# News app - Headlines update

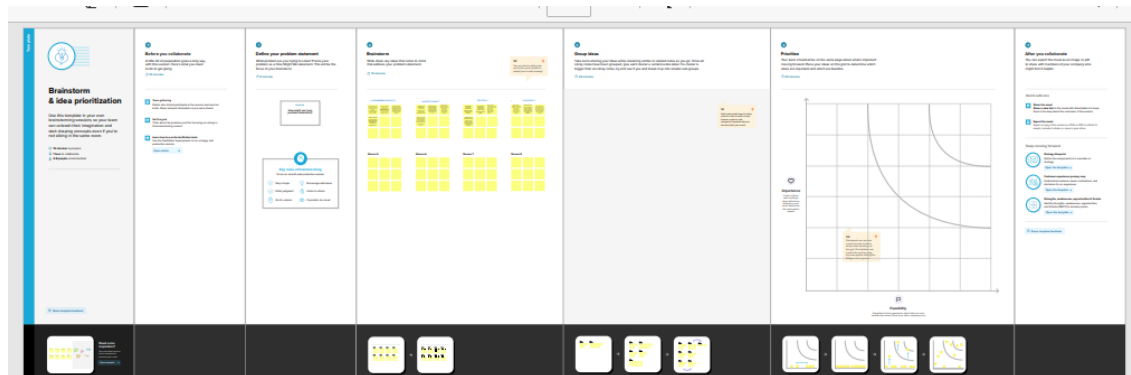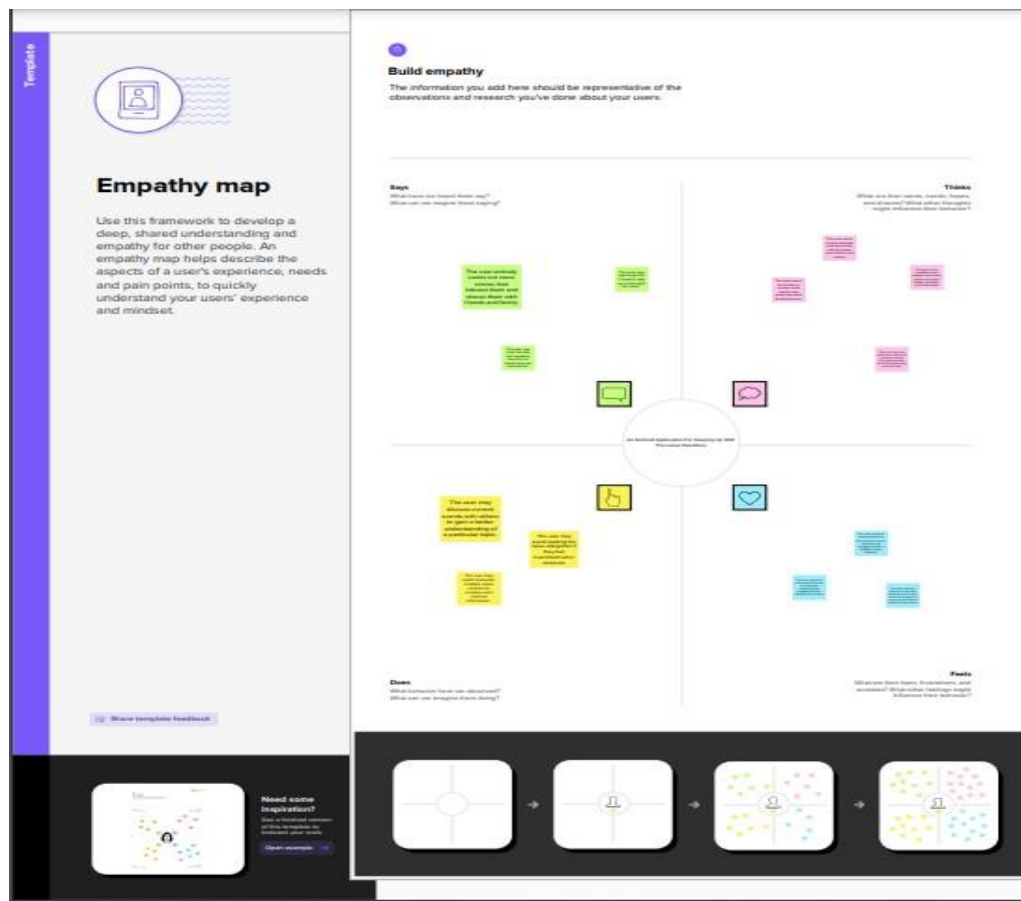## 1. INTRODUCTION

### 1.1. Overview:

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.

