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News Hub

Description

Fond of reading news? Is staying updated in your blood? Then this app is for you. It brings you the news from around 60 renowned newspapers at your fingertips. Now you can read on the go..!!!

Intended User

Everyone who likes to read newspapers. People of all age groups who can read can use the app.

Features

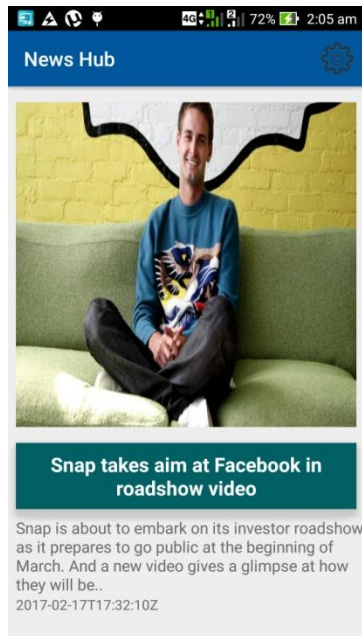List the main features of your app. For example:
- Saves news url to save memory.

- Widget to see the headlines.
- Fetches news from 60 newspapers.

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

The recycler view where you have a list of news from the selected newspaper. It displays the image, title and a short description along with the time of the news. On clicking leads you to the detailed news. The newspaper can be selected from the settings.
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

This is the detailed webview which loads the url of the selected news where the user can read the entire news in detail.
Replace the above image with your own mock [click on the above image, then navigate to Insert → Image…]
Provide descriptive text for each screen

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

Key Considerations

How will your app handle data persistence?

I will build a content provider which will store the following details in the database:
The newspaper, author, title, description, url of the image, url of the entire news.

Describe any corner cases in the UX.

The user can go to the detailed news by clicking on the news and back to the list by clicking the back or the home button. The newspaper can be selected from the settings which loads the mainactivity on selection of a newspaper.

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

Picasso is used for the loading of image.

Describe how you will implement Google Play Services.

Admobs will be used to display ads on the main screen.
Google Analytics to see how the app statistics.

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 libraries
- Get the API key.
- Load the newspapers list in the settings menu (Shared Preference).
- Enter in database and load the list of news of the selected paper.
- Set the onClickListener and intent to view the detailed news.

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 DetailActivity

Task 3: Manage Data Transfer (url) between the two activites.

Manage the onClickHandler so that the appropriate url is sent through the intent.

Describe the next task. List the subtasks. For example:
- Set onClickListener
- Get url from database and send through intent
- Get the url in detail activity and load it in the webview.

Task 4: Set up Admobs

Describe the next task. List the subtasks. For example:
- Create an account in adMobs.
- Load the ads on the main screen.

Task 5: Set up Analytics

Describe the next task. List the subtasks. For example:
- Create account in FirebaseAnalytics
- Something else

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