

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: rdayala

App name : News Diary

Description

Get upto date with news and also manage news. The app reads rss news feeds and stores them in your phone.You can tag them to track in future.

Intended User

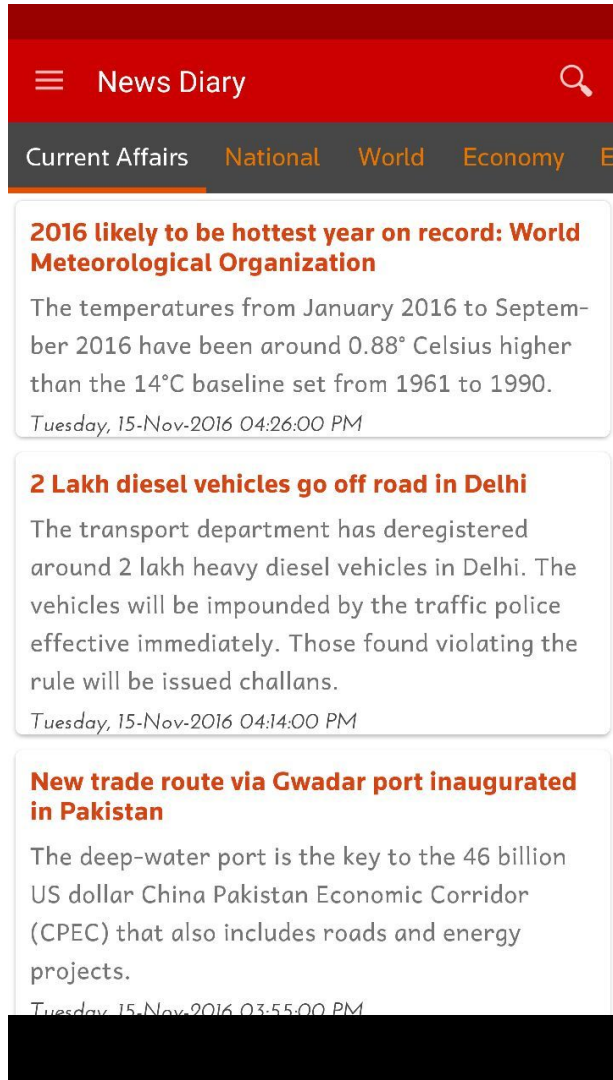
The app is specially for students who are preparing for various competitive exams and want to manage news items and current affairs.

Features

- Reads news feeds
- Caching of news items.
- Automatic refresh of news items
- Send notifications
- Bookmark news
- Tagging of news items.
- Search using tags
- Sharing news item with others

