News Headlines App
An Android app for keeping up the latest headlines

Introduction

Overview :
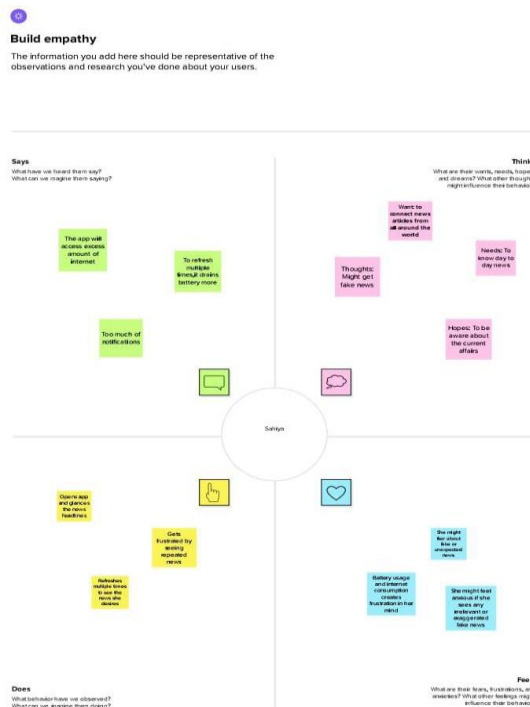   A big interactive database that tells a news story.It just uses software instead of words and pictures.

By showing each reader data that is specific to them, a news app can help each reader understand a story in a way that's personally meaningful to them. It can help a reader understand their personal connection to a broad national phenomenon, and help them attach what they know to what they don't know, and thereby encourage a deep understanding of abstract concepts.

Purpose:
   To connect news articles from all around the world and deliver it to user as fast as possible .

Problem definition and design thinking

EMPATHY MAP

IDEATION AND BRAIN STORMING APP

News app

Sahiya

News Should be presented well and organized	Find relevant and important news	Understanding About the news
Performance	Security Issues	Communication Breakdown
Encrypting Data	Compatibility Problems	Technical Issues

Jenitta

Headlines makes aware about the current situation	If there is any danger or natural calamities alert has been given, the user can be ready to evacuate the place.	He can grow up his knowledge about the current happening of the world
Headlines makes understand about the gist of the issue	Aware of fake news	Need for updates
Device compatibility	Selected outdated technology	Finance management

Person 5

Person 6

Arthi

Crashing of site	Funding	Challenge of keeping the up to date headlines.
Achieving the target of rating	Concerns About current issues	User friendly
Compelling user interfaces	Knowing the needs of users	Must satisfy the user

Anisha

Fake news	Cyberbullying	Weak server and side controls
Encryption	Incorrect data storage	Unauthorized usage
Spamming of messages	Tough and Time consuming	Data limits

Person 7

Person 8

Brainstorm

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

⏱ 10 minutes

TIP
You can select a sticky note and hit the panel (which is orange) icon to start deleting!
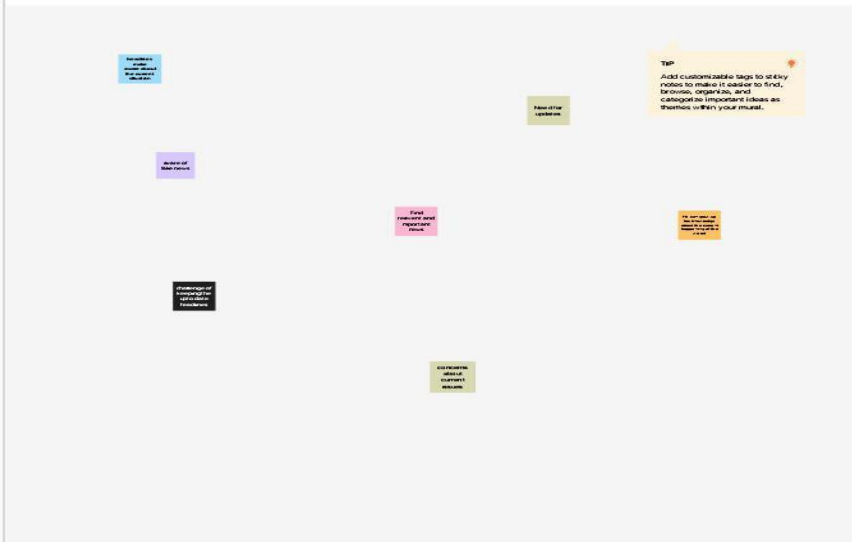
News app

