



Design And Implementation Of Online Social Reading Platform

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ABSTRACT

In recent years, with the emergence of new innovations and needs, the demand for mobile application development has increased in all fields. It provides the best features that are essential to your business and helps you attract customers. In addition, many platforms such as Android, Windows and iPhone are available. This document introduces a mobile application that allows users to read and write original stories. The application provides users with eBooks, fiction, nonfiction, SCIENTIFIC, academic eBooks and more, and also helps users write books and publish books. There are many platforms where you can share your photos and thoughts. Some of these apps allow users to read and publish their books, but what if all of this could be done in one app? A place where users can read, post, and share their thoughts with the world. A place where everyone can spend their time. Acts as interactive multimedia, social media, etc...

Keyword: Scientific, book, Flutter ,Dart

I.INTRODUCTION

Today, mobile is deeply rooted in business operations. Improve collaboration and streamline workflows. Mobile application development provides a better platform for marketing. Several applications are downloaded every second around the world to meet different needs. Wherever the user is, these applications help keep the user connected and facilitate dialogue. Studies show that more than 20% of employees will later use tablets instead of laptops. It is these applications that help them. Today, people spend more time on social media than in the real world. From music to books, people like to watch them on their laptops and phones. Not only does it save time, it also helps users find their true interests and different communities. These communities are even more interesting because they are made up of people who share common ideas and ideas. This helps users come up with more ideas. Sharing the same ideas and interests helps users develop and learn new things every day. This app helps users connect with the world and share their work with everyone in the world. Provides privacy and security to users. Therefore, users can share their work with confidence and with a little more confidence. There are different types of people and they like different genres. Some people like science fiction, others like mystery. This app will satisfy everyone. It provides all the technical books and materials to help users who like to learn, and also provides useful materials that they don't have to go around to buy books or visit the library. This is suitable for all types of users,

II.OBJECTIVES

- Reduce travel time and costs
- Make it available for free in the form of eBooks
- Encourage young writers to write more exciting books to inspire their imagination
- All students are involved Must be a one-stop shop without their financial background
- Become an interactive social media platform where anyone can create, post and connect to share ideas and interests

III.SCOPE

A better application that allows people to spend their time wisely and find other people with a common interest. Creating a better community where reading books can also be interesting. Encourage young creators to and show their creativity to the world. We appreciate their work and provide them with the support they deserve. Free access to all books and access to everyone.

IV.PROBLEM STATEMENT

Reading a book can be exciting and boring, but they rarely know that there are many different genres. They just want to find their own interests. Finding the right eBook is the hardest part. I continue to be confused about what to investigate. Or, even if you like it, it's not always easy to find. It may not mean that had in the store. Therefore, you should look for it in almost every store. If you find it, it may not be in the right situation right now, or it may be too expensive to buy. In addition, they should be low for quite some time and can now be difficult to lease as it can no longer be damaged. It's terrible to look up your favorite eBooks that you can't enjoy just by deciding on . If you can find all kinds of books on a single platform, you can overcome these kinds of difficulties. No need to look for your favorite eBook or pay a lease. You can search for and test your favorite styles without hindering your approximate return and without spending a penny. Finding reference books and scholarly books is not easy. Visiting the library is also tiring. You should look for a book that explains them faster than anyone else. However, if you find it, it's not the eBook you're looking for. If you're missing content, it's a good idea to check out some of the additional books and return to your library. In many respects, if you find it on a single platform, you can be worried that someone might carry an eBook or go to the library and see it every time. It doesn't exist anymore. No, instead you need to find relevant subjects on a common platform to start or create an exam. I'm interested in writing novels and fiction, but I don't know where to start or submit them. Even if you discover a platform, it costs us something and now not everyone can collect money for it. Or the idea of what could happen if people didn't like our job couldn't even start from it. An interactive platform that allows you to write and send images so you can publish them to the world. This allows you to paint harder. You can also find a way to write a special and exciting story of inspired by various works. This can improve our innovative spirit. You can also do all this without spending a penny. Our own website with our pictures is perfect for viewing. And this is done through this application.