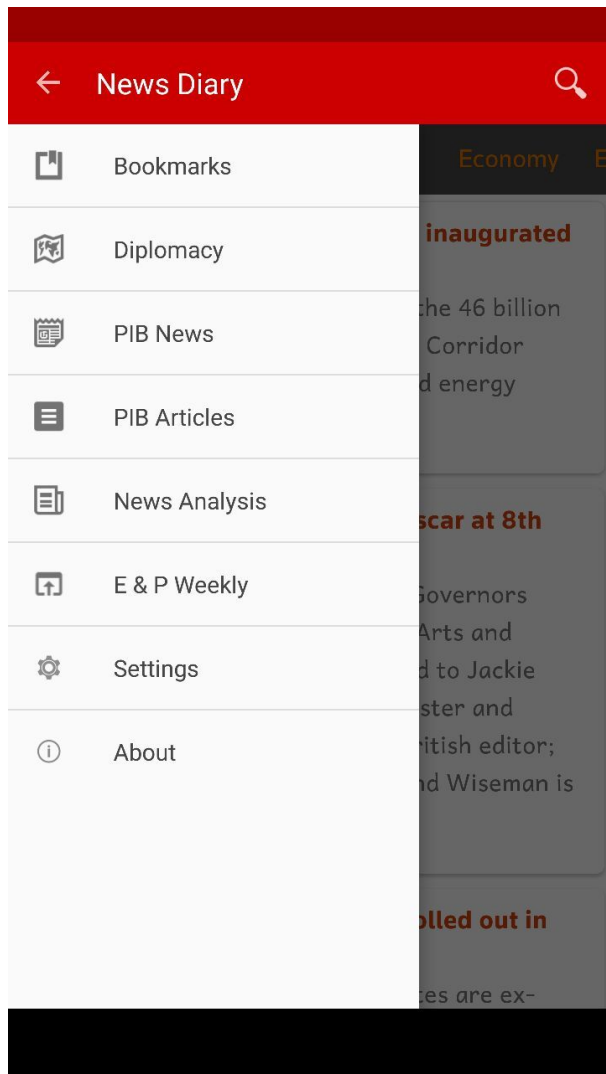
User Interface Mocks

Screen 1



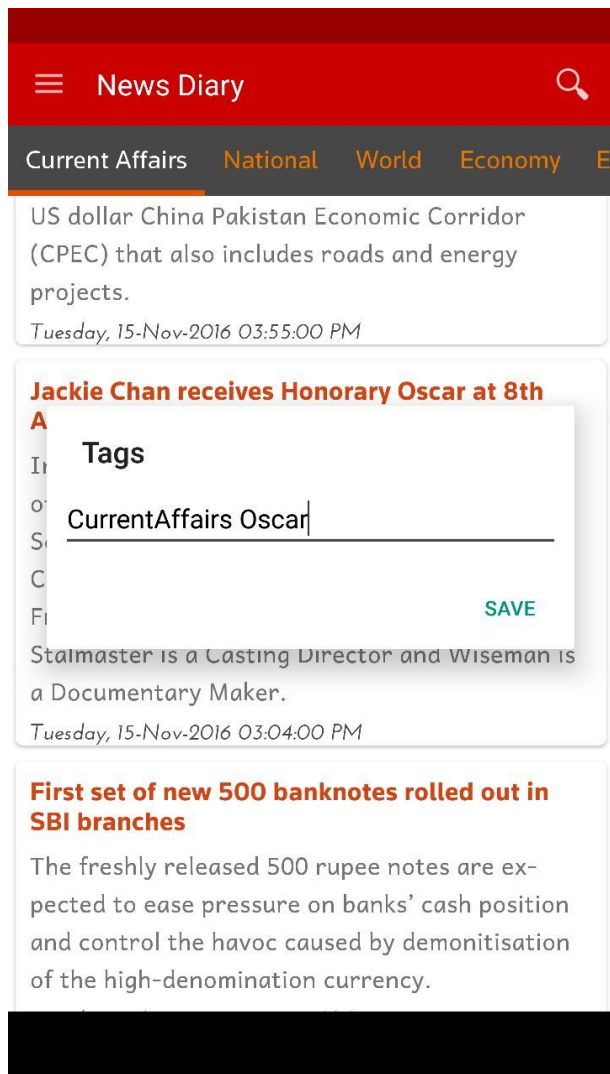
This screen gives you the list of news items. It is a tabbed screen.

Screen 2



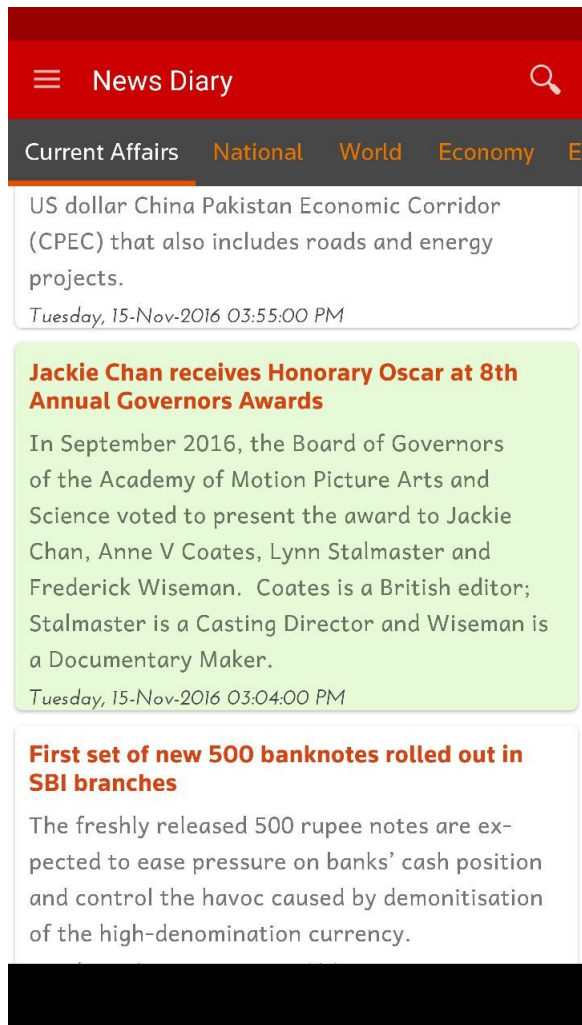
It is a navigation screen where you can check for other items and can configure settings.