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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.
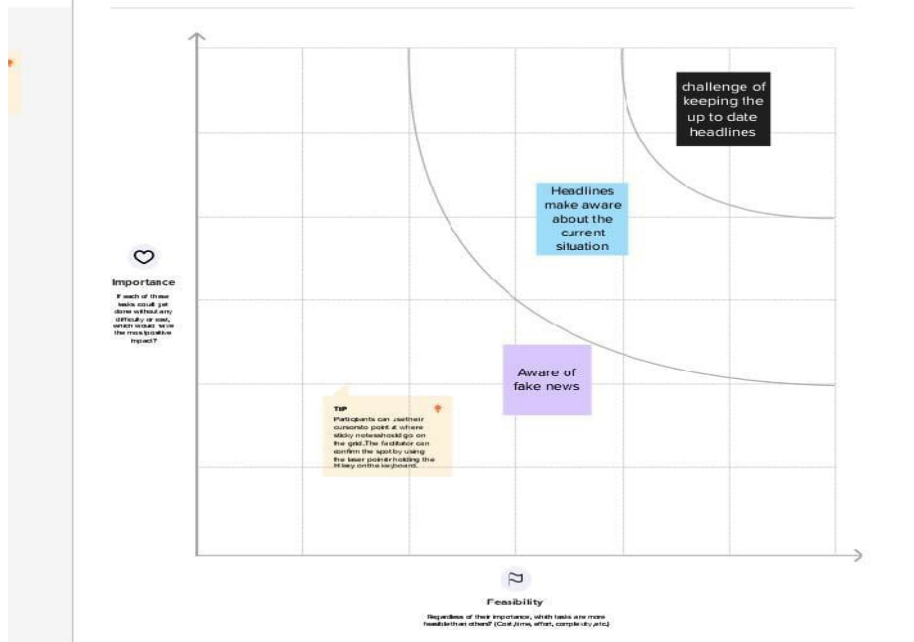
🕐 20 minutes

headlines make aware about the current situation	
	Need for updates
Aware of fake news	
	First relevant and important news
	TIP Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.
challenge of keeping the up to date headlines	
	concerns about current issues

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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 values serve the most positive impact?

challenge of keeping the up to date headlines

Headlines make aware about the current situation

Aware of fake news

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.)

RESULT

Output of the project

Stock futures rise as
March inflation report
looms ahead: Live
updates - CNBC
Two key economic data points weigh on the minds of
investors this week: the latest consumer price index
and the producer price index readings.

Latest NEWS

Stock futures rise as March
inflation report looms ahead:
Live updates - CNBC
Two key economic data points
weigh on the minds of investors
this week: the latest consumer

Bud Light suffers bloodbath
as longtime and loyal
consumers revolt against
transgender campaign - Fox
Business
Bud Light suffered a bloodbath

Whole Foods in San
Francisco closing one year
after opening due to safety
concerns: report - Fox
Business
A San Francisco Whole Foods is

PC shipments fell sharply
last quarter, with Apple
among hardest hit - The
Verge
Worldwide shipments of desktops
and laptops suffered a drop of

ADVANTAGES AND DISADVANTAGES
Advantages
- Own Your Channels: What's nice about building a news app is that you control the channel. ...
- Better User Experience: Like all of us, your readers have come to expect a native app experience from all the brands they trust to consume content from.
- Higher Engagement
- Push notifications.
- Revenue Opportunities.

Disadvantages
- Technical Issues: The site could crash if a lot of people try accessing it at the same time. If the site crashes, it doesn't open for a short while then. Also, other technical issues can occur on the website.
- News spreads quicker online - people find out news before they should
- Older audiences may not access digital platforms
- Aware of Fake News
- Headlines should be aware of the current situations

Applications
- A news app should tell a story, and just like any good news story, it needs a headline, a byline, a lead, and a nut graph.
- In news applications, the news is updated almost every minute.
- News resources such as applications and sites simply require implementing a commenting system, where readers can discuss the news.

CONCLUSION

When developing a news app, it is important to include all the crucial features that make it engaging and easy to use.And, it is also necessary to research your competitors to identify other useful features that can be included in your future or existing apps.

FUTURE SCOPES
- The main focus of developing news app is to connect news articles from all around the world and deliver it to user as fast as possible in best visualize way.
- The news app is always a demanding one and it should satisfy the customers
- The aim is to provide citizens with the information they need to make the best possible decisions about their lives, their communities, their societies, and their governments.

APPENDIX
A. Source code

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">
    <uses-permission android:name="android.permission.INTERNET"/>
    <uses-permission android:name="android.permission.ACCESS_WIFI_STATE"/>
    <application
     android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/news_app_icon"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/Theme.NewsHeadlines"
```

```xml
    tools:targetApi="31">
    <activity
        android:name=".DisplayNews"
        android:exported="false"
        android:label="@string/title_activity_display_news"
        android:theme="@style/Theme.NewsHeadlines" />
    <activity
        android:name=".RegistrationActivity"
        android:exported="false"
        android:label="@string/title_activity_registration"
        android:theme="@style/Theme.NewsHeadlines" />
    <activity
        android:name=".MainPage"
        android:exported="false"
        android:label="@string/title_activity_main_page"
        android:theme="@style/Theme.NewsHeadlines" />
    <activity
        android:name=".LoginActivity"
        android:exported="true"
        android:label="@string/app_name"
        android:theme="@style/Theme.NewsHeadlines">
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
    </application>

</manifest>
```