V.DESCRIPTION

The IDE used to create this software is Flutter and the programming used is Dart. This software can be run on all Android and IOS. The C, C ++, PHP and JavaScript languages are also used to extend this software. This software

has many features.

Function 1: You can search for books using a search engine.

Function 2: Young writers can write their own books and hang up.

Feature 3: eBook enthusiasts come in a variety of genres.

Function 4: Academic books can also be used.

Feature 5: People can interact with each other.

Function 6: Insert photos and videos.

VI.METHOD

System Overview

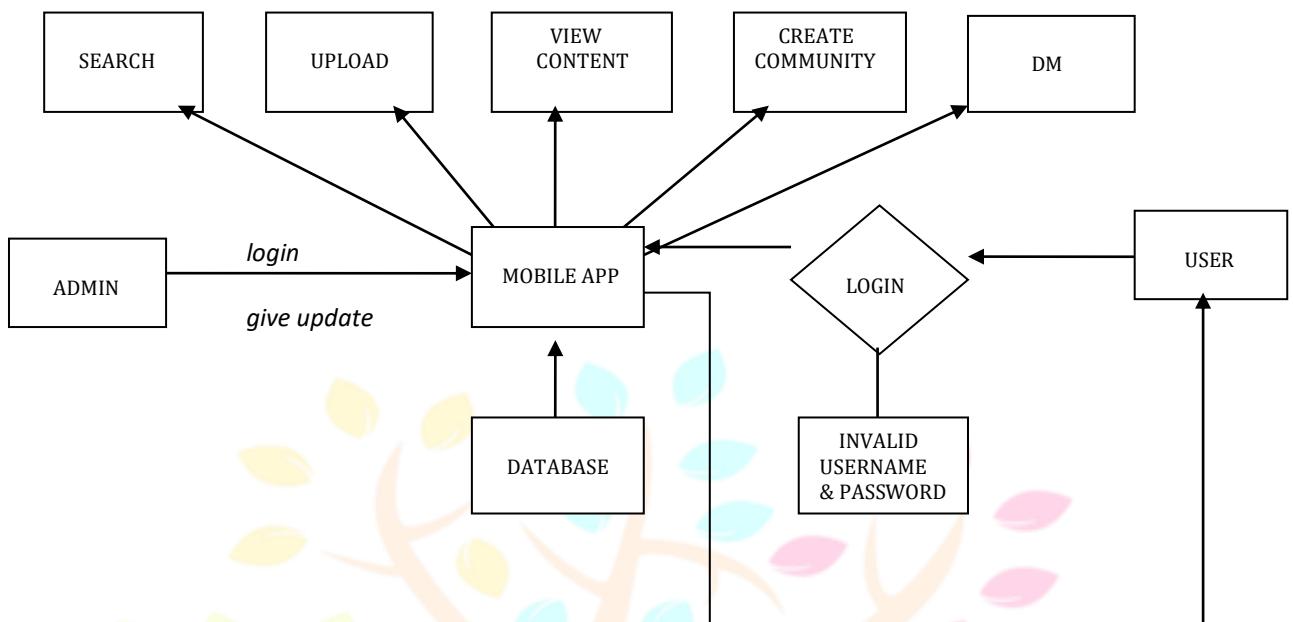
This system was developed using Flutter and Dart, an online social reading platform. This app provides multiple features for users to tinker with the app. We also help the writing community write great works and share them with the rest of the world. Apart from writing, we want to provide an innovative app for all users. We want them to explore the world through our app. Our app acts as a bridge between authors and readers. This application controls the user's brain to write a book brain. Users can interact with what you want. We are also surprisingly built to share the moment they remain in their memories with their friends. We all know how our younger generation is more lacking in reading skills. In addition, I know how important it is to build a book reading a book. Book reading helps to sharp readers' innovation, it has also improved literacy and read books also demonstrated stress. To create a young generation in the direction of reading, we created this social media, and of course, attract young people towards the app, and she also benefits them in many ways. This is an easy-to-use application that allows users to spend more time exploring genres and selecting the desired genre. Users can also find all scholarly books in a single search. This app allows users to gain and demonstrate creativity on the same platform.

