

MNNIT BOOK STORE



Submitted By:-
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INTRODUCTION

This project on MNNIT BOOK STORE application developed on android technology provides a single platform to students of our college who are willing to buy or sell their books to other students.

MNNIT Book Store is an Application which aims at making exchange of books and other study materials to be easier, faster and cheaper. Here the students who have some extra or unusable study materials can share their stuff which they want to sell, on the other hand one who need these stuffs at cheaper rates can get them over here.

Student of MNNIT are taking an initiative to come forward and join their hands to provide a platform for buying or selling their Used books within our campus. This process requires every aspects (customer, book, money, seller).



PROBLEM STATEMENT

This project is aimed at providing a system to buy or sell books .This application will basically serve as an interface between those students who are having the required book and between those who are not having them.



MOTIVATION

The motivation or purpose behind the project is unavailability of books with students at their urgent need. We are basically providing an interface between students who are having the books and the students who are in need of those books. We as students have faced such problems so, we creating this application to help the upcoming students so that they might not face same problem and wandering at last time here and there for the books.

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SYSTEM ANALYSIS

EXISTING SYSTEM :

- DRAWBACKS OF THE EXISTING SYSTEM :
 - (i)Students don't have a common platform to communicate with each other.
 - (ii)Students face difficulty to propagate the information.
 - (iii)No proper medium of use their used books.
 - (iv)Less awareness amongst students about best book and place from where to purchase books.



PROPOSED SYSTEM:

MNNIT BOOK STORE

- (i) Our app will provide an interface between connected students.
- (ii) Online availability of all the required books to the students .
- (iii) Online chatting save meeting time.
- (iv) Increased awareness amongst students about best books
- (v) Newly connected students can get required information about the running system through our app.

REQUIREMENTS

SOFTWARE REQUIREMENTS:

- Ionic (Version :3.2.0)
- Cordova
- The Android SDK
- JDK 8.0.1
- Firebase database

HARDWARE REQUIREMENTS:-

- Windows 10 Pro edition 4 GB of internal storage
- Android Phone (Lollipop or later)

MODULES OF SOFTWARE


Login/Signup:

User Signup: Students who are new to the app can register and get their user id and password.

User Login: Students who are already registered can login through their user id and password and access the app directly.

Home Page: It is the default page for the app which shows available books in the form of pictures and the links of other modules.

Post Book: In this module student post the details of book that they want to sell with their related information like Image, Title, Author, Edition, Post Date, Expected Price, etc.



Delete Book: In this module, the user can delete their post because it is no more available for sale.

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Search Books:- This module divides into two sub module that is User can search by either Title or Author.

Request Post:- This module provides the user to request for new book if it is not available.

Chat Module:- In this module, the user who has requested to buy book can do one-to-one chat with the person who has approved his request regarding the book.

Feedback:- This module help the developers to remove bugs and update their application on the basis of majority of user reviews

SIGN UP PAGE

In this module user register himself to our application using name, email, password and profile photo which has to be added during the registration itself and their user id and password.

Already Registered: If the already registered user tries to register himself a message will pop up displaying already registered and he will be directed to the login page.

