**TA App — Mid Review 1**

**Initial Preparation Phase (October 1 — October 15)**

**Task 1: Project Roadmap Creation**

Sub-Task 1.1: Scope Definition

* Importance: Laying out the scope to understand the boundaries, features, and functionalities of the project.
* Action: Detailing all the features, interfaces, and interactions within the TA App.

Sub-Task 1.2: Milestone Scheduling

* Importance: Setting achievable milestones to track progress and ensure timely delivery.
* Action: Identifying key milestones, associating deadlines, and assigning resources.

Sub-Task 1.3: Resource Allocation

* Importance: Ensuring adequate resources are allocated to meet project demands.
* Action: Assigning team members to tasks based on skills and project needs.

**Task 2: Design Finalization**

Sub-Task 2.1: Database Structure Refinement

* Importance: Establishing a robust database structure to support data integrity and scalability.
* Action: Finalizing tables, relationships, and data validation rules in the database design.

Sub-Task 2.2: UI/UX Enhancements

* Importance: Ensuring a user-friendly interface for a better user experience.
* Action: Refining UI designs based on feedback, enhancing usability and accessibility.

Sub-Task 2.3: Final Technical Specification Documentation

* Importance: Having a solid technical specification to guide development.
* Action: Documenting system architecture, technologies to be used, and coding standards.

**Development Phase (October 16 — November 25)**

Task 3: Backend Development

Sub-Task 3.1: Server and Database Setup

* Importance: Establishing a stable server and database environment for development.
* Action: Setting up the server, configuring the database, and ensuring proper connectivity.

Sub-Task 3.2: Business Logic Implementation

* Importance: Implementing core functionalities to meet the project’s requirements.
* Action: Coding the business logic, implementing algorithms, and ensuring adherence to specifications.

Sub-Task 3.3: Notification System Development

* Importance: Ensuring users are informed about important events within the application.
* Action: Developing the notification system to handle emails and in-app notifications.