Proposed System

Our system consists of two parts, a "client" and a "server". The client side is deployed on Android or iOS based mobile phones. The server side is provided in the Windows operating system flowchart.

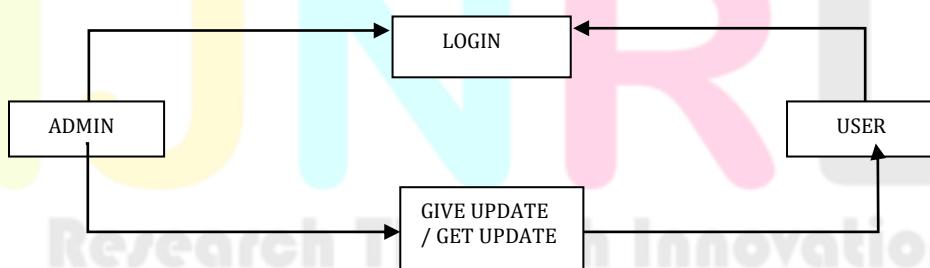


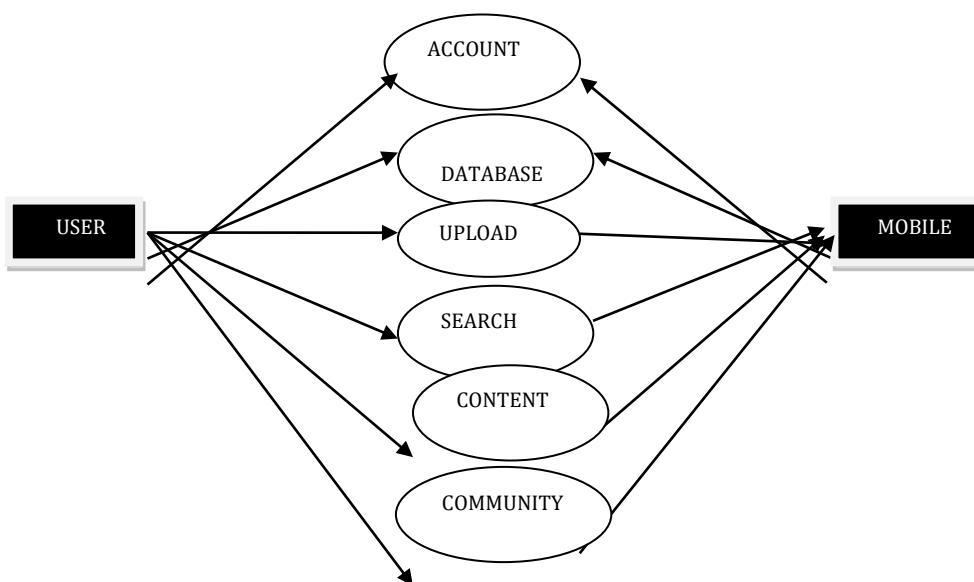
Workflow Diagram



The mobile application consists of four parts. 1. Android app 2. Web servers 3. Databases 4. Application interfaces. Android apps were developed for Flutter's features using the Dart programming language. The web script used was Hypertext Preprocessor (PHP) and the database used was My Structured Query Language (MySQL). The entire system consists of the above units that interact with each other. The database stores updates about user credentials and current status. A mobile app that acts as a gateway to different users retrieves information from a database through a web server. A web server is used to store and retrieve the required information from the database. A wide range of users (public users and mobile app administrators) can interact with the mobile app through the application interface. This provides them with the following features:

State flow Diagram





VII.CONCLUSION

The app is easy to access, affordable and efficient, and guarantees user satisfaction. This allows users to easily collaborate, deploy, and share content. In addition, the app has undergone extensive security testing to minimize security breaches and improve reliability and reliability to protect user data.

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