Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Faculty Kit

The faculty kit contains the evaluation strategy for the different milestones of the project and any other documents/links that may aid in the evaluation process (like sample quizzes on technologies etc)

Evaluation Strategy/Tips for the different milestones of the project

Objective
The PMS faculty kit provides an evaluation strategy for assessing the progress and quality of the project at various milestones. It includes guidelines and tips for assessors along with useful resources and documents for evaluation.

Requirements Specification
Key Evaluation Points:

- Clarity and completeness of user and system requirements.
- Reasonableness of assumptions (e.g., user access, device compatibility).
- Team-wide understanding of the documented requirements.
- Presentation and formatting quality of the SRS document.

Technology Familiarization
Technologies to be Used:

- HTML, CSS, JavaScript and PHP.
- Justification for tech stack selection.
- MySQL (Database).

Database Creation
Evaluation Parameters:

- Normalized, clear schema with well-defined primary/foreign keys.
- Proper use of datatypes and constraints.
- Avoidance of redundancy.
- Inclusion of backup/recovery strategies and indexing where necessary.
- Documentation of relationships (one-to-many, many-to-many).

High-Level and Detailed Design
Evaluation Points:

- Completeness in covering all requirement specifications.
- Availability of component breakdowns and responsibilities.
- Clarity of flowcharts, wireframes, or pseudocode for core modules.
- Alternatives or scalability considerations discussed.

Front-end implementation
Evaluation Criteria:

- Clean and user-friendly UI using HTML/CSS.
- Proper layout and accessibility practices.
- Responsiveness across devices.
- Intuitive navigation and meaningful content hierarchy.
- Presence of tooltips, modals, and basic validations (JS).

Integrating the front-end with the database
Evaluation Points:

- CRUD operations on criminal records functioning correctly.
- Real-time updates reflecting in Neon DB.
- Robustness: no app crashes, correct error messages on failure.
- Demonstration of:
    - Login/Logout session handling.
    - New user creation and deletion.
    - Record addition, editing, searching and deletion.

Final review:

- Final demo completeness and professional delivery.
- Submission of detailed project report.
- Discussion of innovations and future enhancements.
- Team communication and individual contributions.

Documents/References that may aid the process of evaluation

- HTML/CSS/JS: https://www.w3schools.com/

- MySQL: https://www.mysql.com/

- PHP: https://www.php.net/