



SOFTWARE DEVELOPMENT

Question

Select **ONE (1)** of the following systems and design, develop, and implement it using **PHP and MySQL**. Your application should demonstrate the integration of the front-end, back-end, and database while applying the software development concepts covered during the course.

Choose one of the following projects:

1. Student Registration System
2. Employee Management System
3. Inventory Management System
4. Library Management System
5. Online Booking System
6. Simple E-commerce Website

Project Requirements

Your project must include the following minimum features:

User Interface

- Responsive home page.
- Attractive navigation menu.
- User-friendly forms.
- Consistent layout using HTML, CSS, and Bootstrap.

Functional Requirements

Your application should support:

- User registration (where applicable)
- User login and logout
- Add new records

- View records
- Edit records
- Delete records
- Search functionality
- Data validation
- Session management

D. Database Operations

The application must demonstrate:

- Database connection
- Insert records
- Retrieve records
- Update records
- Delete records
- Use of prepared statements for database security

Submission Instructions

Students must submit the following:

1. Complete PHP project folder.
2. MySQL database export (.sql file).
3. Screenshots of the working application.
4. A short demonstration video (3–5 minutes) showing:
 - System overview
 - Login process
 - Major features
 - Database functionality

Compress all project files into a single **ZIP** file named using the format:

FullName_ProjectTitle.zip