



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ENGINEERING, PUNE

Approved by AICTE, Affiliated to Savitribai Phule Pune University

SMART ICARD FOR STUDENT ACADEMIC

01. INTRODUCTION

Designed a Android Application in which The Student can Create Their Profile in the (SSA) Application to Create Digital College ICard And Generate QR Code by ICard Also this app.

Main use For Entrance Verification to verify The student and their daily data of Enter in Collage And Out from The Collage Also Teacher can get the Daily recorde of Student Entrance verification.

02. OBJECTIVE

1. Develop a user-friendly and intuitive mobile application that can scan QR codes and validate student information.
2. Ntegrate the application with existing student management systems or databases used by the institution.
3. Track attendance, monitor academic progress, or verify eligibility for certain activities.
4. Develop a reliable and efficient QR code scanning algorithm that can handle a large volume of scans without errors.
5. Create a database of verified student information, which can be accessed and updated by authorized personnel.

Guide : Mr. C.A. Ghughe

Project ID:13

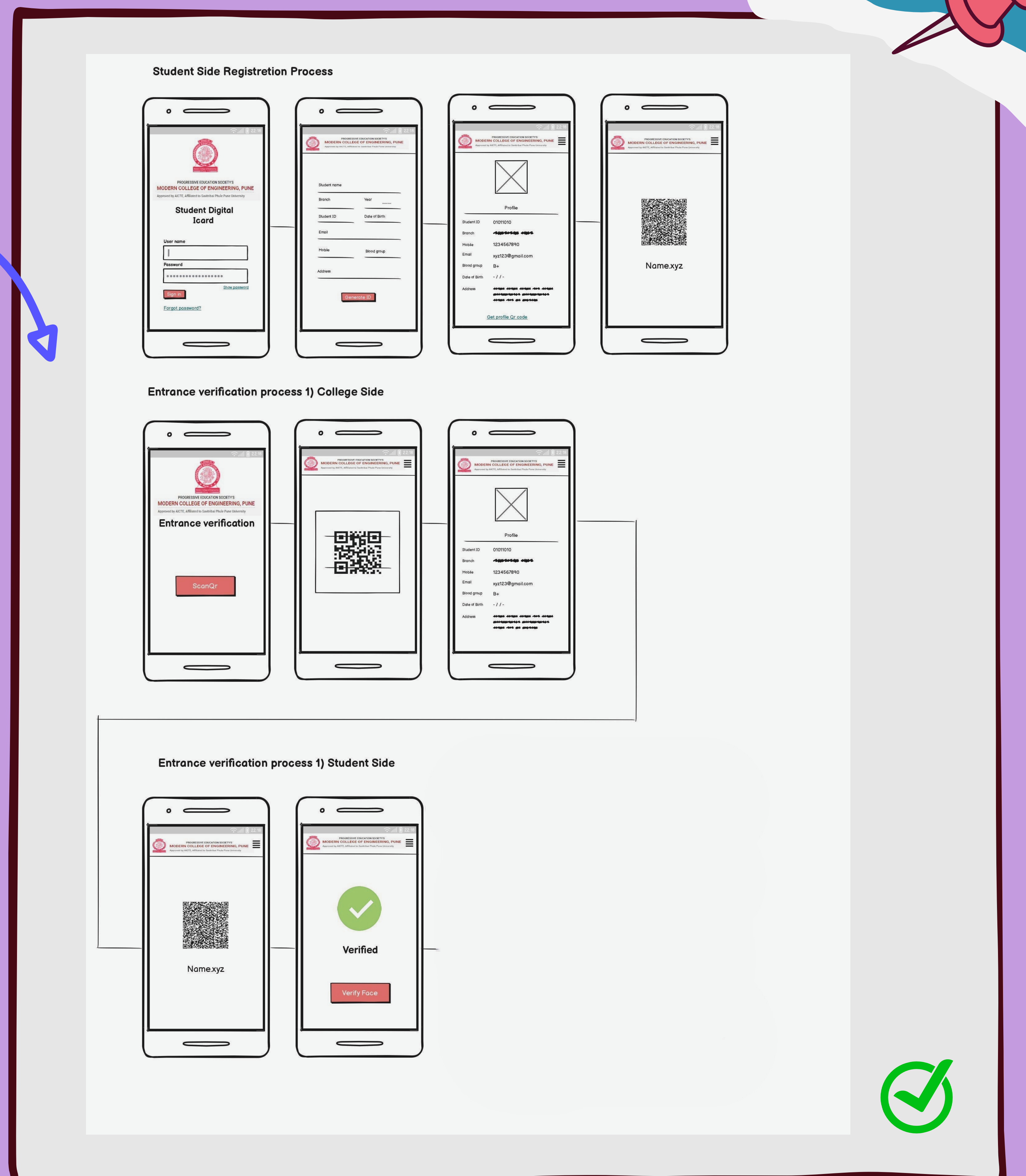
- Indrajeet Mane
- Kunal Pawar
- Pratik Shinde
- Shreyas Chopde

03. METHODOLOGY

Application Development: The development of the application will be carried out using the Android Studio Integrated Development Environment (IDE). The application will be developed using the Java programming language and the Android SDK.

QR Code Integration: The QR code scanning functionality will be integrated into the application using the Zxing library.

The Methodology for developing a student verification smart system QR code scanner Android application will involve gathering requirements, designing the system and database, developing the application, integrating QR code functionality, testing, deploying the application.



Technology Used

