GitHub Username: minacod

Tell me

Description

Knowing what is happening in the world is important as our world is becoming more and more connected Tell me allow you to get the news from a lot of sources and allow you to search about specific topics

Intended User

Anyone who has an android phone and want to read the news

Features

- Display recent news
- Allow user to search for specific topics
- Allow user to choose specific category
- Display news from multiple sources
- Allow user to save news to view it while offline
- Widget to present saved news headlines

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 Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1 (Main Activity)
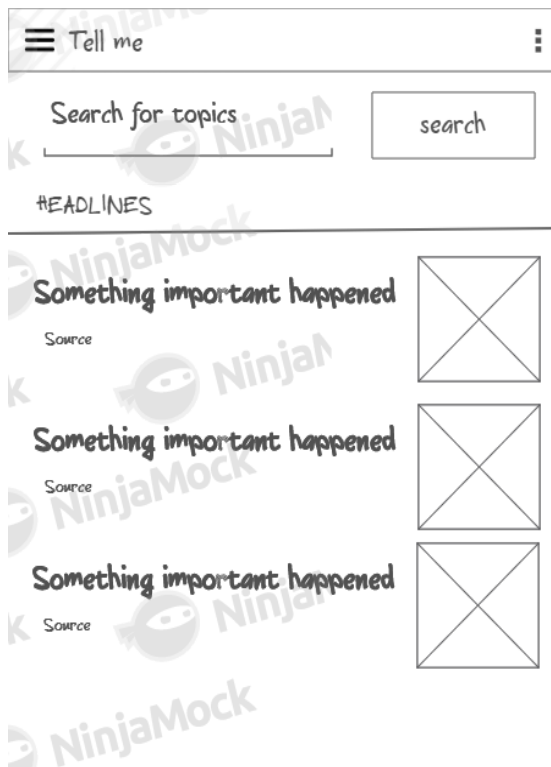
Contain news from all or selected source or from the search

Screen 2

general

science

business

sports

health

technology

entertainment

Offline News
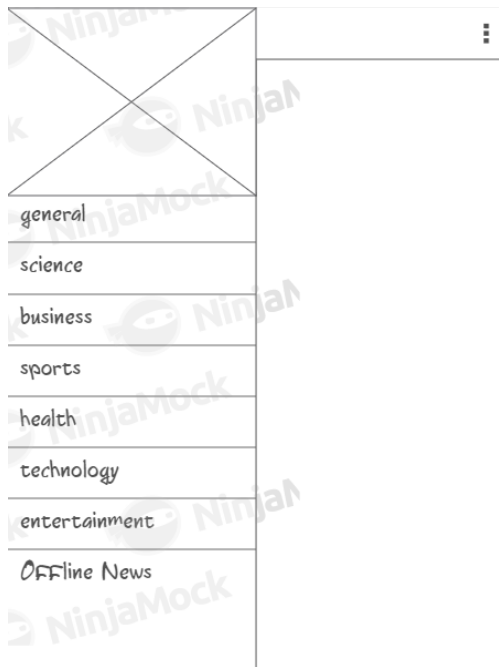
Navigation drawer to easily navigate through the app

Screen 3 (Sources Activity)

☰ General ⋮

NEWS Source

description

NEWS Source

description

NEWS Source

description
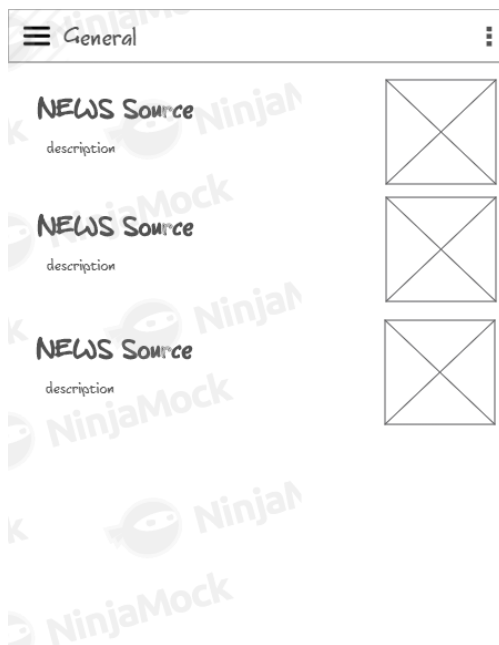
Contain news sources from a selected category

Screen 4 (Details Activity)
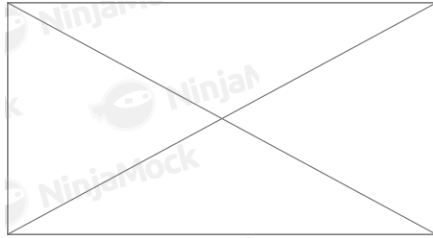
Somthing important happened

Writer name
Source   2018/2/2

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Open in browser

Contain the details of the news

Screen 5 (app widget)

Tell me
Single-Line List
Single-Line List
Single-Line List
Single-Line List
Single-Line List

Contains list of headlines for the cashed news and opens them in the app

Note that the app UI might vary a little bit from the mocks

Key Considerations

How will your app handle data persistence?

Tell me will have a Content Provider

Describe any edge or corner cases in the UX.
- When there is no saved news the app should show a text to inform the user when he/she opens the saved news activity
- When there is no internet the app show the cached news
- Handling the Error responses from the api
- Handling if there is no news from a search done by the user

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

- Picasso or Glide to handle the loading and caching of images.
- Schematic for the Content Provider

Describe how you will implement Google Play Services or other external services.

- Firebase crash reporting.
- Google AdMob.

Next Steps: Required Tasks

Task 1: Project Setup

- Configure libraries
- Building the Utils classes and methods (eg,Json parsing , Network utils, model classes,etc)
- Adding required permissions
- Adding required dependencies

Task 2: Implement UI for Each Activity and Fragment

- Build UI for Main Activity (News Feed)
- Build UI for Sources Activity
- Build UI for Details Activity
- Build UI for Cashed News Activity(i might not implement it and use the MainActivity instead and if implemented it will look similar to MainActivity)

Task 3: Implement the app logic

- Getting the data from the internet(implementing the Loader)
- Binding the data to the UI (Using DataBinding)

Task 4: Polishing the UI

- Refining the app UI/UX
- Adding Navigation Drawer
- Adding more settings for presenting the News

Task 5: Adding the database

- Adding the content provider
- Implementing the code to cashe news offline

Task 6: Adding Google play services

- Adding Firebase crash reporting and test it
- Adding Google Admob

Task 7: Adding the app widget

- Implementing the app widget
- Connect it to the database

Task 8: Testing

- Test the app