← SignUp

Sign Up

📷 TAKE PHOTO

Name

Mobile

Email

Registration No

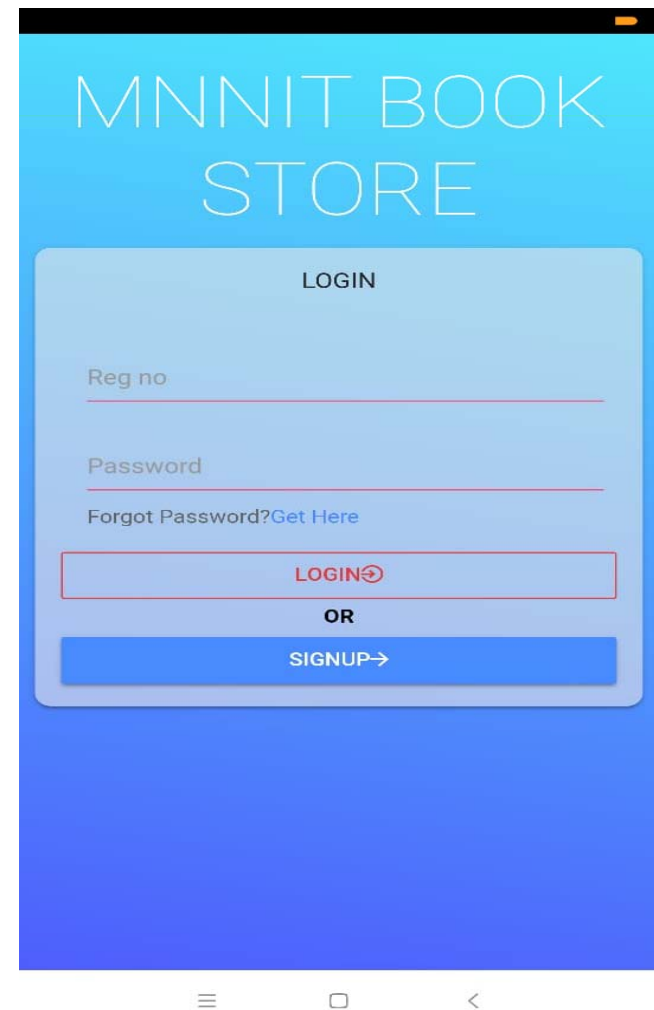
Password

REGISTER

LOGIN PAGE

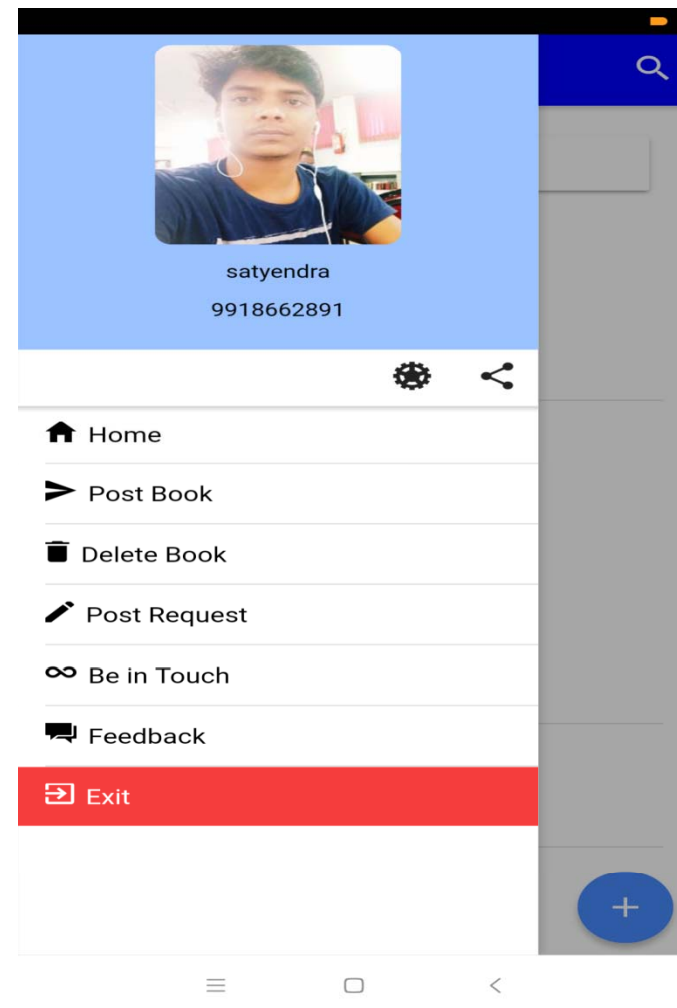
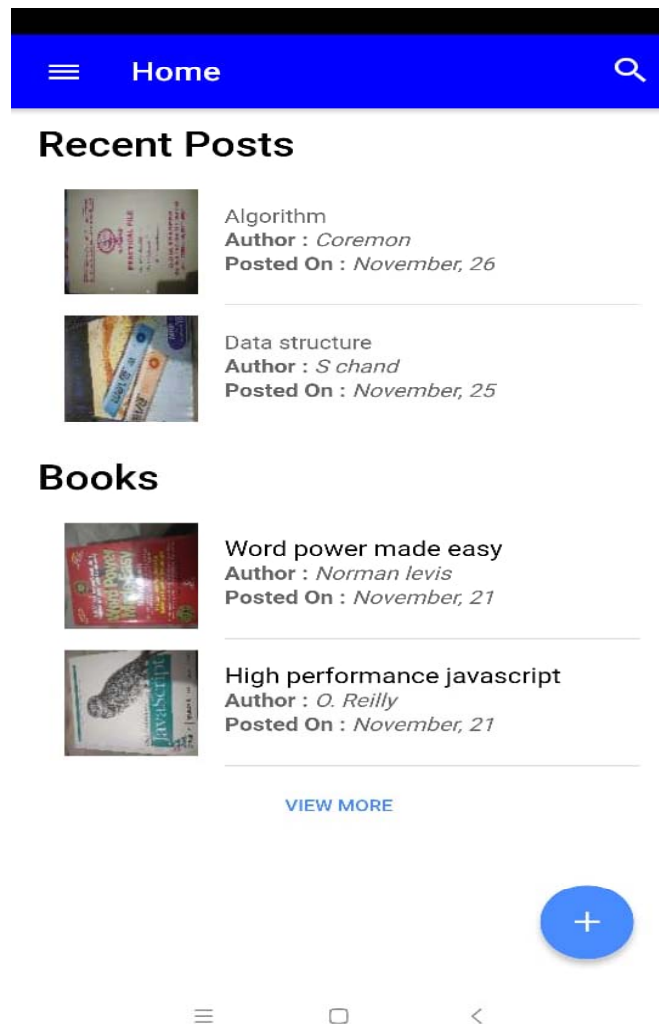
The users who have already registered themselves through the register module can login themselves in through this module.