- You'll be able to work on Android studio and build an app.
- You'll be able to integrate the database accordingly. ☐ You'll be able to integrate the API's accordingly.
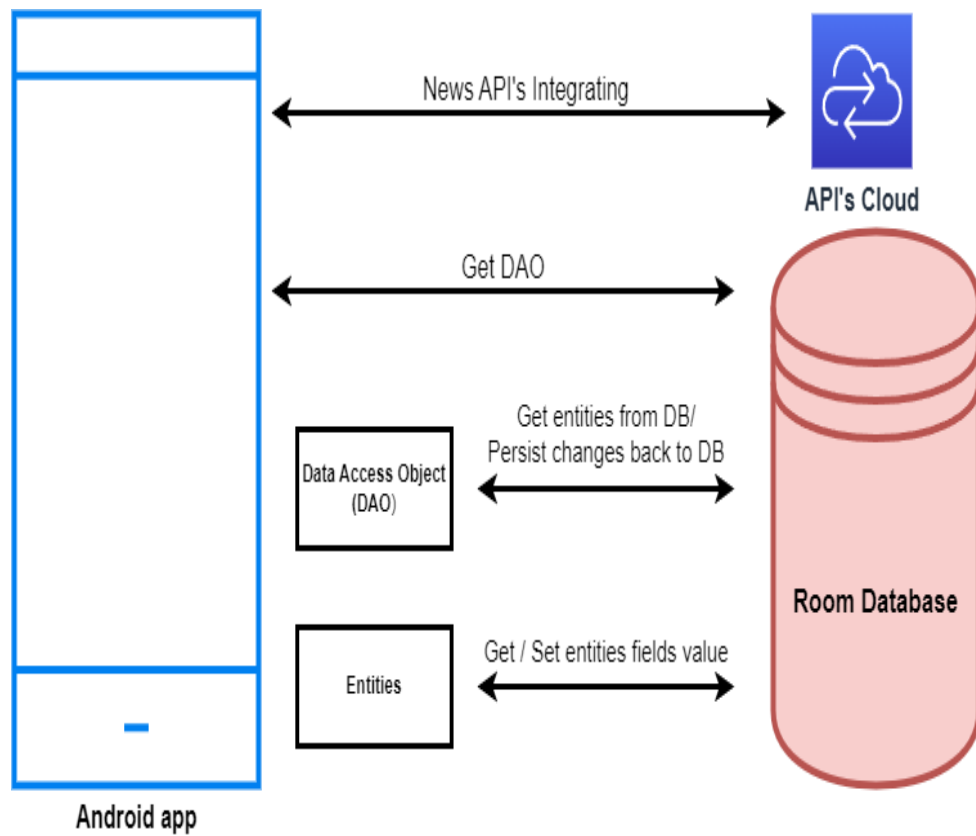
### 1.2. Purpose:

The purpose of this project is to update the latest headlines using the help of API.
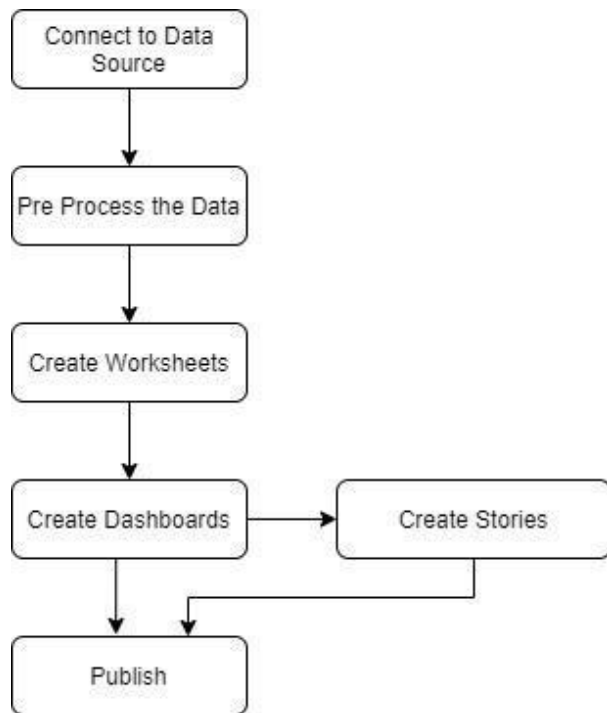
## 2. LITERATURE SURVEY

# 3. THEORITICAL ANALYSIS

## 3.1 Block diagram:

News API's Integrating

API's Cloud

Get DAO

Get entities from DB/
Persist changes back to DB

Data Access Object
(DAO)

Room Database

Get / Set entities fields value

Entities

Android app

**3.2 Hardware / Software designing:**
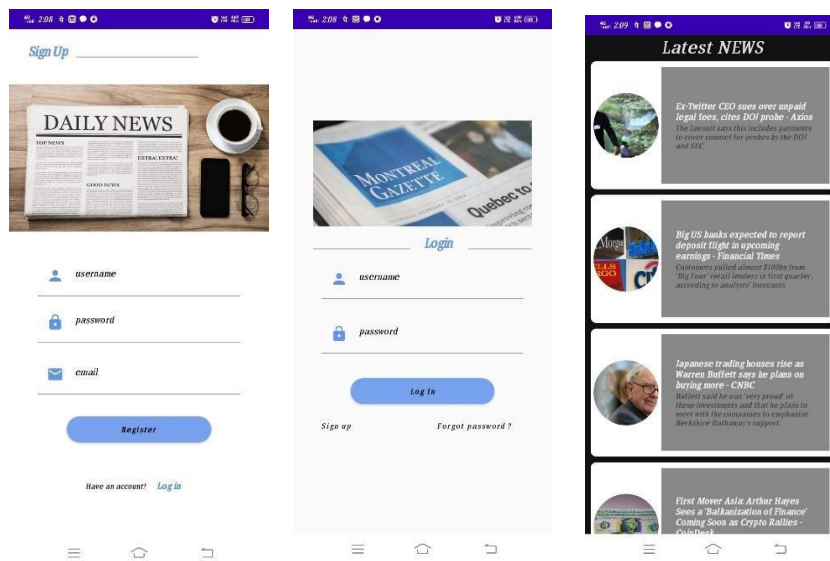
Software: Android development kit

## 4.    FLOWCHART Control flow of the solution

## 5. EXPERIMENTAL INVESTIGATIONS

- Since the continents Australia, Central and South America and Australia have very less number of Tourist Arrivals ,these continents should be targeted more towards advertising the heritage,beauty and culture of India ,so as to have more number of tourists from the countries of these continents.
- During this project it was found out that the majority of the Tourist Arrivals to India from 2001 till 2016 have come from the continents of Asia,Europe and North America.
- Whereas there have been very less arrivals from the continents of Africa,Central and South America and Australia.

## 6. RESULT

## 7. ADVANTAGES & DISADVANTAGES

Better solutions can be improvised to improve growth rate of the knowledge from different countries using a quick and user friendly visualization.

More data is needed to give accurate results of each and every commune from different countries.

## 8. APPLICATIONS

- News and Headlines update.
- This App can be used for knowing about the world news.
- It can also be used in learning knowledge.

## 9. CONCLUSION

The above project has been made considering topics taught in the boot camp and other previous experiences.This visualization is user friendly and can be understood by anyone without previous programming knowledge and can implemented in a effective way.

## 10. FUTURE SCOPE

Prediction of future growth rates can be made using few algorithms in kotlin. Accordingly many decisions can be made. Since there was a 5 day boot camp related to the challenge, I have restricted my project only to visualization considering the topics that have been taught.