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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.
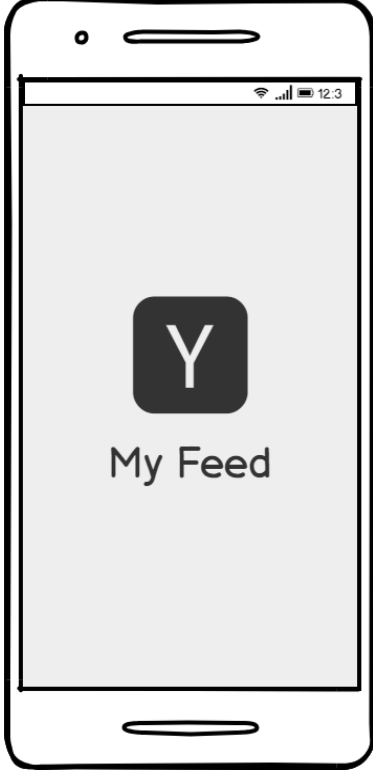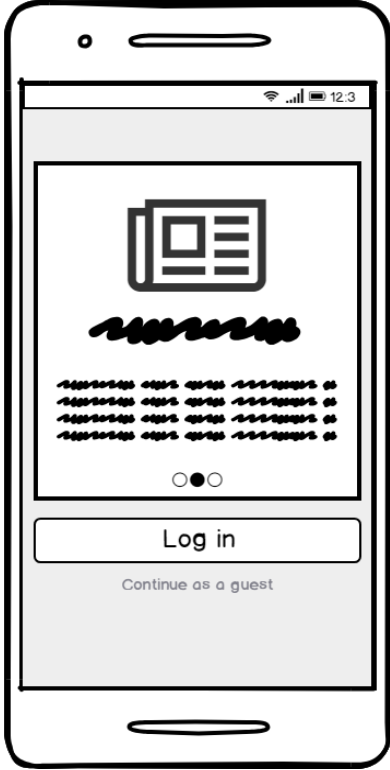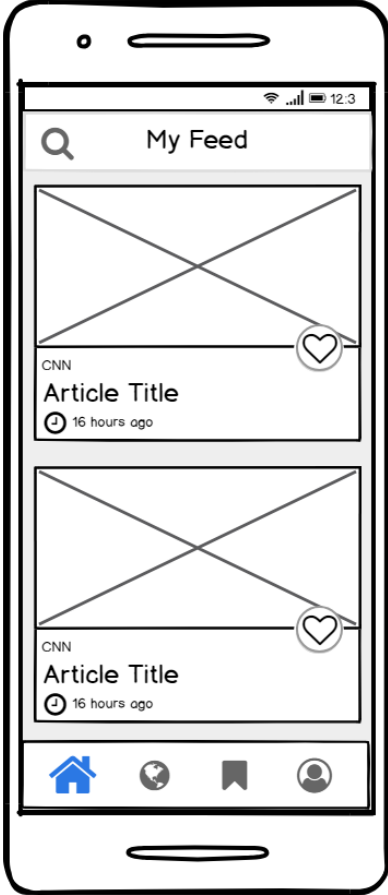
Intended User

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
- App is written solely in the Java Programming Language
- 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
- App keeps all strings in a strings.xml file and enables RTL layout switching on all layouts.
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- layouts
- App provides image descriptions if the image did not load
- App Allow Voice Search
- the app uses an AsyncTask, to performs on-demand requests(such as search)
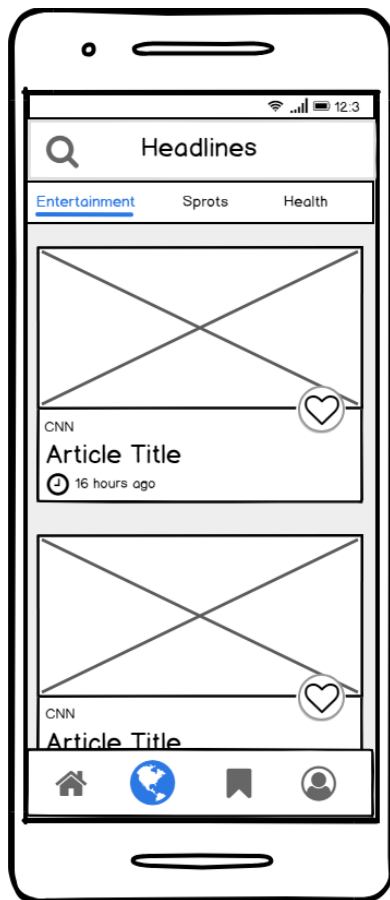
User Interface Mocks