The app will be asking for user id and password for the login process if it is correct so User can access the app Directly otherwise popup Message will display on the Screen that User id and password is not matched.



HOME PAGE

It is the default page for the app which shows available books in the form of pictures and the links of other modules.



POST BOOK

In this module student post the details of book that they want to sell.

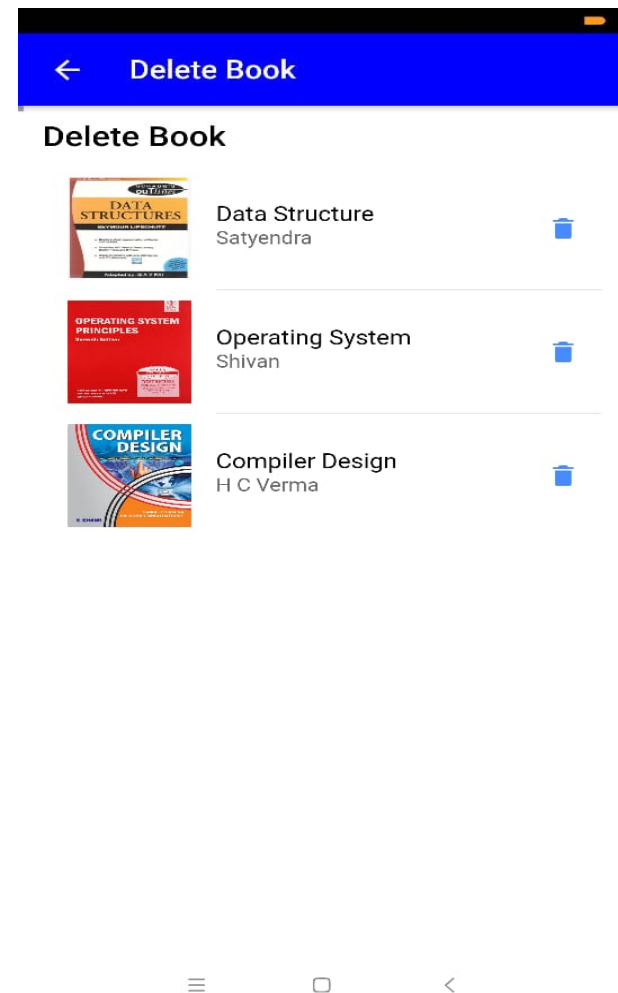
It contains:-

- Photo : Photograph of book being added for selling.
- Related Information : Provides the information of Title, Author, Edition ,Post Date,etc
- Cost : The amount we are charging for lending the item.

The screenshot shows a mobile application interface for posting a book. At the top, there is a blue header bar with a back arrow and the text "Post Book". Below this, the text "Post your book" is displayed. A blue button with a plus icon and the text "BROWSE PHOTO" is positioned below the header. The form consists of several input fields: "Title", "Author", "Edition", "Subject", "Expected Price", "Course" (with a dropdown arrow), and "Branch" (with a dropdown arrow). At the bottom of the form, there is a red button labeled "POST". The bottom of the screen shows standard Android navigation icons: a hamburger menu, a home button, and a back arrow.

