PROJECT REPORT

An Android Application for Keeping Up with the Latest Headlines

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INTRODUCTION

Welcome to our new Android application for keeping up with the latest headlines! In this fast-paced world, it's more important than ever to stay up-to-date with current events. Our app provides you with easy access to the latest news from around the world, right at your fingertips. With a clean and user-friendly interface, you can quickly browse through the latest headlines, read articles that interest you, and share them with your friends and family. Our app covers a wide range of topics, including politics, business, technology, sports, and entertainment, so you can stay informed about the things that matter most to you.
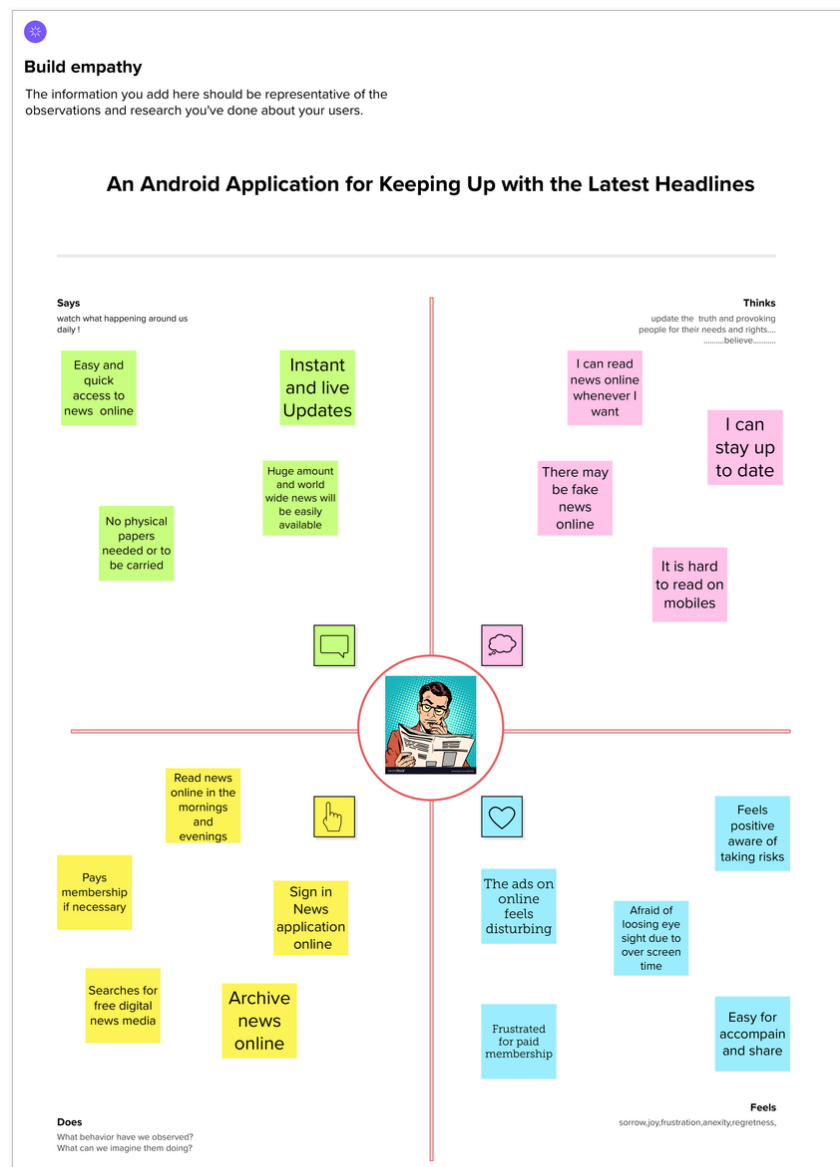
1.1 Overview

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.

1.2 Purpose

The purpose of our Android application for keeping up with the latest headlines is to provide users with a quick and convenient way to stay informed about the latest news and events from around the world. With the fast pace of modern life, it can be difficult to keep up with all the important news stories that are happening on a daily basis. Our app aims to make it easier for users to stay up-to-date with the latest developments by providing them with a wide range of news articles covering various topics, including politics, business, technology, sports, and entertainment.

2. PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map

Build empathy

The information you add here should be representative of the observations and research you've done about your users.

An Android Application for Keeping Up with the Latest Headlines

Says
watch what happening around us daily !

