**STUDENT VERIFICATION SYSTEM**

**Problem statement**

There has been an issue with the current method of student verification whereby, students who sit for exams are manually verified using printed exam cards. This has led to some students forging the exam cards and impersonators sitting for exams on behalf of the supposed students.

**Objectives**

**Main objective**

To verify students sitting for exams using a unique exam code

**Specific objectives**

By the end of this project, the system should be in a position to:

1. Register new students and Lecturers
2. Register students for exams
3. Send unique exam codes to students
4. Verify students sitting for exams
5. Generate reports such as students who sat for exams

**System Requirements**

**Functional requirements**

1. Admin to register students and lecturers
2. User Authentication. Admin, student, and lecturers should securely login to the system
3. Lecturers to verify students during exams
4. Reporting. Review and download exam registers
5. User-friendly interfaces for interaction with the system such as registration and login pages

**Non-functional requirements**

1. Security of the data in the system. Encrypting passwords before storing them in the database
2. Error handling. Output friendly errors in case of any
3. Compatible with different operating systems
4. Accessible on both mobile and personal computers

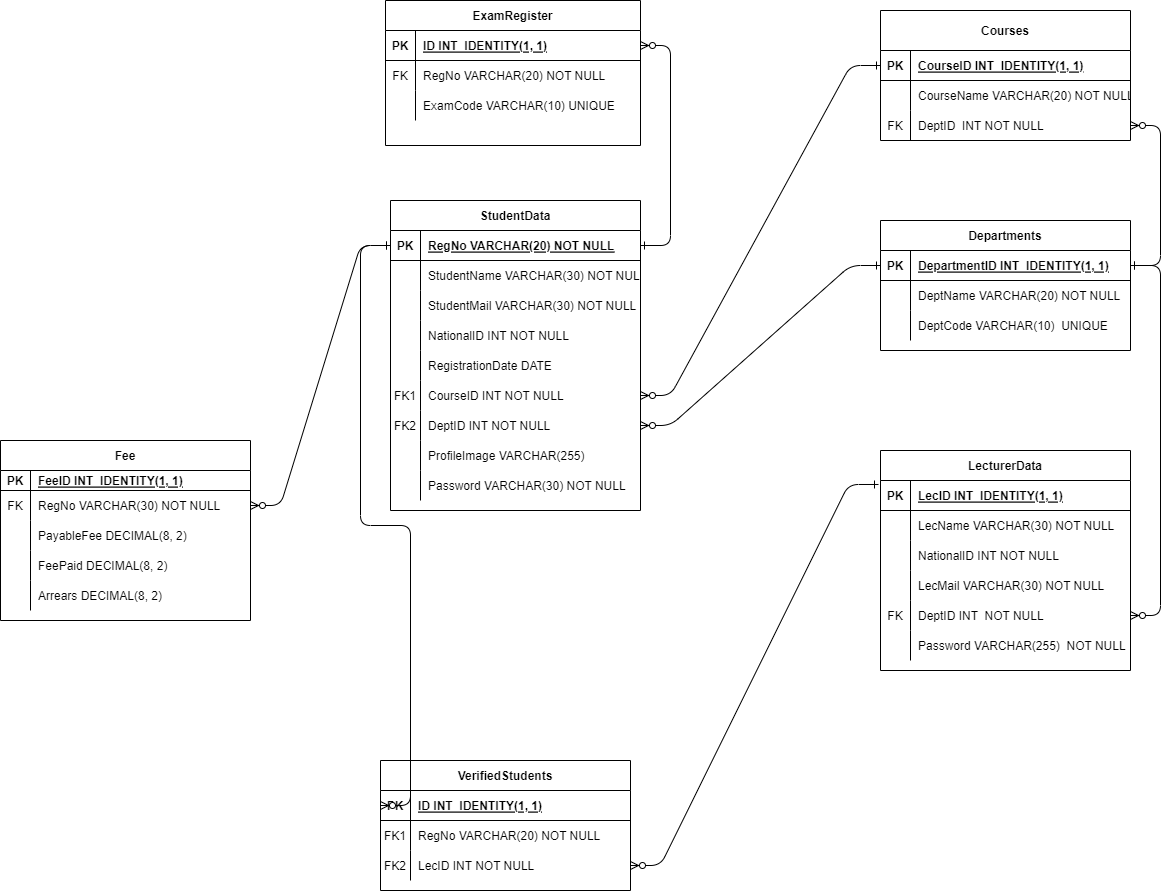
**User interface**

For these webpages, will be using a dark theme

*System pages*

1. Pages folder:
   1. Admin login,
   2. Admin dashboard
   3. Student Registration
   4. Lecturer registration
   5. Student Login
   6. Student Portal
   7. Lecturer login
   8. Staff portal
   9. Student verification
2. Components folder:
   1. Header – containing the Navigation bar
   2. Footer – containing the copyright and contacts to the college
3. Styling-Files folder: - contains all CSS files

**Database design**

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