DELETE BOOK

In this module, the user can delete their post because it is no more available for sale. It will contain all the books that are post by the user. Now user has choice which book they want to delete.

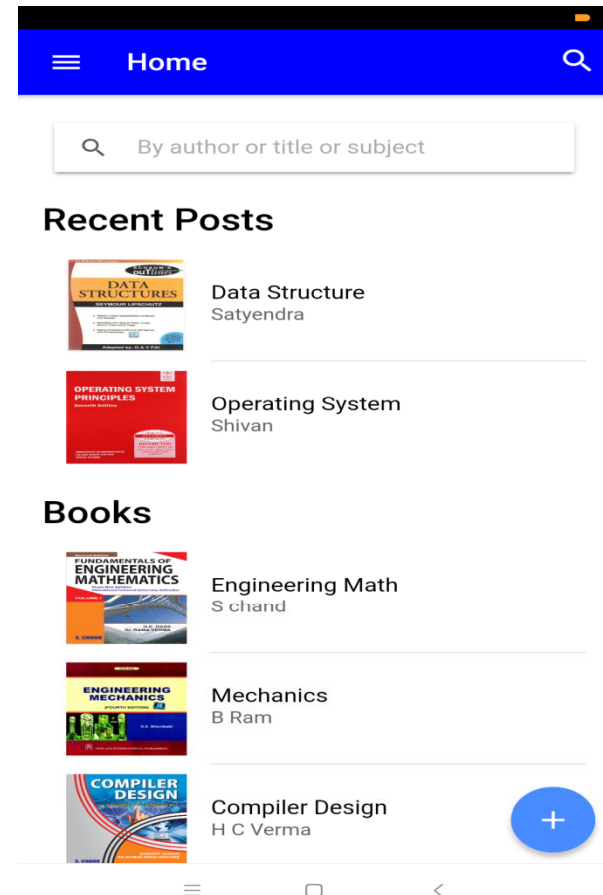


Search Book

This module divides into two sub module that is User can Search by either Title or Author.

1 - Search By Title :

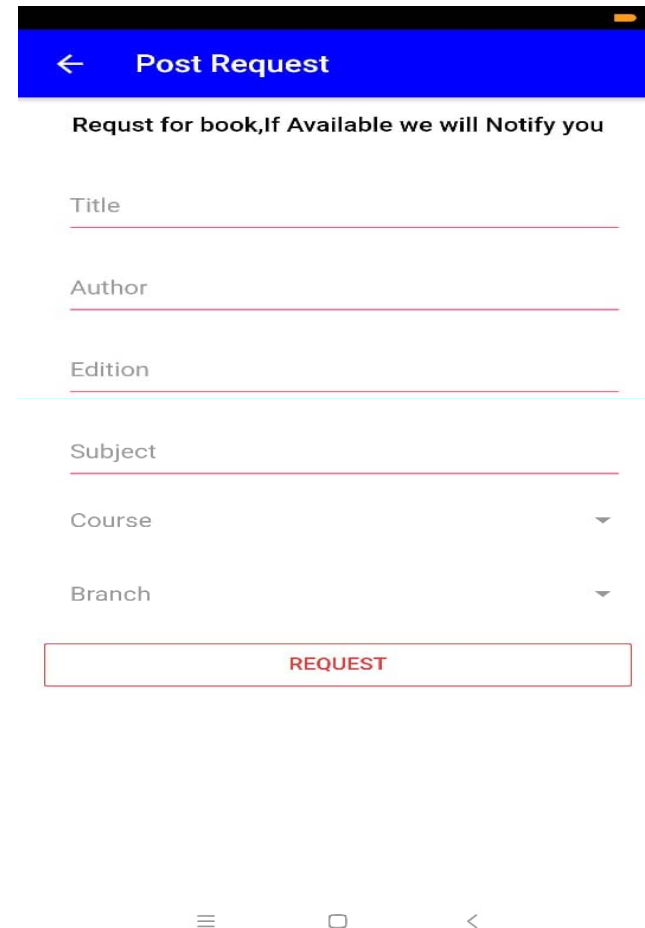
2 - Search By Author



Request Post

This module help the user to request for new book if it is not available by providing related information like Title, Author, Edition ,Course,etc and will be notify when it is in stock.

