Meeting Minutes Of Technical Review Meeting for dashboard.php and other php Files

Date: 15March 2025

Day: Saturday

Time: 3:00 PM to 3:45 PM

Venue: Offline Campus

Present: Pritam, Badhon, Iftekher

Absent: Abir

The meeting was called to order at 3:00 PM by Pritam. The purpose of this meeting was to review and finalize the addMusic.php, addEvent.php, addAlbum.php, and dashboard.php files for the upcoming deployment.

Agenda of the Meeting:

1. Review of existing code structure of addMusic.php, addEvent.php, addAlbum.php, and dashboard.php

2. Discussion on design and functionality of these files

3. Suggestions for optimization and improvement

4. Next steps and assignments

1. Review of existing code structure

addMusic.php handles the process of adding music to the artist's profile. It involves file uploads and form submissions for song details. The code includes:

- A form for uploading music files.

- Input validation and feedback on file uploads.

addEvent.php deals with the addition of events for the artist. It handles event data like title, date, location, and image:

- Form submission for events.

- File upload for event images.

addAlbum.php is responsible for managing the artist's albums:

- Handles album name, release date, and album cover upload.

- Inserts data into the database, including album details and the uploaded cover.

dashboard.php integrates various sections like music, events, and albums into the artist's dashboard:

- Displays upcoming events dynamically.

- Lists the artist's music and albums.

Pritam pointed out that the database connections and form-handling methods are consistent across the files, but there is some room for improvement regarding code modularity.

2. Discussion on design and functionality

Iftekher raised concerns about the lack of separation of logic and presentation. He suggested refactoring the code to improve readability, especially in addAlbum.php and addEvent.php, where business logic is mixed with HTML.

Badhon recommended breaking down large PHP scripts into smaller, reusable components, for example, separating file uploads and database interaction into dedicated functions or classes.

Pritam suggested implementing a more secure and optimized approach for handling file upload.

3. Suggestions for optimization and improvement

• Security: Pritam recommended using htmlspecialchars() to sanitize user inputs, especially in addEvent.php and dashboard.php, to prevent XSS attacks.

• Maintainability: Iftekher suggested refactoring the PHP scripts by separating business logic from the presentation layer.

• Performance: Badhon highlighted the importance of optimizing database queries in addEvent.php to fetch only necessary data, particularly when fetching events in dashboard.php.

4. Next steps and assignments

• Iftekher will refactor the addAlbum.php and addEvent.php files to improve code modularity by March 22.

• Pritam will review the performance optimizations and security improvements, including file handling techniques by March 23.

• Badhon will review the database query performance and suggest improvements for dashboard.php by March 21.

AOB (Any Other Business)

• Pritam suggested setting a code freeze deadline before deployment on February 27.

• Badhon recommended scheduling a follow-up QA session on February 25.

• Iftekher will notify absent members and share the meeting notes on the group drive.

Meeting was adjourned at 3:50 PM.

Minutes prepared by: Khandaker Parvez (pritam)