

How to Use this Template

1. Make a copy [File → Make a copy...]
2. Rename this file: **“Capstone_Stage1”**
3. Replace the text in green

Submission Instructions

1. After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it **“Capstone Project”**
3. Add this document to your repo. Make sure it’s named **“Capstone_Stage1.pdf”**

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GitHub Username: SethuVignesh

MOTIVATED

Description

This app is play list of youube motivation videos and pdf books.

Intended User

Students, professional or anyone who want to see motivational videos

Features

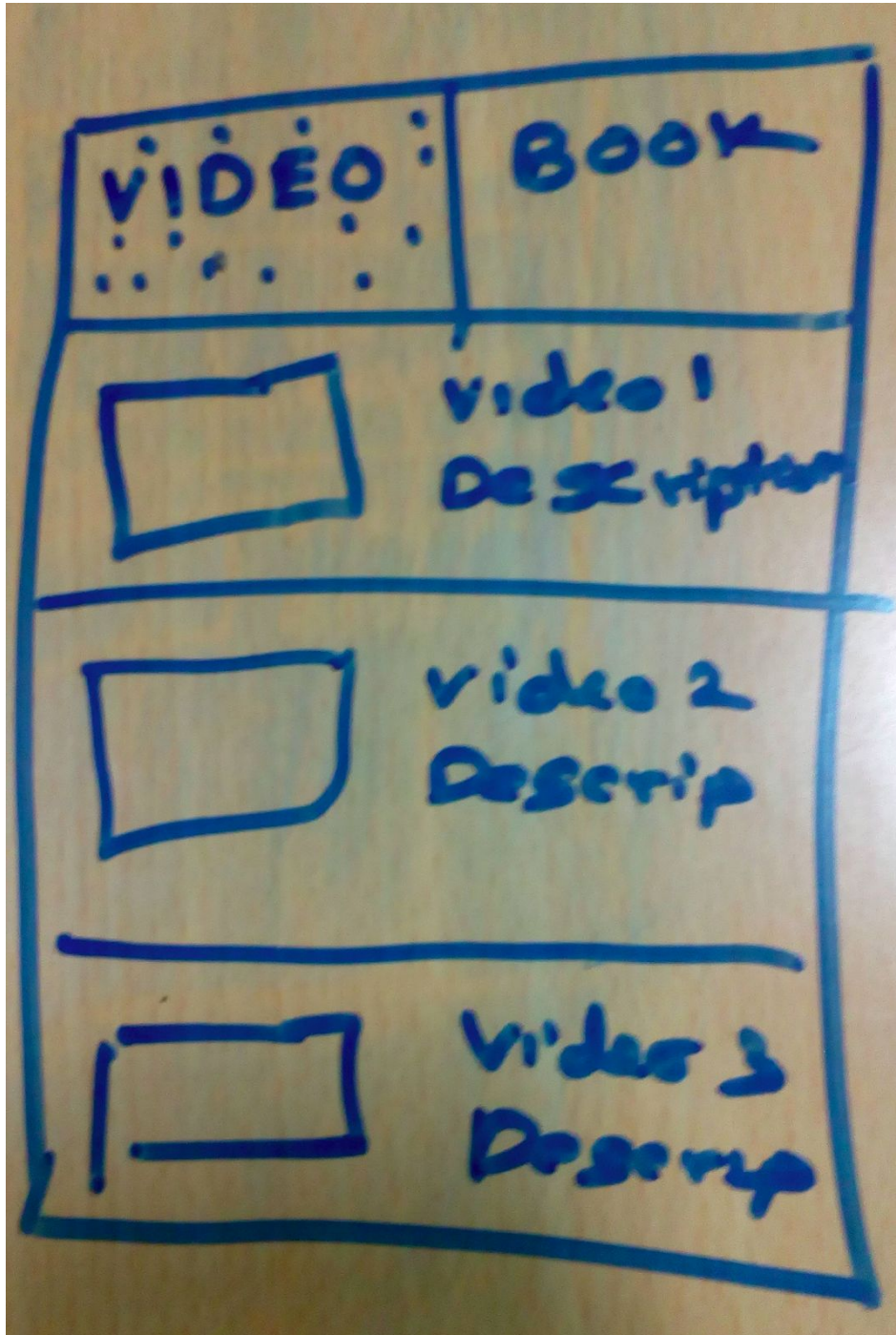
List the main features of your app. For example:

- You tube play list
- Pdf books can be downloaded

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.

