

[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: [@abdallahmurad](#)

My Feed: Breaking Headlines & News Articles

Description

My Feed is a an android app that shows users live top and breaking news headlines and allow them to search across every news article that mentions a specific topic or keyword from news sources and blogs

My Feed crawls and index news articles from over 30,000 news sources and blogs. We also monitor the top and breaking news headlines from the following 138 of the most notable of these sources, across over 50 countries.

My Feed Allows the user to read stories from The Guardian, BBC, The Telegraph, Forbes, Wired UK, Condé Nast, Rolling Stone and many more top publications from around the world.

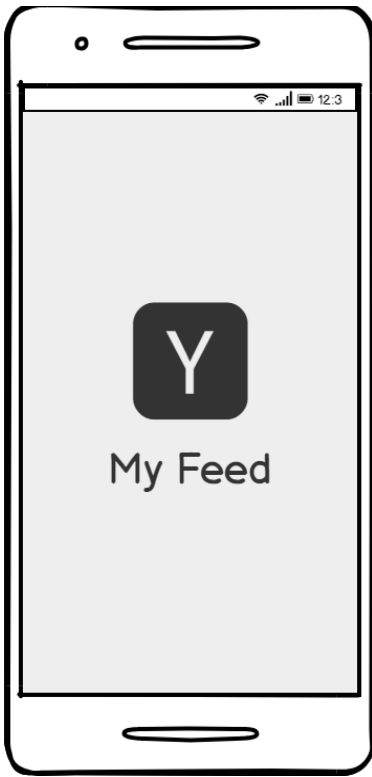
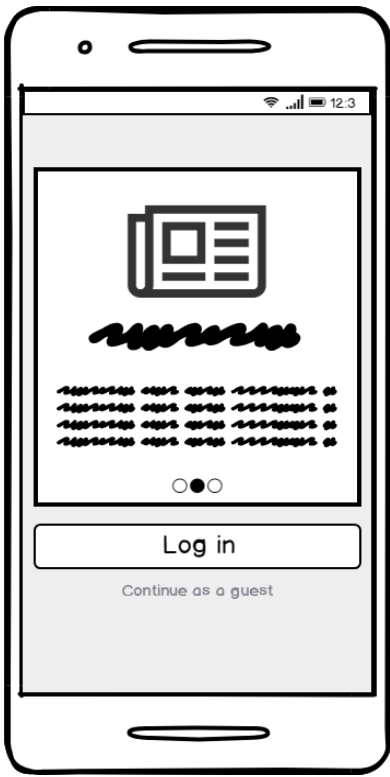
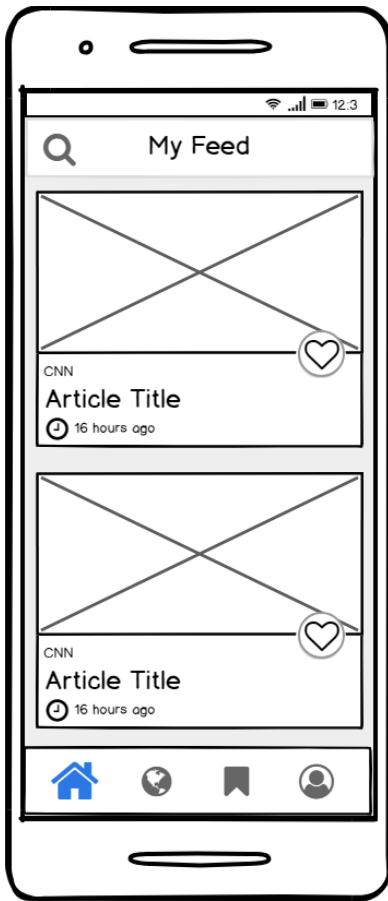
Intended User

This app is for people who like to get a live top and breaking headlines for a country, specific category in a country, single source, or multiple sources. You can also search with keywords. Articles are sorted by the earliest date published first.