- Easy and quick access to news online
- Instant and live Updates
- Huge amount and world wide news will be easily available
- No physical papers needed or to be carried

Thinks
update the truth and provoking people for their needs and rights....
..........believe...........

- I can read news online whenever I want
- I can stay up to date
- There may be fake news online
- It is hard to read on mobiles

- Read news online in the mornings and evenings
- Pays membership if necessary
- Sign in News application online
- Searches for free digital news media
- Archive news online

- Feels positive aware of taking risks
- The ads on online feels disturbing
- Afraid of loosing eye sight due to over screen time
- Frustrated for paid membership
- Easy for accompain and share

Does
What behavior have we observed?
What can we imagine them doing?

Feels
sorrow,joy,frustration,anexity,regretness,

Source File:

https://github.com/naveen16M/Headlines-app/blob/main/Headlines%20empathy%20map_2023-04-20_06-47-25_122433.pdf

2.2 Identation
 & Brainstroming map

Brainstorm
& idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

🕐 **10 minutes** to prepare
⏳ **1 hour** to collaborate
👤 **2-8 people** recommended

💬 Share template feedback

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕐 **10 minutes**

A **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

C **Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

Open article →

① Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕐 **5 minutes**

> PROBLEM
> How might we [your problem statement]?

Key rules of brainstorming
To run an smooth and productive session

👁 Stay in topic.   Encourage wild ideas.

👂 Defer judgment.   Listen to others.

👍 Go for volume.   If possible, be visual.

Need some inspiration?
See a finished version of this template to kickstart your work.

Open example →

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕐 10 minutes

Naveen

We can add promotions to generate revenue	Subscription based platform would be better	Verifying each news will prevent fake news
Email marketing is best option to attract readers	SEO optimization surely take us high	

Vignesh

We will providing valuable news	News suggestion will be made as per the readers age	Many news on different sectors will be published

Aathi Narayanan

Initially we should be provide this service completely free	We may need many content writers	News app should be OS independent

Santhosh

Easy to access user interface	Push notifications to make readers login	We should release the app on web as well as app store
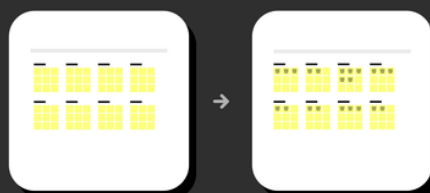
3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 **20 minutes**

Gathering and Organizing

Collecting information all over the world	Removing unwanted news	Organizing news as per sector

