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Breaking News

Description

Breaking News app is an Android app that collects news from different portals and displays them in a readable way. The different categories are Health, Science, Business, Entertainment, Sports, Technology and General.

Intended User

The intended user is the reader who wants to read news daily, and he/she gets an update of the headline by the notification.

Features

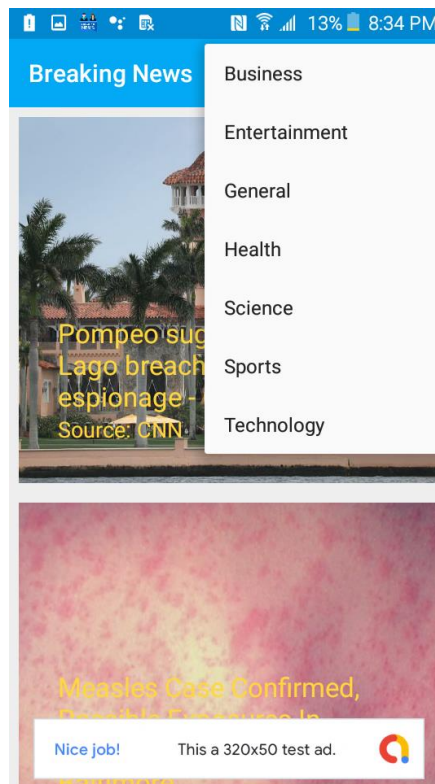
It shows the latest breaking news

- It shows the news from all categories such as Health, Science, Business, Entertainment, Sports, Technology and General.

User Interface Mocks

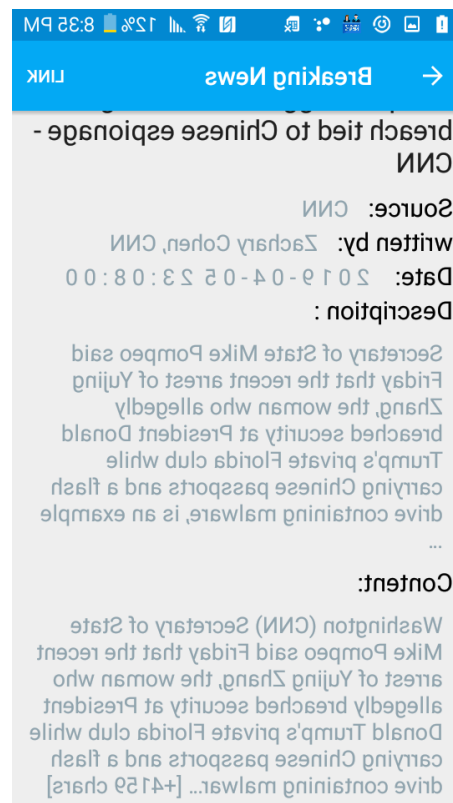
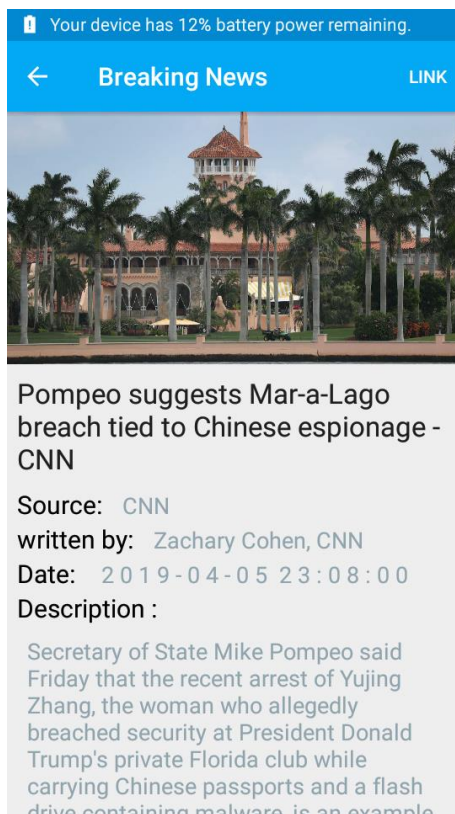
Screen 1

This is the main screen of the app. It shows a title and an image of the news.
The screen shows the navigation options.



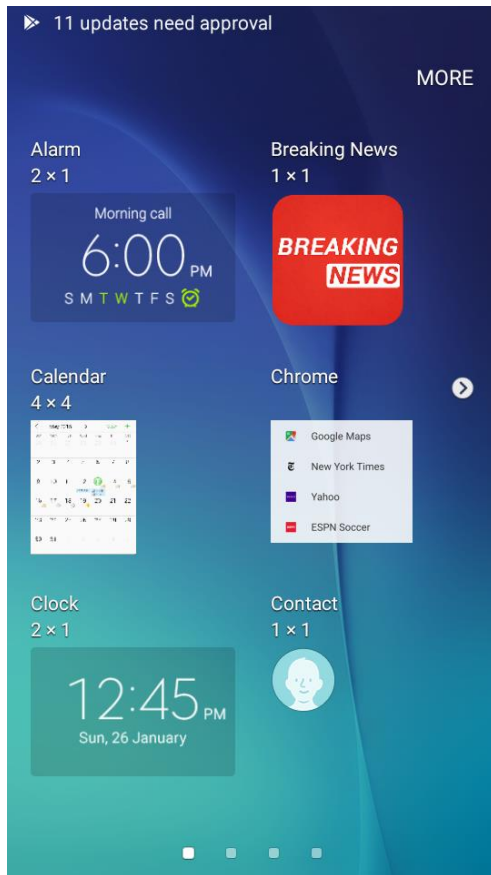
Screen 2

The screen shows the detail of the news that was clicked.



Screen 3:

It will have the App Widget to display latest news.



Key Considerations

How will your app handle data persistence?

The app will handle data by creating SQLite database and using the content provider to store news data, and this app is also using a loader to retrieve the data in the content provider.

Describe any edge or corner cases in the UX.

The main Activity will display a list of image and title of each of the breaking news. If the users want to know about the news; they have only to click in the image and Detail Activity will display with more information about the selected news. The app has also a menu of different category, where the news display by the selected category.

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

I used Picasso to handle the loading and caching of images.

I used Google AdMob to display ads in the free version.

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

I will implement the services by adding the dependencies.

Next Steps: Required Tasks

Task 1: Project Setup

1. Create a new project in Visual Studio and coding with Java
2. Configure libraries
3. Added the permission
4. Signing configuration
5. Build configuration

Task 2: Implement UI for Each Activity and Fragment

1. Build UI for MainActivity using Java.
2. Build UI for DetailsActivity using Java
3. Build UI for Navigation
4. Build UI for Widget

Task 3: Your Next Task

1. Create layout of the MainActivity using XML and LineraLayout
2. Create layout of the DetailsActivity using XML and LinearLAYOUT.
3. Create layout of the Widget using XML

Task 4: implement newsAdapter

1. Create newsAdapter.

Task 5: Implement AsyncTask class

- Create myAsyncTask class to fetch data from the newsapi.org website.