

## 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**”

---

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

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

[Describe any corner cases in the UX.](#)

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

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

**GitHub Username:** [altysh2009@gmail.com](mailto:altysh2009@gmail.com)

# NewsYoo

## Description

An app for getting news from famous news services and gives lots of categories to choose from

## Intended User

intended user will be all ages ,female or male at specific countries USA, england ,Germany , Australia , India , Italy

## Features

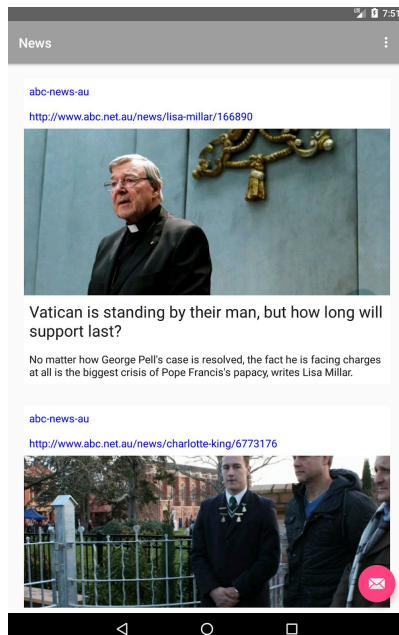
List the main features of your app. For example:

- He or she can choose the news source that they desire
- They can choose the order
- They can review the history
- Works offline fine
- Widget to show latest news
- Built in webview to ease the transition and speed the process
- Can choose preferred language , country ,categories
- Can show news for specific source

## 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



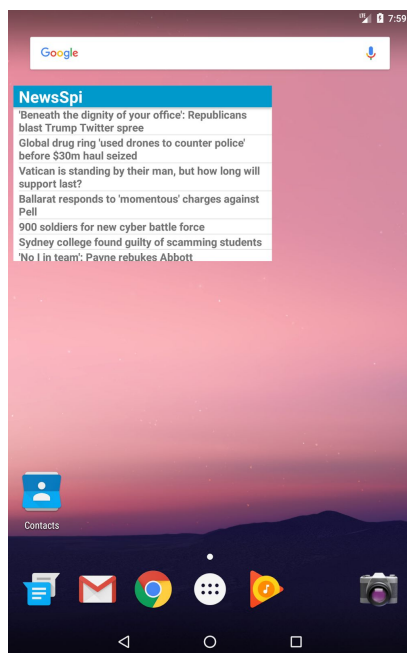
This would be my main screen or something like it will show a list of news that came from the database

## Screen 2



It show the webpage of the news item and will contain FAB for sharing the idea for design came from facebook

## Screen 3



App widget supply list of news click on item it open the webview click on the app name open the app

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

## Key Considerations

### How will your app handle data persistence?

I'll build a Content Provider that store the data i'll receive to reduce the amount of data i get from the server

### Describe any corner cases in the UX.

Like any application if you press back on top the screen you will go to the previous screen  
The webview open the links inside it and navigate with the back bottom

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

Glide to handle the loading and caching of images. Android Asynchronous Http Client for making the requests in the background to the sites. Android support library to get design Library for coordinatorlayout also for constraint-layout ,recyclerview  
Com.android.support:preference to create a setting activity for the app  
Com.firebase:firebase-jobdispatcher to synchronization the data

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

Firebase JobDispatcher to auto sync the data from the site  
Google ads serves

## 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

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- Configure the static class to send requests and get data from the site
- Configure the database and the content provider
- Configure the how to get the data from the database and displaying it
- Run through all the above steps and see if something extra needed
- Work on data sync and store the data on the database

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

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

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for every news item
- Build the recycleview and show the data using cursorloader
- Adding the capability to click on item and giving every item its reaction
- Go through them to make them work on big and small screens

## Task 3: Your Next Task

Describe the next task. For example, “Implement Google Play Services,” or “Handle Error Cases,” or “Create Build Variant.”

Describe the next task. List the subtasks. For example:

- Build UI for WebActivity
- Showing horizontal progressbar to show the status
- Added share button to share across the apps
- 

## Task 4: Your Next Task

Describe the next task. List the subtasks. For example:

- Build UI for Widget
- Make it show a list of news
- Using onreceive we will make it update every time we sync with the servers

## Task 5: Your Next Task

Describe the next task. List the subtasks. For example:

- Create layout for setting
- Use preference store the needed setting and share it across the app
- Add support for accessibility
- Work on the error cases

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

---

### 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**"