



Design and Implementation of Online Social Reading Platform

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March 17, 2022

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ABSTRACT:

In recent days, the demand for mobile application development is increasing in all fields, as new innovation and need arises. It provides best features that are important for business, which helps in attracting the customers. Moreover, there are many platforms available like android, windows, iPhone, etc... In this paper, we present a mobile application which intended for users to read and write original stories. This application provides the user with E-books, fictional, non-fictional, SCI-FIC, academic E-book etc..., and also helps the user to write and publish their

own books. There are lots of platform for sharing your photos and thoughts. There are also these apps where the user can read and publish their books, but what if we can do all of this in a single app. Where the user can read, publish, also share their thoughts with the world. A place where every type of people can spend their time. It acts as a interactive multimedia, social-media, and many more...

INTRODUCTION:

Today mobile has deeply ingrained in business operations. It enhances better collaboration and streamlining of workflow. The mobile application

development provides better platform for their marketing. Several applications are being downloaded every second all over the world to meet various requirements. Where ever the user are these applications help to keep them connected and makes it easy to interact. Research says that more than 20% employees will use tablets instead of laptops in later years. What helps them are these applications. Today people spend most of their times on social media than in the real world. From music to books people prefer to view it on their laptops or phones more. It not only saves time but also helps the user to find their true interest and various communities. These communities consist of people who share common thoughts and ideas which makes it even more interesting. This helps the user to create more ideas. Sharing same thoughts and interests helps the

user to develop and also learn new things every day. This app helps the user to connect with the world and share their works to every people around the globe. It will provide the user with privacy and security. So, the users can rest assured and share their works with a bit more confident. There are different types of people and they prefer different genres. Some prefer science-fictions while some prefer mystery, this app will satisfy all. It will provide with all technical books and materials which will help the users who prefer to study and also provide them with useful materials for which they don't have to go around and buy books or visit libraries. This is well suitable for all types of users whether they are a social bird or a bookworm.

OBJECTIVES:

- To reduce travel time and cost

- To make it available free of cost in the form of E-books
- To encourage young writers to create more exciting books and boost up their imagination
- To be a one-stop place for all the students irrespective of their financial background
- To be an interactive social-media platform where everyone will be able to create contents, publish them, connect with each other sharing ideas and interests

SCOPE:

A better application where people can spend their time usefully and also to find other people with common interests. To help make a better community where reading books can also be interesting.

Encouraging young creators to show off their creativity to the world. Valuing their work and to give them the support they deserve. Free access to all books and make it available to everyone.

PROBLEM STATEMENT:

Reading books can be interesting while some consider it boring, they just don't know that lots of different genre is available. They just have to find their interest. Finding the right book is the trickiest part. It always confuses us what to read and even if we do have a favorite its always not easy to get it. Sometimes it doesn't available in the stores. So, we have to search for it almost in every shop. Even if we find it, it may not be in a good shape or too costly to afford. Renting it can also be difficult because we have to return it in a certain period of time and also not to damage it.

Reading our favorite books which you have just found but not able to enjoy it is the worst. Finding all types of books in a single platform will help us overcome all these difficulties. We don't have to search for our favorite book all over the city or pay rents, instead just searching for our favorite genre and start reading it for free without worrying about returning it. Technical books or academic books are not easy to find. Visiting libraries is also tiring. We have to search for the books claim it before anyone does. Even if we did find it, sometimes it ends up that's not the book we were searching for or the content might be not enough, we might need to verify a few more books, ends up visiting the library again. Finding it in a single platform will help us in a lot of ways we don't have to worry that someone might take the book or to visit library every

single time for reference, instead all we have to do is find our related topics in a single platform and start doing our work or preparing for our exams. Interested in writing novels or fictions but don't know where to start or where to publish it. Even if we find some platform it will cost us and not everyone can afford it. Or the thought what if people don't like our work holds us back from even start it. An interactive platform where we can both write and publish our work will help us to show our work to the world. This will encourage us to work more. We can also learn to write even more interesting stories by getting inspired by other works. This will help us improve our creative mind. Also, we can do all of this for free. Our own page filled with our work is the best thing to see. And this can be achieved by this application.

METHODOLOGY:

The IDE used to create this application is Flutter and the programming used is Dart. This application can run in both Android and IOS. C, C++, php, JavaScript languages are also used to develop this application. This application has lots of features,

Feature 1: Books can be searched using search engine.

Feature 2: Young writers can write and publish their books.

Feature 3: Book lovers are provided with lots of different genre.

Feature 4: Academic books are also available.

Feature 5: People can interact with each other.

Feature 6: Can insert images and videos.

CONCLUSION:

This app will be easily accessible, affordable and efficient thus ensuring user satisfaction. It allows users to easily collaborate, deliver and share contents with ease. Furthermore, this app will go through extensive security testing to minimize security threat breaching thus protecting user data by being more reliable and authentic

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