GitHub Username: narwanipulkit

Teleprompt

Description

One of the toughest part to be on camera is rambling and happens to almost everybody because people tend to get a little gun shy and can't organize their thoughts, so it helps if they can have a script and able to read by teleprompter which can be a little expensive.
This application solves this need, that helps you record a video with the script on the screen just like a good expensive teleprompter .

Intended User

This application can be used by anyone who wants to record a video and gets a little nervous on camera like students, teachers, leaders, youtubers.

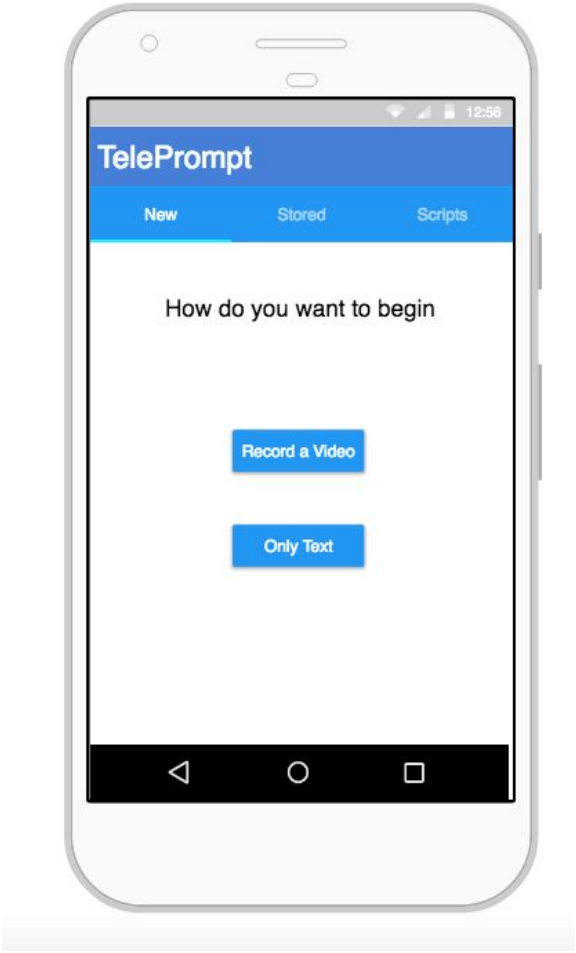
Features

- Records Video
- Variable Text Size and Speed
- Saves Video
- Saves Text

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



User can choose to record a video with the script prompt on the side or just text to prompt and can record with other device.
User can view stored videos and manage scripts

Screen 2

Video Recording with text on the side.

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

The Data that needs to be stored is only the text data which can be stored using a Content Provider so that it can be used by the widgets also.

Describe any corner cases in the UX.

If user presses back button during a recording the recording should continue.
In case of a phone call the video will continue untill the user decides to pick up the call.

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

Material Camera - Android's video recording APIs are very difficult to figure out, especially since a lot of manufacturers like to mount their camera sensors upside down or sideways.This library would help in achieving easy video recording.

Describe how you will implement Google Play Services.

Com.google.android.gms.drive-to store or retrieve the script from google drive.
Com.google.android.gms.ads- to display ads

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 tab layout.
Configure libraries :

- MaterialCamera

Configure Ad banners.

Task 2: Implement UI for Each Activity and Fragment

Build UI for

- MainActivity
- Add Tab Layout
- VideoActivity

Task 3: Implement Libraries

Implement google ads services.
Implement Material Camera
AutoScrolling Text

Task 4: Record

Implement Recording feature and saving the videos