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## NYF (News For You)

### Description

Read the day's top stories and breaking news from the industry's best sources, hand-picked by our editors. Plus, easily stay updated on any topic you care about, from global events to your local news.

Explore World, Technology, Politics, Money, Entertainment, Sports, Crime, and Offbeat categories from best sources.

#### BREAKING NEWS

Stay up-to-date with breaking news alerts.

#### FAVORITE STORIES

Favorite the stories you loved so that later you can visit them

#### SHARING STORIES

Share your favorite articles, videos, and photos with your friends via Twitter, Facebook, text, or email.

### EASY NAVIGATION

Swipe left or right to read the next article. Tap the menu to explore Headlines, Local, and different Categories.

### EASILY AVAILABLE NEWS

Tune your layout with any of 60 country-specific editions, homescreen widgets and various news section

### READ DETAIL STORY

Tap any story for a broad selection of viewpoints, including in-depth articles, opinions and local perspectives

## Intended User

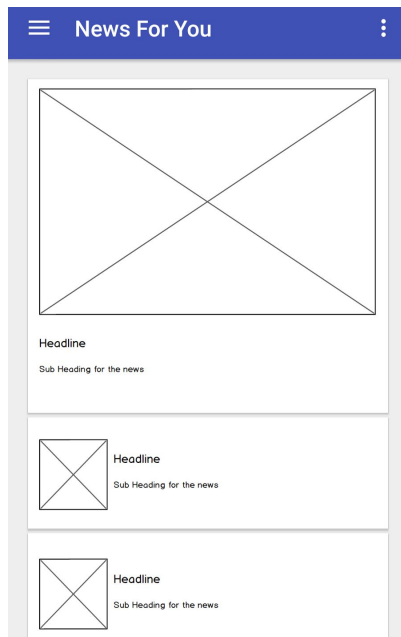
This app is for news lovers who love to stay up-to date on various news topics and to stay aware of what's happening in their locality.

## Features

- Share favorite articles with your friends
- Favorite articles so that you can visit them later
- Breaking news alerts
- Local news based on your country
- Various categories to read news from

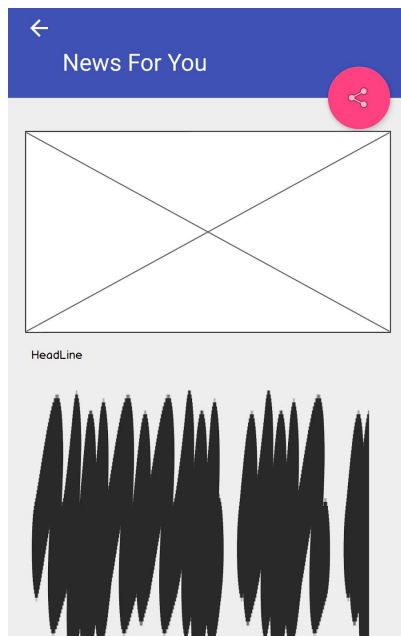
## User Interface Mocks

### Screen 1



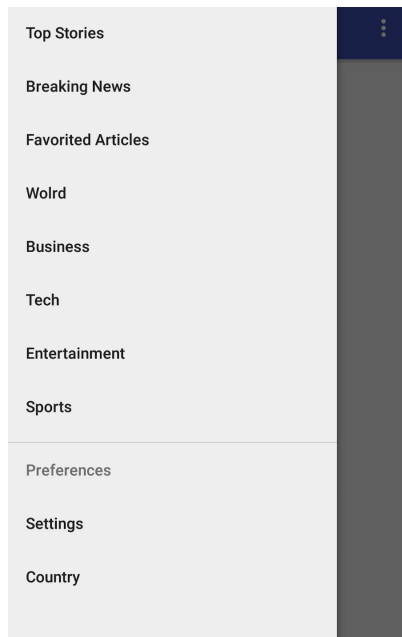
### Main Activity

### Screen 2



### Detail Activity

## Screen 3



### Navigation Drawer

## Key Considerations

### How will your app handle data persistence?

- A content provider will be built to store all the news articles and favorited articles.
- A sharedPreferences will be used to save the user's country code.
- A sharedPreferences will be used to save the constant error case value to update empty view

### Describe any corner cases in the UX.

No corner cases

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

- Picasso will be used to handle the loading and caching of images.
- Retrofit will be used to fetch data from the server
- Google Gson library will be used to convert json data to gson
- net.simonvt.schematic will be used to create content provider

## Next Steps: Required Tasks

### Task 1: Project Setup

- Define minimum, Compiled and Targeted SDK version
- Define buildTool version
- Configure Libraries with latest versions
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### Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity with viewpager
- Build UI for DeatilArticle Activity
- Build UI for navigation drawer

### Task 3: Handle Error Cases

- Create empty view
- Define constants for different cases
- Store the constant value for a specific case in sharedPreferences
- Update empty view according to the constant value

### Task 4: Create Content Provider

- Create table columns
- Create table and Database
- Create uri matcher

### Task 5: Implement Sync Adapter

- Create stub authenticator
- Write on perform sync

### **Task 6: Fetching Data from Server**

- Create Classes in line with json data
- Define retrofit API interface

### **Task 7: News Alert**

- Create Notifications for breaking news

### **Task 8: Android wear Integration**

- Create Android wear Activity
- Create ListView to show all the headlines