Programming Project

Select one of the following projects and develop a desktop application.

1. Point of Sale System.

2. Student Registration System

3. Patient Registration System

The project can contain 2 members at most. You can select the other members.

The scope of the project should include the following.

1. Login screen. The user must input the username and password to login. The password should be verified against the stored password in the database.

2. The normal user can perform operations such as registering students, selling products, etc. There should be CRUD operations (Create, Read, Update, and Delete) for entities. For example of POS the user must be able to create, read, update and delete the products.

3. The system should include at least two entities. For example, the student registration system should have a "User" entity to handle login to the system and a "Student" entity to store student information.

4. Bonus marks will be given to implementation of business logic in the system.

Requirement:

1. You can use any desktop development framework to implement the system. (WPF, Blazor Hybrid, etc.)
2. Need to use a database system such as SQLite with and ORM such as Entity Framework to access the system.
3. You will have to demonstrate the project and receive a VIVA.

The marks will be given to the following criteria.

1. UI/UX design. (You can show the design details in Figma, etc.)
2. Completeness of the Implementation.
3. Understanding of the technologies.