

GitHub Username: DeepikaNarayanaswamy

NEWS NOW

Description

The aim of the app is to bring the the latest, top headlines to the user on the following categories

Cricket,

Wildlife,

Technology,

General news. By this way the users will be constantly updated with the events that's currently happening in the world.

Intended User

Students, Professionals and anyone who wishes to know what's happening in the world.

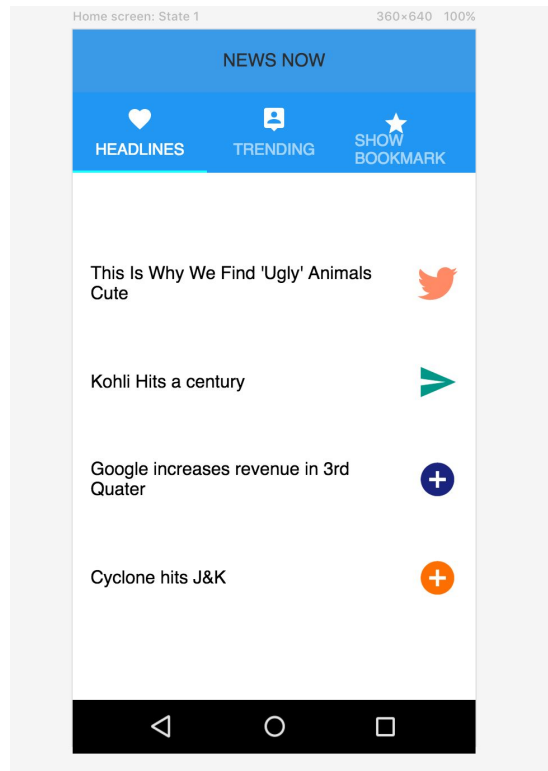
Features

- The news article link can be shared to the contacts in the phone
- Bookmark the news article link and saves for later reading

User Interface Mocks

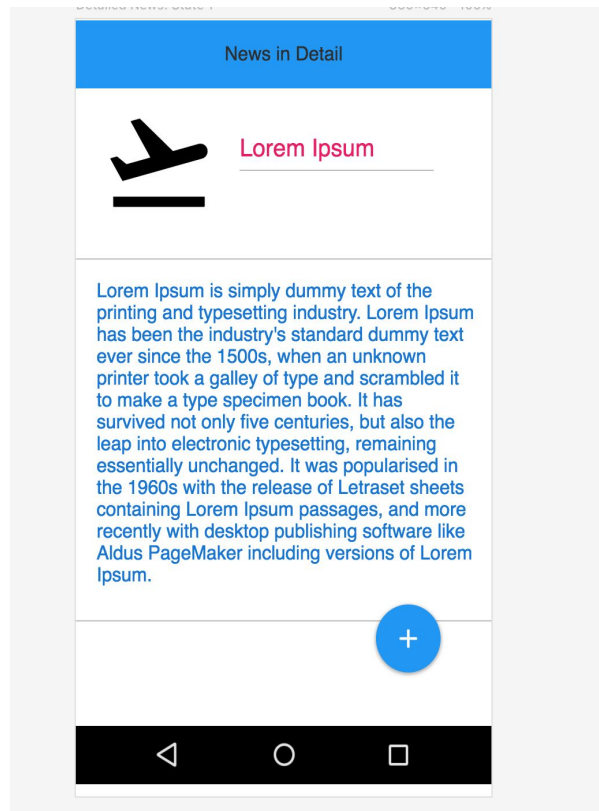
Screen 1

This is the home screen of the app. The user is shown with 3 tabs that shows the headlines, trending news and the bookmarked news.



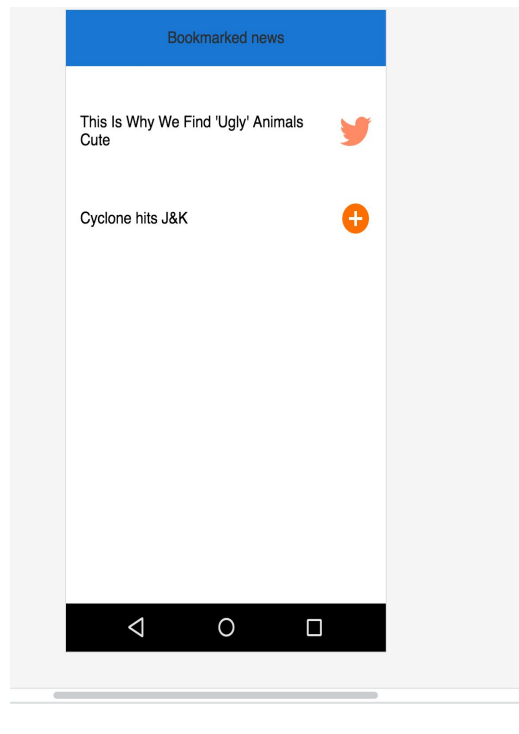
Screen 2

This screen shows the detailed news along with the title. From this screen the user can bookmark the news url and save it.



Screen 3 :

This screen shows the bookmarked urls of the news on clicking the item, the detailed news will



be shown.

Widget :



Key Considerations

How will your app handle data persistence?

The content providers will be used to handle persistence of the url's bookmarked and the information about the news.

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

Picasso for the image loading

Describe how you will implement Google Play Services.

The 2 google play services are

1. Google analytics - We use analytics to track the news categories the user is more interested in reading eg. sports news, tech news.
2. Google adMob - The analytics data that we collect from GA, will be used here to show advertisements to the user based on the news category. For example if the user is more inclined towards sports news then we show ads related to sports such as upcoming sport events.

Next Steps: Required Tasks

Task 1: Project Setup

- Get the api key from <https://newsapi.org>
- This project will be started as an blank activity.

Task 2: Implement UI for Each Activity and Fragment

- UI for the top, latest headlines for the home screen
- The list view for each of news
- Detailed news information
- Toolbar to bookmark the user

Task 3: DB design

- Creating database for the app
- Saving the news information to the db
- Sharing functionality
- Implement content provider to save the data from the response from accessing the REST API

Task 4: Updating with the latest news.

- Sync adapter when the user connects to the internet and reload the db with the latest news.
- The usage of loader to show the data on the screen.