TIP 💡

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Publishing news online

Register and login

At first the user is directed to registration page

Then user is redirected to a login page
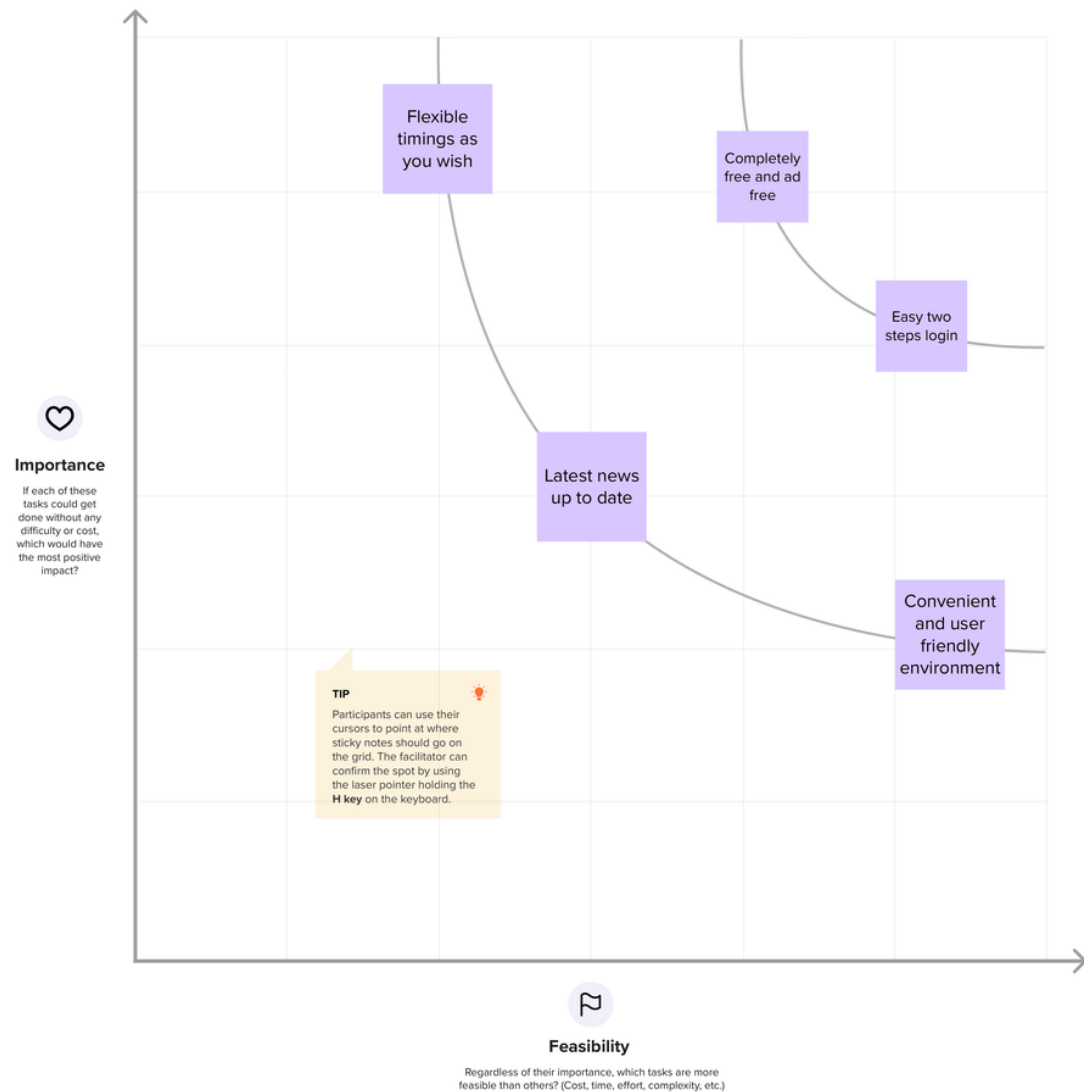
Accessing the news

Once the user logged in they could start reading the available news

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕐 20 minutes

♡

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Flexible timings as you wish

Completely free and ad free

Easy two steps login

Latest news up to date

Convenient and user friendly environment

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

⚑

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

RESULTS

88%
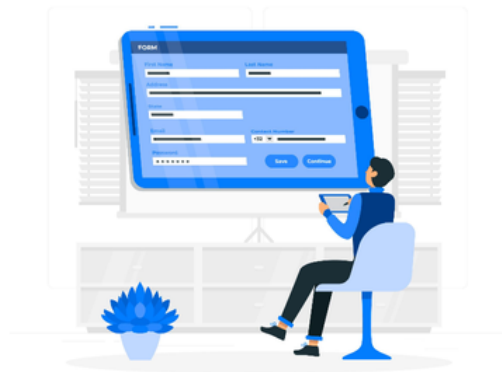
Sign Up

👤 username

🔒 password

✉️ email

Register

Have an account? **Log in**

Login

👤 Naveen

🔒 ••••••••|

Successfully log in

Log In

Sign up   Forgot password ?

Netflix is ending its DVD-by-mail service - The Associated Press

SAN FRANCISCO (AP) — Netflix is poised to shut down the DVD-by-mail rental service that set the stage for its trailblazing video streaming

'Trinity' the T-Rex skeleton sells for $6m to private collector - The Guardian

It's hoped that the skeleton, made up of the bones of three different Tyrannosaurus Rex, will remain on public display

Jim Cramer checks the charts to find out what trader sentiment says about the S&P - CNBC Television

"Mad Money" host Jim Cramer breaks down the CFTC COT report to understand large, small and

Elon Musk and Tucker Carlson Discuss The Urge To Impregnate Women - Rolling Stone

Musk blamed "birth control, abortions" to the impending collapse of civilization on Tuesday's Fox

ADVANTAGES

There are several advantages to using an Android application for keeping up with the latest headlines, including:

Convenience: Android applications provide a convenient way to stay up-to-date with the latest news headlines without the need to visit multiple news websites or channels.