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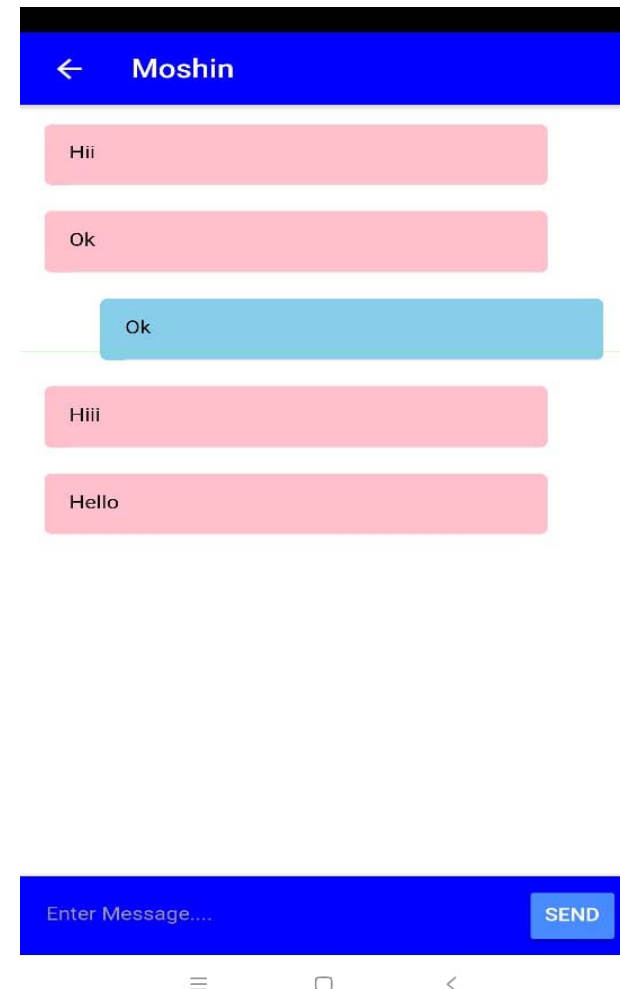
The image shows a mobile application interface for posting a request. At the top, there is a blue header bar with a white back arrow and the text "Post Request". Below the header, a message reads "Request for book,If Available we will Notify you". The form consists of several input fields: "Title", "Author", "Edition", "Subject", "Course" (with a dropdown arrow), and "Branch" (with a dropdown arrow). At the bottom of the form is a red button labeled "REQUEST". The bottom of the screen shows standard Android navigation icons: a hamburger menu, a home button, and a back arrow.

Chat Module

In this module, the user who has requested to buy book can do one-to-one chat with the person who has approved his request regarding the book.

This module will basically
Contains the chat between the
Two individuals, profile photo
Of user, time of message
delivered and received along
with date and the default
status of the user.

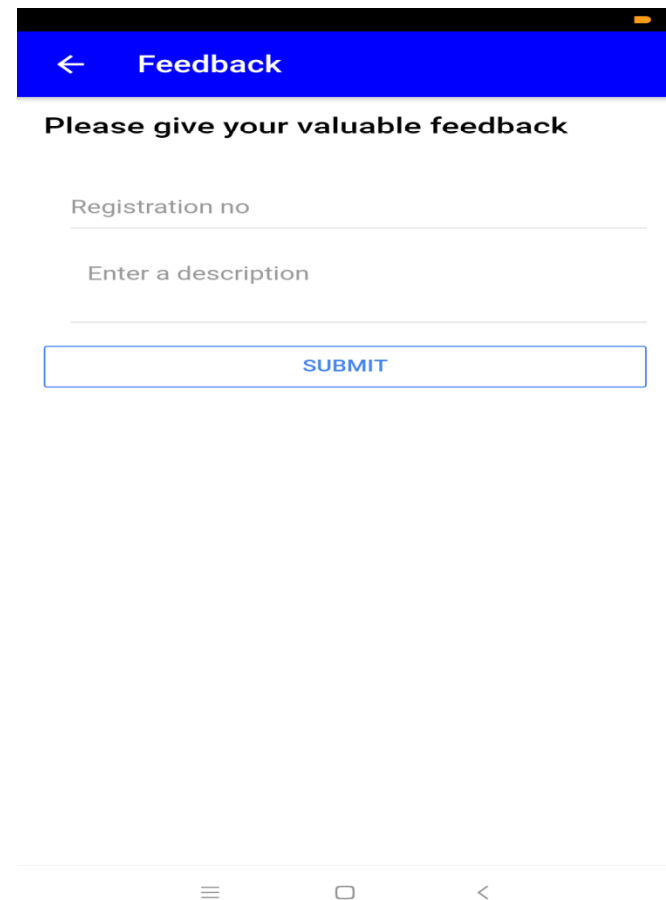
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Feedback