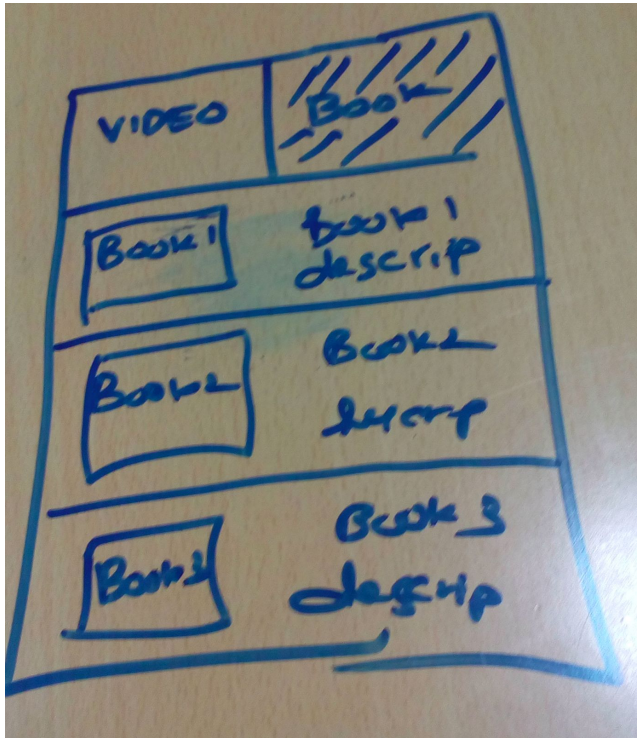
Screen 1



Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]

Provide descriptive text for each screen

Screen 2

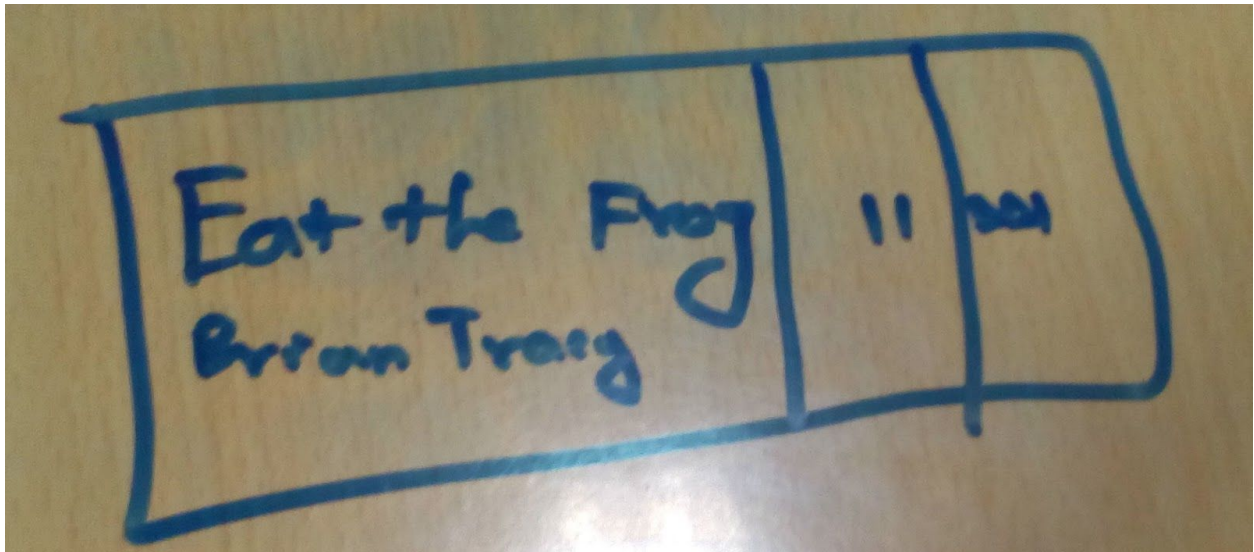


Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]

Provide descriptive text for each screen

Screen 3

App widget



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

Design Specifications:

- App provides a widget to provide audio book player to the user on the home screen.
- App implements a `ContentProvider` to access locally stored data.
- App implements `AsyncTask` to download the pdf book
- App implements `IntentService` to download audio book

Key Considerations

How will your app handle data persistence?

Using Shared Preference and file

Describe any corner cases in the UX.

When the video is clicked for full screen mode, video will enter full screen mode

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

Picasso and Youtube Api

Describe how you will implement Google Play Services.

Im going to se admob.

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

Youtube video list

Book list

Task 2: Implement UI for Each Activity and Fragment

Create two fragments

- Video fragment

- Book fragment

- Implemente list

- Design rows style

Task 3: Implement Youtube api

Create api key

Handle video list with preview image

Handle video playing on item selected

Handle full screen mode

Task 4: Implement books download fragment

- Create pdf book repo
- Implement file download class
- Implement file saving in sd card
- Implent share functionality

Task 5: Implement Audio book fragment

- Create audio book repo
- Implement file download class
- Implement file saving in sd card
- Implent share functionality
- Implent media player functionality
- Implement notifcation of current playlist

Task 5: implemnt admob

Create admob account

Design the ad banner in ui

Implement the admob connectivity

Task 5: implemnt widget

Implement Content provider and sqlite

Implement widgets for audio books play

Add as many tasks as you need to complete your app.

Desi

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