Personalization: Many Android applications allow users to personalize their news feeds based on their interests and preferences. This can help users stay informed about the topics that matter most to them.

Real-time updates: Android applications can provide real-time updates on breaking news stories and events as they happen, allowing users to stay informed and react quickly.

Accessibility: Android applications can be accessed from anywhere, at any time, as long as the user has a smartphone or tablet and an internet connection.

DISADVANTAGES

While there are many advantages to using an Android application for keeping up with the latest headlines, there are also some potential disadvantages to consider, such as:

Limited sources: Depending on the Android application, users may be limited to a specific set of news sources, which can limit the diversity and breadth of coverage.

Inaccurate or misleading information: Some Android applications may not always provide accurate or trustworthy information, which can lead to misinformation and confusion.

Technical issues: Android applications may encounter technical issues, such as slow loading times or crashes, which can impact the user experience and make it difficult to stay informed

Applications

There are many applications for an Android application for keeping up with the latest headlines, including:

Staying informed: An Android application for keeping up with the latest headlines allows users to stay informed about important news stories and events that are happening in their local community, region, or around the world.

Education: An Android application for keeping up with the latest headlines can be a valuable educational tool for students, researchers, and anyone who wants to stay informed about current events and global trends.

Business and finance: An Android application for keeping up with the latest headlines can be a useful tool for business professionals and investors who need to stay informed about the latest developments in their industry or market.

Travel and tourism: An Android application for keeping up with the latest headlines can be a valuable resource for travelers who need to stay informed about the latest travel advisories, weather conditions, and other news that may impact their travel plans.

Sports and entertainment: An Android application for keeping up with the latest headlines can be a great way for sports fans and entertainment enthusiasts to stay informed about the latest news, scores, and updates in their favorite sports and entertainment fields.

CONCLUSION

In conclusion, an Android application for keeping up with the latest headlines can provide many advantages for users, including convenience, personalization, real-time updates, multimedia content, accessibility, notifications, and offline reading. However, it's important to carefully consider the potential disadvantages, such as biased content, limited sources, inaccurate or misleading information, privacy concerns, technical issues, and subscription fees. Ultimately, an Android application for keeping up with the latest headlines can be a valuable tool for staying informed and engaged with the world around us, as long as we choose an application that provides accurate, trustworthy information and respects user privacy.

FUTURE SCOPE

Future scope for an android application for keeping up with latest headlines

The future scope for an Android application for keeping up with the latest headlines is quite promising. Here are some potential developments that we can expect to see:

Personalization using AI: As artificial intelligence (AI) technology continues to advance, we can expect to see more Android applications for keeping up with the latest headlines that use AI to provide even more personalized news feeds for users.

Integration with smart devices: As smart home devices become more popular, we can expect to see Android applications for keeping up with the latest headlines that can be integrated with these devices, allowing users to receive news updates through their smart speakers, for example.

Virtual and augmented reality: With the rise of virtual and augmented reality (VR/AR) technology, we can expect to see Android applications for keeping up with the latest headlines that provide a more immersive and interactive news experience for users.

Blockchain-based news platforms: With blockchain technology becoming more mainstream, we can expect to see Android applications for keeping up with the latest headlines that use blockchain-based platforms to provide more secure and transparent news content.

Enhanced multimedia content: With advancements in multimedia technology, we can expect to see Android applications for keeping up with the latest headlines that provide even more engaging and interactive multimedia content, such as 360-degree videos and virtual tours

APPENDIX

8.1 Source Code Reference

1.App

https://github.com/naveen16M/Headlines-app/tree/main/NewsHeadlines-main/app

2. gradle\wrapper

https://github.com/naveen16M/Headlines-app/tree/main/NewsHeadlines-main/gradle/wrapper

3. build.gradle

https://github.com/naveen16M/Headlines-app/blob/main/NewsHeadlines-main/build.gradle

4. gradle.properties

https://github.com/naveen16M/Headlines-app/blob/main/NewsHeadlines-main/gradle.properties

5. gradlew

https://github.com/naveen16M/Headlines-app/blob/main/NewsHeadlines-main/gradlew

6. gradlew.bat

https://github.com/naveen16M/Headlines-app/blob/main/NewsHeadlines-main/gradlew.bat

7. settings.gradle

https://github.com/naveen16M/Headlines-app/blob/main/NewsHeadlines-main/settings.gradle