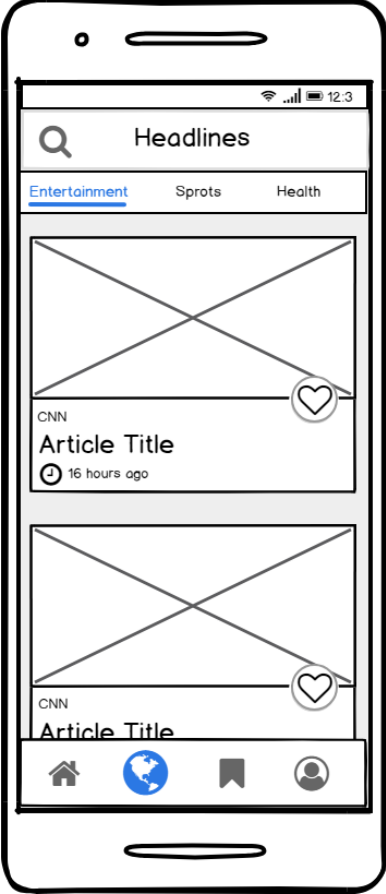
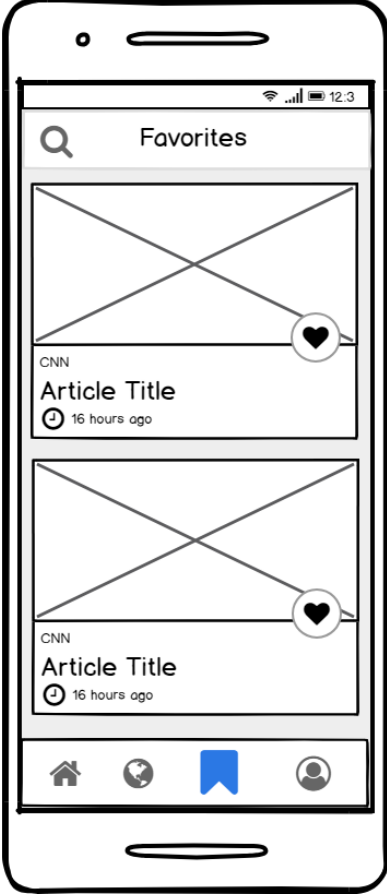

Features

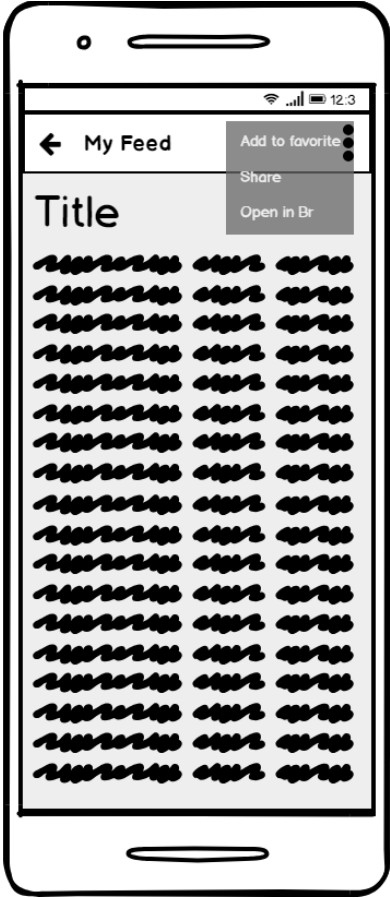
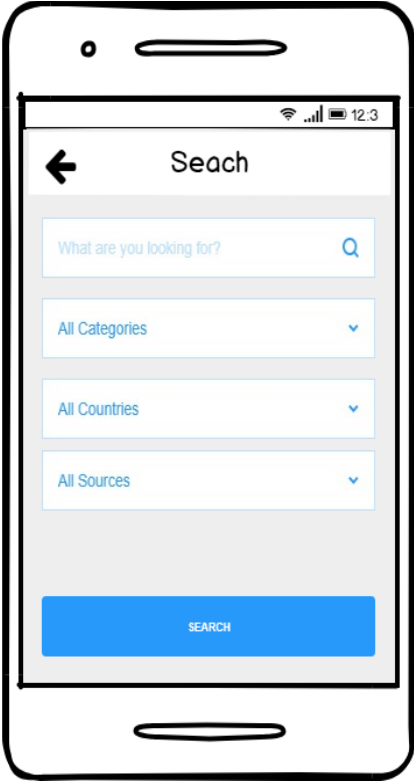

