Moodle Kanban Board
Project Timetable

Roles:
- Liubov Ustinova: Technical Writer/Tester
- Pavel Losev: UI/UX Developer
- Yevhen Dziuba: Backend Developer

Week 1 (March 6 - March 12)

1. Liubov (Documentation, Plans, Timespan):
- Research and outline the structure of the Kanban board.
- Define the board columns (e.g., "To Do," "In Progress," "Done").
- Document the purpose and guidelines for using the board.
- Prepare the timetable of activities.

2. Yevhen (Database Setup):
- Set up the database schema for storing Kanban board data.
- Create tables for boards, columns, cards, and user assignments.
- Implement database queries to retrieve and update board information.

3. Pavel (Initial UI/UX Design):
- Sketch wireframes for the Kanban board interface.
- Decide on the visual representation of cards, columns, and user interactions.
- Collaborate with Liubov to ensure the design aligns with the documentation.

Week 2 (March 13 - March 19)

1. Liubov (Documentation Refinement):
- Review and enhance the initial documentation based on feedback from the team.
- Include examples and best practices for using the Kanban board.

2. Yevhen (API Development):
- Implement API endpoints for creating, updating, and retrieving boards, columns, and cards.
- Ensure proper authentication and authorization mechanisms.
- Test API endpoints using sample data.

3. Pavel (UI Prototyping):
- Create interactive prototypes of the Kanban board using HTML/CSS/JavaScript.
- Incorporate feedback from the team and iterate on the design.

Week 3 (March 20 - March 26)

1. Liubov (User Guides):
- Write user guides for using the Kanban board within Moodle.

- Include step-by-step instructions and screenshots.

2. Yevhen (JSON Responses):
   - Ensure that the API returns valid JSON responses for board data.
   - Handle error cases.

3. Pavel (Responsive Design):
   - Optimize the UI for different screen sizes (desktop, tablet, mobile).
   - Test the responsiveness of the Kanban board.

Week 4 (March 27 - April 2)

1. Liubov (Testing and Feedback):
   - Test the Kanban board.
   - Provide feedback to Yevhen and Pavel for any improvements.

2. Yevhen (Database Optimization):
   - Optimize database queries for performance.
   - Consider indexing and caching strategies.

3. Pavel (Final UI Polishing):
   - Apply finishing touches to the UI.
   - Ensure consistency in design elements.

Week 5 (April 3 - April 9)

1. Liubov (Documentation Finalization, User Testing):
   - Review and finalize all documentation.
   - Perform manual testing.

2. Yevhen (Security Review):
   - Conduct a security review of the API endpoints.
   - Address any vulnerabilities.

3. Pavel (Fixes Implementation):
   - Conduct usability testing with a small group of users.
   - Gather feedback from Liubov for further improvements.

Week 6 (April 10 - April 16)

1. Liubov (Project Wrap-Up):
   - Final testing.
   - Collect feedback and make necessary adjustments.

2. Yevhen (Deployment and Documentation):
   - Deploy the API and database to a production environment.
   - Collaborate with Liubov to update the documentation with deployment instructions.

3. Pavel (Launch Preparation):
   - Coordinate with Liubov and Yevhen for a smooth launch.