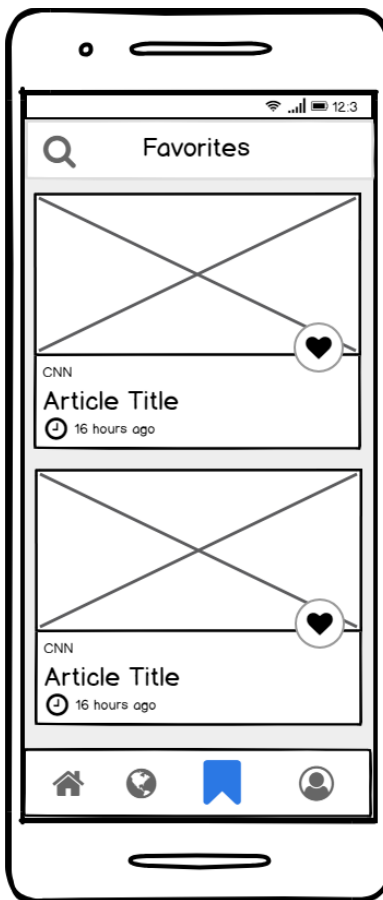|		
Splash Screen	An Intro Screen with A slider about the App Functionality, with two buttons to	The main Screen in the app with a list of articles based of the user

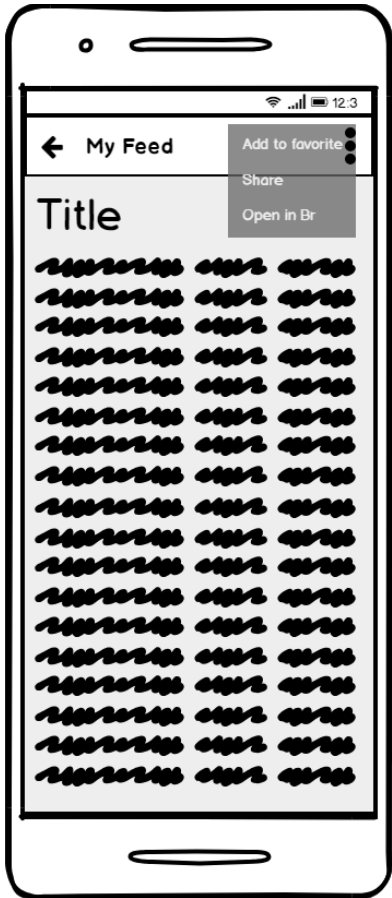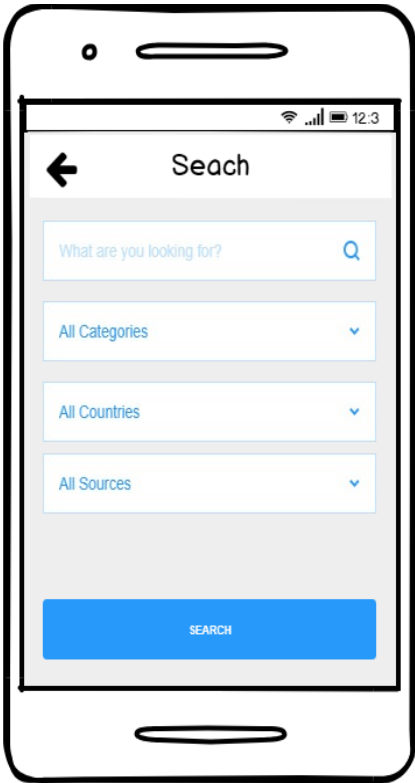|	Log in or to continue as a guest	preferences

User Interface Mocks

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

Article Screen	Search Screen	Selection Dialog For The Languages , Categories and Sources

CNN

7 Little Tricks To Achieve The Best Results

The Ultimate Revelation Of Android.

5 Facts That Nobody Told You About Andro

5 Latest Developments In Android.

15 Doubts You Should Clarify About Android

Ten Things To Avoid In Android.

A Widget to show the latest news from a source		

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 - 2.4.0 : Restful Api
Android Studio - 3.2.1
Android Support Library - 28.0.0
Glide - 4.7.1 : Image Loading
Firebase Auth - 16.0.5 : Authentication
Firebase Messaging - 16.0.5 : Push Notification
Binding Library : Data Binding
Gson - 2.8.2: Pojo
Google Material Icons - 3.0.1.2
Font Awesome - 5.0.13
Espresso - 3.0.2 : Testing
Room - 1.1.1 : 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