Screen 3



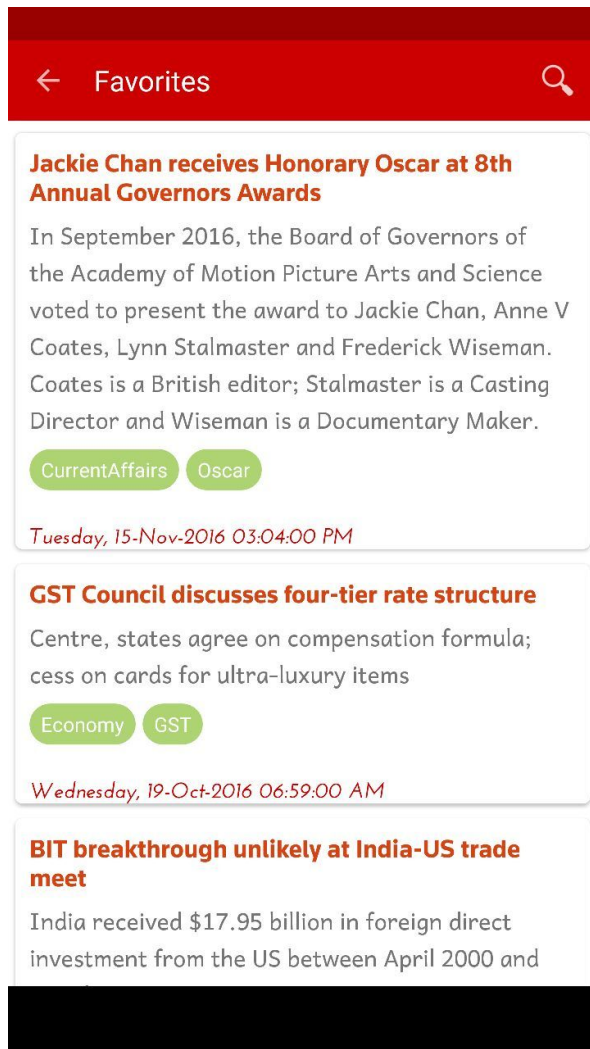
This screen gives you the option to bookmark and tag news items.

Screen 4



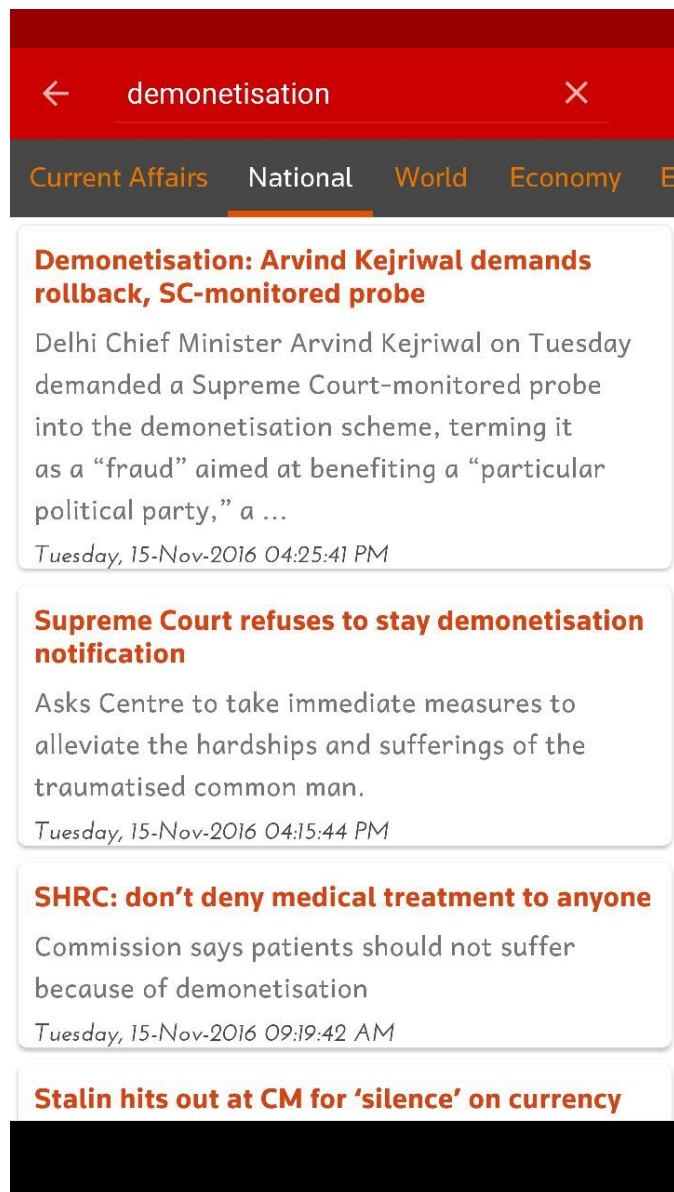
Bookmarked items will be shown in different color.