This module help the developers to remove bugs and update their application on the basis of majority of user reviews

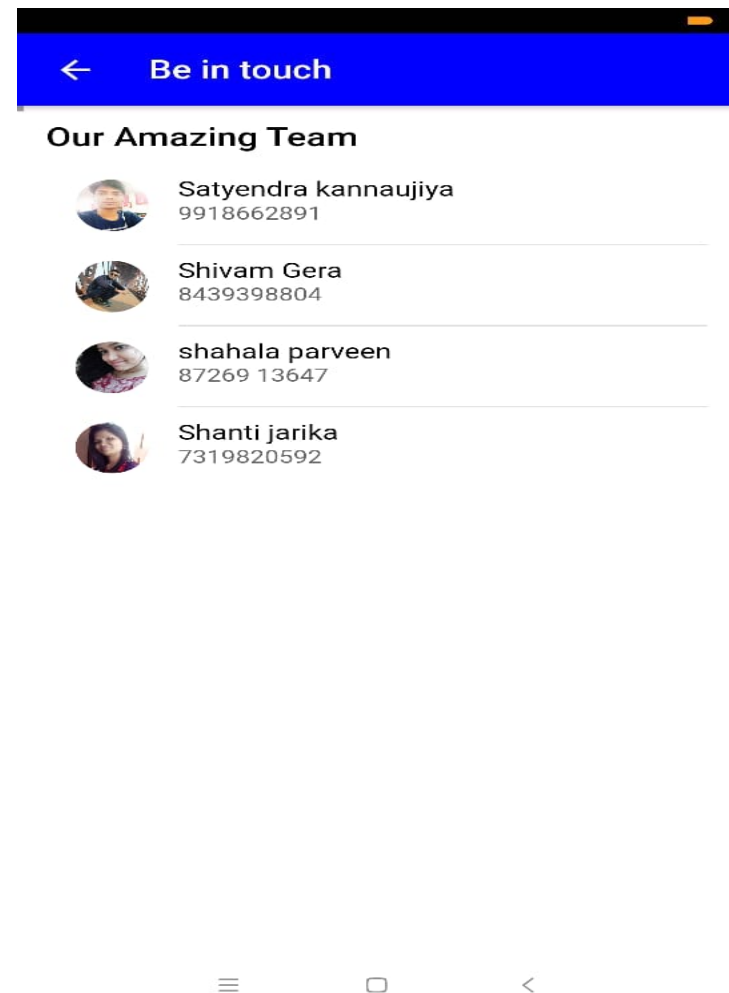
All the feedbacks given by the users of this app are stored in admin's database .



The screenshot shows a mobile application interface for a feedback form. At the top, there is a blue header bar with a white back arrow icon and the text "Feedback". Below the header, the text "Please give your valuable feedback" is displayed. The form contains two input fields: "Registration no" and "Enter a description". Below these fields is a blue button with the text "SUBMIT". At the bottom of the screen, there is a navigation bar with three icons: a hamburger menu, a home icon, and a back arrow.

Developers

This module provides the details of developers of an application.



FUTURE ENHANCEMENT

It is not possible to develop a system that makes all the requirements of the user. User requirements keep changing as the system is being used. Some of the future enhancements that can be done to this system are:

- 1- As the technology emerges, it is possible to upgrade the system and can be adaptable to desired environment. Based on the future security issues, security can be improved using emerging technologies.
- 2- Old records can also be maintained instead of always having current updated record.
- 3- Admin module can be added for smooth functioning.
- 4- Wallet can be added for making transactions easily.

REFERENCES

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www.flaticon.com/

Software Engineering by KK Agarwal