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# **EzPrompter**

## Description

Simply import your script and start teleprompting it!

You can adjust text font, text color, and scrolling speed for your needs.

What's more, you can use EzPrompter to create, edit, or delete scripts!

#### Intended User

The intended users are filmmakers, reporters, and speakers.

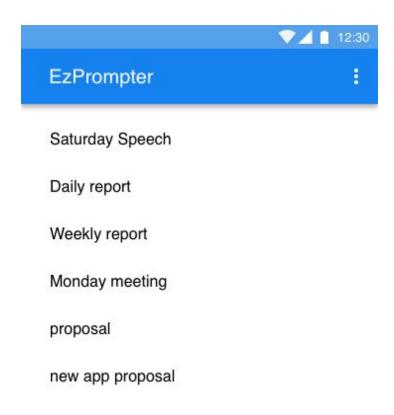
## **Features**

- Import or create txt scripts
- Customize text size, color, font and scrolling speed
- Save, edit, and delete txt scripts
- Auto-start teleprompter

## **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.

#### Main Screen





Users can choose to add new script by clicking the floating action button or open files from the list on main screen.

#### Script Screen

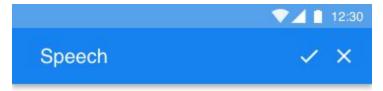


I dropped out of Reed College after the first 6 months, but then stayed around as a drop-in for another 18 months or so before I really quit. So why did I drop out?

It started before I was born. My biological mother was a young, unwed college graduate student, and she decided to put me up for adoption. She felt very strongly that I should be adopted by college graduates, so everything was all set for me to be adopted at birth by a lawyer and his wife. Except that when I popped out they decided at the last minute that they really wanted a girl. So my parents, who were on a waiting list, got a call in the middle of the night asking: "We have an unexpected baby boy; do you want him?" They said: "Of course." My biological mother later found out that my mother had never graduated from college and that my father had never graduated from high school. She refused to sign the final adoption papers. She only relented months later when my parents promised the would someday go to college.

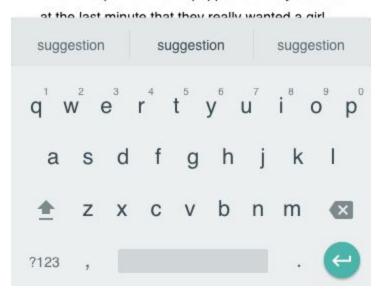
In this screen, users can play the script or click text to edit it.

#### **Editor Screen**



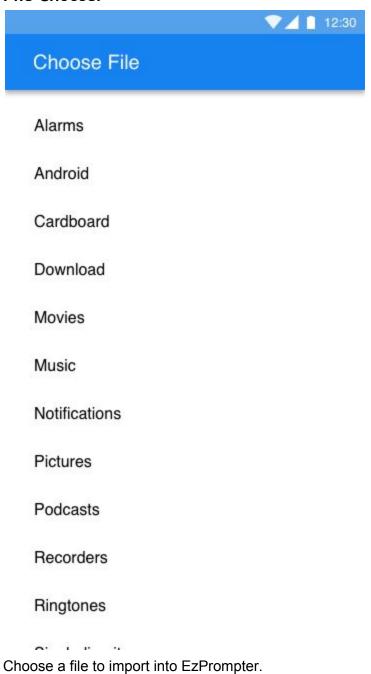
I dropped out of Reed College after the first 6 months, but then stayed around as a drop-in for another 18 months or so before I really quit. So why did I drop out?

It started before I was born. My biological mother was a young, unwed college graduate student, and she decided to put me up for adoption. She felt very strongly that I should be adopted by college graduates, so everything was all set for me to be adopted at birth by a lawyer and his wife. Except that when I popped out they decided



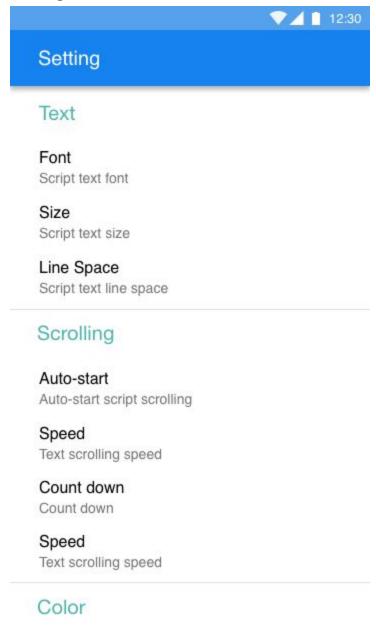
Edit script

### File Chooser



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### Setting



Adjust script text, scrolling attributes, or colors.

## **Key Considerations**

How will your app handle data persistence?

The application provides functions that users can import or create TXT documents as scripts and show them on the device screen as teleprompter. In addition, users can edit, save, or delete scripts in the application. The application saves Setting data in the SharedPreference, so the setting will be saved on devices.

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

- 1. When a script is playing, the device orientation should be locked. User rotates the device while playing script will cause the script scrolls to wrong line.
- 2. Before leaving the script editing mode, EzPrompter will popup a dialog to confirm that user want to leave the editing mode. In this way, we can ensure that users will not forget to save the script before they leave the editing mode.
- 3. In Setting screen, I'm planning to separate all settings into groups, so users will find wanted settings easily. In order to prevent the complicated setting screen, I will implement the each setting in dialogs. When users click setting item, it will popup a setting dialog of the item.

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

- 1. ButterKnife To inject views and resources into Activities or Fragments.
- 2. Dagger 2 To inject dependencies in order to make the application loosely coupled and maintainable.
- 3. RxJava A Java reactive extension to compose asynchronous processing chain.
- 4. RxAndroid A reactive extension for Android. This extension can provide Scheduler that schedules on main thread or loopers.

## 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

- Open a new project
- Configure libraries
- Configure plugins such as Fabric and Retrolambda
- Configure Dagger2
- Implement EzPrompterApplication for the future use

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

- Build UI for MainActivity
- Build UI for ScriptActivity
- Build UI for EditorActivity
- Build UI for FileChooserActivity
- Build UI for SettingActivity

#### Task 3: Implement Model

- Implement Script model
- Implement Script builder

#### Task 4: Implement View

- Define MainView interface
- Define ScriptView interface
- Define EditorView interface
- Define FileChooserView interface
- Define SettingView interface

#### Task 5: Implement Presenter

- Define MainPresenter interface
- Define ScriptPresenter interface
- Define EditorPresenter interface
- Define FileChooserPresenter interface
- Define SettingPresenter interface
- Implement MainPresenterImpl
- Implement ScriptPresenterImpl
- Implement EditorPresenterImpl
- Implement FileChooserPresenterImpl
- Implement SettingPresenterImpl

### Task 6: Implement Activity

- Implement MainActivity
- Implement ScriptActivity
- Implement EditorActivity
- Implement FileChooserActivity

• Implement SettingActivity

## Task 7: Testing

- Write unit tests
- Write UI tests
- Final test

## Task 8: Publish APP

- Fill in store information on Google Play
- Create keystore
- Export signed APK
- Upload the APK to Google Play