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**PROJECT PLANNING**

**Requirement Gathering**

As a initial step, I have engaged with team members to decribe the both functional and non-functional requirements for TA Applicant interface. And this involves understanding of the application process from a TA applicant's perspective, ensuring that system is intuitive and comprehensive for users to submit their applications, CVs, and select their preferred courses.

**System Architecture Design**

And my role involves designing robust architecture that supports intricate functionalities required by the TA applicants. And this includes creating scalable framework that can adapt to increasing number of users and complex data interactions, ensures the system's long term viability.

**Front end Development Setup**

Here, I am responsible for the establishment of the development environment tailored for the front end activities. This encompasses selecting appropriate front end technologies, libraries, and frameworks that will enable creation of an responsive and accessible user interface.

**Database Schema Design**

This part of phase ,requires me to design a DB schema that will effectively store the TA applicant data, includs personal information, academic credentials, and application status. The schema must support efficient data retrieval and updates, aligning with system needs.

**Backend Development Setup**

My role is to prepare backend environment that helpsto serve front end application. I will configure the servers, set up DB, and also establish API endpoints which are essential for the front end to interact with the stored the data.

**Front end Implementation**

In this stage, I will implement front end of TA Applicant interface, translating project requirements and designs into a working app. This involves coding and the visual elements and integrating them with backend logic to produce a fully functional UI.

**Backend Development**

My task is to develop backend logic that processes TA applications. This includes setting up user authentication and writing logic for handling the application submission, and ensure the backend supports the front end requirements for data presentation.

**Database Implementation**

I will implement the database based on designed schema, ensure that it is optimized for performance and also security. The database will store applicant data and provide necessary endpoints for data manipulation by backend logic.

**Integration Testing**

I will conduct integration testing to validate the seamless interaction between front end and backend, and database components. My focus will be on identifying and resolving any integration issues to guarantee a cohesive system operation.

**User Acceptance Testing**

And in final phase of testing, I will work closely with end users to conduct user acceptance tests. This is to ensure that TA Applicant interface meets their expectations and requirements, making any necessary adjustments before the system's deployment.

**Gannt Chart:**

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