collection Widget to show information from main fragment.
- Implement widgets logic.
- Implement SyncAdapter to sync stocks information at market close time.

## **Task 8: Google Play Services implementation**

- Create an Interstitial Ad to be shown upon App exit fragment
- Use Analytics to monitor user actions and crashes that occur

## **Task 9: Responsive Design Implementation**

- Design for mobile landscape mode
- Design for tablet in both portrait and landscape modes
- Fix the issue data persistence because of UI/UX change

## **Task 10: Build & Sign**

- Create a free signed apk version.

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