University of Benghazi – Information Technology

Course Name: Internet Programming (CN281).

Study Year: Autumn 2025/2026.   **Endline Date**: 08/01/2026

Student Name: **Student Number:**

Department Name:

Project Name: College System Dashboard.

Designed for learning basic concept by:

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Project Description: The **College System Dashboard** is a dynamic web application designed to represent the IT College. Students will create a **Home Page** and additional pages such as **About Us, Contact Us, Departments, and Activities**. The project must use the basic concepts of **HTML (forms with validation, tables), CSS styling, and JavaScript events**.

Project Structure:

1- **Home Page:**
- contains a menu, header, Footer.
- Header: College name and the college logo.
- Footer: Copyright and dynamic year, and optional useful links.
- The header, the footer and Menu must remain consistent across all pages (master page).
- Menu should include:
    - Home
    - College Activities / News
    - Departments
    - About US
    - Contact US
    - Student Register
    - Login/Logout
    - Light/Dark Theme toggle

2- **College Activities Page**:

- Displays IT Department activities and college news.
- Each activity/news item should be shown as a **card** with consistent design: {Header – Footer – Date – Title}.
- Cards must be listed dynamically by date using a grid layout.
- Each card includes a **three-dot context menu** with options: *Detail, Delete, Read, Unread*.
- Use JavaScript events to:
  - Show details of a news item.
  - Delete a selected card.

3- **Departments Page**:
- Displays all IT College departments as **grid cards**.
- Each card includes: Title, Content, Footer.
- Content may include the number of students in the department.
- Each card has a **three-dot context menu** with options:
  - **Edit:** Edit department details.
  - **Teachers:** Navigate to **Teachers Page** (list teachers in a table).
  - **Courses:** Navigate to **Courses Page** for that department.

4- **Department Page**:
- Template for all departments.
- Shows department details dynamically.
- Support **Add/Edit** for:
  - department_ID
  - department_En _Name
  - department_Arb_Name
  - department_En_Head_Name
  - department_Arb_Head_Name
  - department_Total_credits

5- **Teachers Page**:
- Template for department teachers.
- Displays teacher details dynamically.
- Supports **Add/Edit** for:
  - teacher_ID
  - teacher_En_Name
  - teacher_Arb_Name
  - teacher_prefix
  - teacher_degree

6- **Courses Page**:
- Template for department courses.
- Displays course details dynamically.
- Support **Add/Edit** for:
  - course_ID
  - course_En_Name
  - course_Arb_Name
  - course_Credit
  - course_Status
  - is_Active

7- **About US Page**:
- Provides brief information about the college using **semantic HTML tags**.

8- **Contact US Page:**
- Form to send a message to the college.
- Fields:
  - **Contact Name:** Must allow alphabetic characters and spaces only.
  - **Email:** Must be validated.
  - **Message:** Text area.
- **Send Button:** On click, show notification: *"It has been sent."*
- College location may be embedded using Google Maps.

9- **Student Register Page**:
- Registration form for student information.
- Form must be validated before submission.
- Support Add/Show/Delete for:
  - student_ID
  - student_En_Name
  - student_Arb_Name
  - student_Password
  - student_department_Name
  - student_department_id
  - student_Email
  - student_phone
  - student_Gender
  - student_BoD (Birthdate)
- **add function**: Store data in a JSON file named with student_ID (e.g., 12345.json) or use local storage.
- **show function:** Enter student_ID to retrieve data from JSON/local storage.

- **Delete function:** Remove student profile from JSON/local storage.

10- **Login/Logout**:
- Toggle button to show login page or log out from the student portal.

11- **Login Page**:
- form fields:
  - Username: student_ID
  - Password: student_password
- Authentication:
  - If credentials match JSON/local storage → Redirect to **Student Profile Page**.
  - Otherwise → Redirect to **Home Page**.

12- **Student_Profile** Page:
- Displays student profile including image.
- Sections include:
  - Student Information (department name, image, etc.).

Project Instructions

1. Use HTML, CSS, and JavaScript to build the project.
2. Provide a project name (e.g., *IT Student Portal*, *IT College Portal*, *College Student System*).
3. Upload the project to GitHub and share the repository link.
4. (Optional) Upload the project to smartasp.net and share the password.
5. Upload the project to the class portal.
6. Record a video explanation of your work and upload it to the class portal.