

NEWS TRACKER APPLICATION

LITERATURE SURVEY ON THE SELECT THE PROJECT & INFORMATION GATHERING

Abstract

This professional project centered around the construction and design of an app for the iPhone and iOS that would allow users to access news from a variety of sources based on their location as determined by their smartphone. In addition, users would be able to post their own content and observations of news as it happens and geolocate their posts so other users would be able to learn about what's taking place in their community. The first version of the app was developed and mocked up at a Startup Weekend in St. George shortly after the project was initiated. This weekend-long event, sponsored by Google, is designed as a three-day competition to develop a concept for a startup business and then pitch the idea to a panel of judges. After producing a mockup of the app at Startup Weekend, two of the participants continued the project in an attempt to take it from a concept to a working product.

Introduction

The idea for an app that would allow users to share the news they see happening around them struck the author while he was working as a photojournalist for a local newspaper. As the author was returning to the newspaper's offices from another assignment, he happened upon the scene of a motorhome stopped at a red light with its engine compartment on fire. He just so happened to have arrived at the scene shortly after the fire had started and well before firefighters arrived. Usually, this type of breaking news story is heard about by reporters listening to emergency frequencies on a scanner after the fire department is called and very rarely do journalists arrive on a scene before first responders.

What is a News App?

This app is a news application. This application will show the news about the world.

This is better than old conventional newspapers as you can see news anytime and anywhere now. This will also have live updates. This app will have some other features like adding your own news as an editor and people can see your published news too.

Flow of the Application:-

There is a login signup screen. On the dashboard of the app, there will be 3 buttons. There will be a button for publishing your own news, for seeing the general news, and for seeing the news

published in the app. In general news, this will fetch news from API and will show it in the app. This app will show the news category-wise. There are a lot of categories.

- The users can publish their own news or articles in the app itself very easily.
- He can also add photos to their articles to make them look more attractive.
- He can also see the articles of other people.

Features of the Public News app:-

1. There is the main screen in this app.
2. Login and sign up are required in the app.
3. Users can see the real news with real-time updates.
4. The app will show category-wise news.
5. Auto update news because it fetch news from API
6. Users can see the news according to their interests.
7. Users can publish their own articles.
8. Users can add images to their articles.
9. Users can see the articles published by other users.

Project Prerequisites

The project requires the following technologies/tools.

- **Java** – Java is used for writing the coding part.
- **XML** – XML is used for designing parts and design the screens
- **Firebase** – Firebase will be used for storing the published articles and publishing the News.