Screen 5



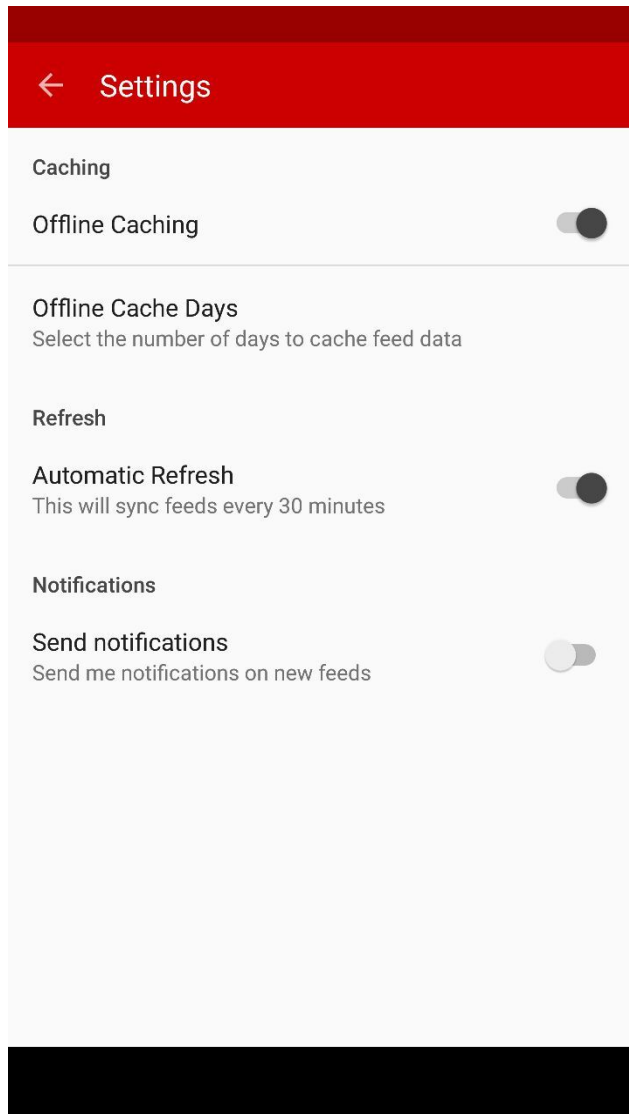
This screen shows you the bookmarked items and also shows the tags.

Screen 6



This screen filters news items using search criteria based on both title and data.

Screen 7



This screen shows you the settings options.

Key Considerations

How will your app handle data persistence?

The app stores data in the device using Realm database.

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

Using Retrofit library for handling of network calls and data.

Using SimpleXMLFramework to process rss feeds data.

Using TagView library for managing tabs.

Using Realm database for storing data in device.

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

- Configure libraries

Task 2: Build Data model

- Build data model for RSS feeds

Task 3: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for each section of TabActivity
- Build UI for Navigation Drawer
- Build UI for settings section
- Build UI for Bookmark items.