Project Submission Report

# 1. Project Overview (Point-Wise)

* • Key features implemented:
* - Admin, Lecturer, and Student Login System
* - Course, Subject, Exam, Mark, Timetable, Room, and User Management
* - Add/Edit/Delete/View functionalities for each module
* - Dashboards for Admin and Lecturer
* • Technologies used:
* - C# Windows Forms (WinForms)
* - SQLite as the database
* - MVC Design Pattern
* • Challenges faced and how they were solved:
* - Challenge: Managing multiple forms and navigation.  
   Solution: Used controllers to centralize logic and proper naming conventions.
* - Challenge: Ensuring database consistency.  
   Solution: Used parameterized queries and structured data handling.
* - Challenge: Role-based access.  
   Solution: Implemented role check logic during login and dashboard redirection.

# 2. Code Samples (Screenshots)

Attach up to 6 screenshots of your code that you believe represent your best work. Make sure these are clear and relevant. Each screenshot can include a short caption/description if needed.