# **Project Report**

#### 1 INTRODUCTION

#### 1.1 Overview

## **An Android Application For Keeping Up**

#### The Latest Headlines

#### **Project Description:**

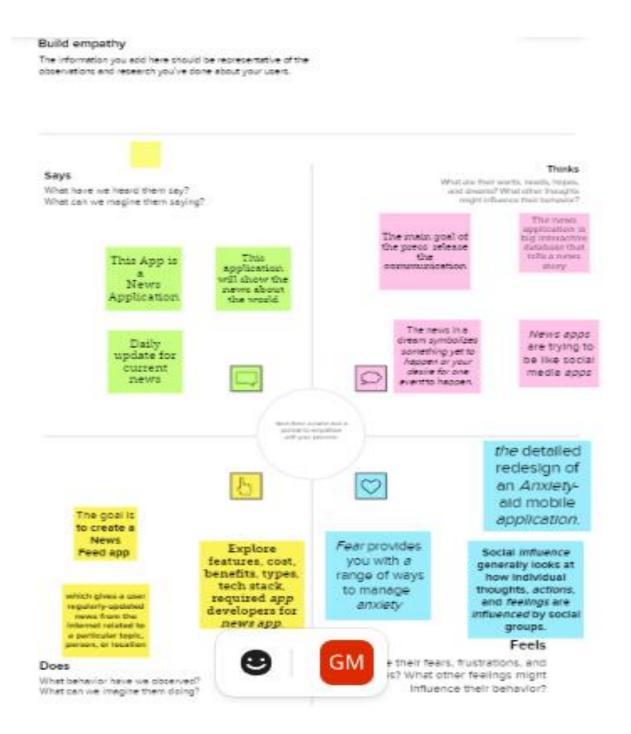
- The app's main feature is displaying a list of news articles, each with a title, image, and brief description.
- Users can scroll through the list of articles and tap on an article to view more details.
- The app uses the Jetpack Compose UI toolkit to build the UI and it uses the coil library to load images.
- The app fetches data from a remote server using Retrofit library and demonstrates how to use the Jetpack Compose UI toolkit for Android development.

## 1.2 <u>Purpose</u>

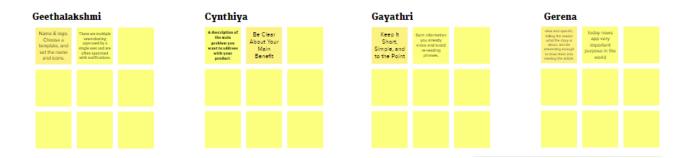
- A news application is a big interactive database that tells a news story.
- Think of it like you would any other piece of journalism. It just uses software instead of words and pictures.
- People check their phones multiple times in the day.
- This means when they have your app on their phone, chances of them using your app are a lot higher than typing in your website URL in their browsers.
- news app is bound to engage your audiences more effectively