- Multiple Language Support - for the UI -(Arabic - English - Italian)
- Read, like and share articles on a variety of topics and languages
- Share Articles with friends
- Social Media integration
- Day and night reading modes
- search and full archive of your subscriptions
- Search Articles based on: Country, category, keyword, release date , sources , language
- Offline mode
- Push notifications
- User Authentication
- Support Multiple Screen Sizes
- Content personalization
- Offline Content
- Intro Slider
- Save Favorite Articles .
- App provides a widget to provide relevant information to the user on the home screen

User Interface Mocks

| | | |
|--|--|---|
|  |  |  |
| <p>Splash Screen</p> | <p>An Intro Screen with A slider about the App Functionality, with two buttons to Log in or to continue as a guest</p> | <p>The main Screen in the app with a list of articles based of the user preferences</p> |

User Interface Mocks

| | | |
|--|--|--|
|  |  |  |
| Screen that has a list of Headlines | Articles that the user saved | User profile and settings |

| | | |
|---|---|---|
|  <p>The Article Screen mockup shows a smartphone with a status bar at the top displaying signal, Wi-Fi, and battery icons, along with the time 12:3. The app bar has a back arrow and the title 'My Feed'. A floating action menu is visible with options: 'Add to favorite', 'Share', and 'Open in Br'. The main content area displays a list of article items, each with a placeholder image and a title.</p> |  <p>The Search Screen mockup shows a smartphone with a status bar at the top displaying signal, Wi-Fi, and battery icons, along with the time 12:3. The app bar has a back arrow and the title 'Search'. The main content area features a search input field with the placeholder text 'What are you looking for?' and a magnifying glass icon. Below the input field are three filter sections: 'All Categories', 'All Countries', and 'All Sources', each with a dropdown arrow. A blue 'SEARCH' button is at the bottom.</p> |  <p>The Selection Dialog For The Languages, Categories and Sources mockup shows a smartphone with a status bar at the top displaying signal, Wi-Fi, and battery icons, along with the time 12:3. The app bar has the title 'Profile'. The main content area displays a dialog box titled 'Select From The List'. The dialog contains a list of items with checkboxes: Arabic, Englis, Italin, Arabic, Arabic, Englis, Italin, and Englis. A 'Done' button is at the bottom right of the dialog. The bottom navigation bar shows icons for home, search, bookmarks, and profile.</p> |
| <p>Article Screen</p> | <p>Search Screen</p> | <p>Selection Dialog For The Languages , Categories and Sources</p> |

Key Considerations

How will your app handle data persistence?

Android Architecture Components (Room , ModelView , Life Data)

Describe any edge or corner cases in the UX.

If the screen orientation changed the app will save the data of the screen and not reload it again

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

Retrofit : Restful Api
Android Support Library
Glide : Image Loading
Firebase Auth: Authentication
Firebase Messaging : Push Notification
Binding Library : Data Binding
Gson : Pojo
Google Material Icons
Font Awesome
Espresso : Testing
Room : data persistence

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

analytics will be added as Google Play Service.

Required Tasks

Task 1: Project Setup

- Implement The UI For All The Activities and Fragments

Task 2: Api Setup

- Connect The Api With The UI

Task 3: Implement User Authentication

- Implement User Authentication
- Create The Customized Content Based On User Preferences

Task 4: Connect The App to Firebase

- Implement Firebase Notification
- Implement Firebase Database For the Favorite Articles

Task 5: Widget

- Implement a widget

Task 6: Testing

- Implement Ui Testing