#### 2 Problem Definition & Design Thinking

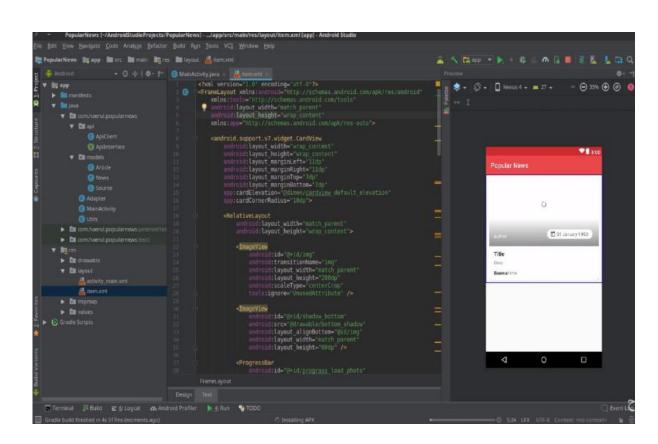
#### 2.1 Empathy map

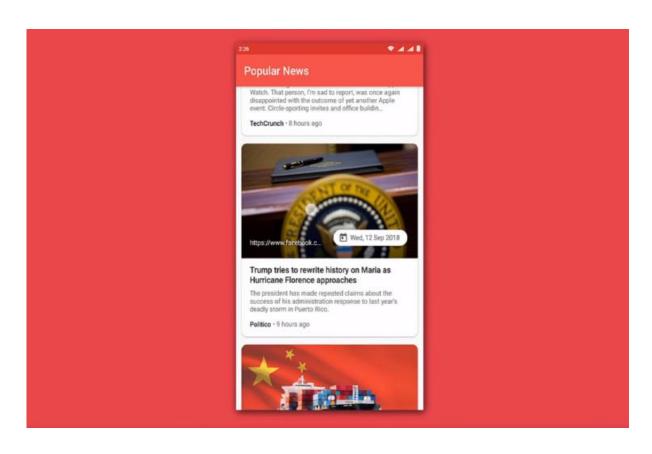


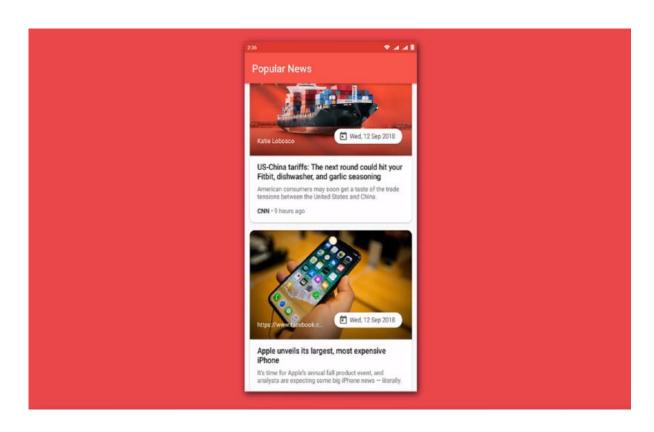
### 2.2 Ideation & Brainstorming Map



### 3 RESULT







#### **4 ADVANTAGES & DISADVANTAGES**

#### **Advantages:**

- These apps provide the regular updates and info about the trending topics or events in the user's device.
- There are many sites that provide free app for iPhone, Android, and other platforms. The user gets free app downloads from the websites.
- There are many features in the applications that give live details to the user.

## **Disadvantages:**

- Require data/wifi to get online.
- Companies not making as much money due to free reading for audiences.
- News spreads quicker online people find out news before they should.
- Lose money can't get people to pay for digital.
- Costly to maintain

## **5** APPLICATIONS

- A news application is a big interactive database that **tells a news story**. Think of it like you would any other piece of journalism.
- It just uses software instead of words and pictures.
- The news media are those elements of the mass media that focus on delivering news to the general public or a target public.

#### 6 CONCLUSION

- The android application keeping up with an latest headlines used for the task completion for used mural
- The next process of the upload the task in github

#### **7 FEATURE SCOPE**

- Quick Entry via Social Login
- Option to Create a User Profile
- Discover a New Option for Better App Exploration
- Feed-in Main Page
- Easy-to-find Search Button
- Option to Read Later with Offline Access
- Intelligent Filtering
- Integration of Social Media

### **7** APPENDIX

## A. Source Code

```
News App [CI/Users\This PC\AndroidStudioProjects\NewsApp] - ...\app\src\main\javs\com\example\newsapp\models\News.javs [app] - Android Studio
Elle Edit View Navigate Code Analyze Befactor Build Run Tools VCS Window Help
                                                                                                             NewsApp | No app | No arc | No main | No java | Dit com | Dit example | Dit newsapp | Dit models | News
    ♠ Android ▼
♦ Sourcejava ×
♦ News,java ×
♣ Android Manifest xml ×
     III app
► ■ manifests
                                                                                      package con.example.newsapp.models:
                                                                                      import com.google.gson.annotations.Empose:
import com.google.gson.annotations.SerializedName:
            v 🖾 models
                                                                                      import java.util.List;

    Article
    News
                                                                                      public class News (
@SerializedMame("status")
         Source
MainActivity
                                                                                           private String status;

    com.example.newsapp (androidTest)
    com.example.newsapp (test)
                                                                                            @SerializedWame("totalResult")
      > To java (generated)
                                                                                            private int totalResult;
                                                                                            OSerializedHame ("articles")
         ► DI lavout
                                                                                            private List<Article> article:
    ▼ # Gradle Scripts

# build.gradle (Project: News App)
                                                                                           public String gotStatus() {
   return status;
         w build.gradle (Module: app)
          gradle-wrapper.properties (Gradle Version)
         proguard-rules.pro (ProGuard Rules for app)
gradle.properties (Project Properties)
settings.gradle (Project Settings)
local.properties (SDK Location)
                                                                                           public void setStatus(String status) {
    this.status = status;
                                                                                            public void setTotalResult(int totalResult) (
    this.totalResult = totalResult;
     E is Logcat III TODO III Terminal ≤ Build
Gradle build finished in 56 s 138 ms (yesterday 11:44 PM)
                                                                                                                                                                                     20:1 CRLF: UTF-8: 4 spaces: % 10 0
```

