**Questions asked by ATI team during prototype presentation for developing e-learning platform for DAs.**

**Question-1. Which type of Agile Methodology will you use?**

Answer: The agile methodology that we use is Feature-Driven Development (FDD). It is an agile software development methodology that focuses on delivering tangible features or functionalities incrementally and iteratively. It emphasizes breaking down complex software projects into manageable units, called features, and developing them in a structured manner. FDD is characterized by its emphasis on design, its phased approach to development, and its focus on specific deliverables.

1. Domain Object Modelling: FDD starts with building a domain object model, which represents the essential aspects of the problem domain. This model serves as a foundation for understanding the requirements and designing the system architecture.

2. Development by Feature: FDD organizes development work around features, which are small, client-valued functionalities that can be implemented in a relatively short time frame, typically a few days to a couple of weeks. Each feature goes through a series of stages, including design, implementation, and inspection, before being considered complete.

3. Feature List: A comprehensive feature list is created based on the requirements gathered from stakeholders. This list serves as a roadmap for development, guiding the team through the iterative process.

4. Short Iterations: FDD employs short iterations, typically lasting two weeks. During each iteration, one or more features are selected from the feature list, designed, implemented, and tested.

5. Inspections: Regular inspections are conducted throughout the development process to ensure that each feature meets the required standards of quality and functionality. Inspections involve peer reviews and feedback sessions among team members.

6. Progress Reporting: FDD emphasizes transparency and communication by providing regular progress reports to stakeholders. These reports include updates on feature completion, upcoming work, and any issues or risks encountered during development.

**Question-2. How does the Mobile app interact with the web app?**  
  
Answer: The Mobile apps can interact with web app through various methods such as:

APIs (Application Programming Interfaces): Web apps can expose APIs that allow mobile apps to communicate with them. Mobile apps can send HTTP requests to these APIs to fetch data, submit forms, or perform other actions. The responses from the web app's APIs can be in JSON format, which the mobile app can parse and use.

WebSockets: WebSockets provide a bidirectional communication channel between the mobile app and the web app. This allows real-time data exchange, enabling features like live chat, notifications, or collaborative editing.

**Question-3. What is on-the-job training on your understanding?  How do you implement this assignment?**

Answer: On-the-job training for an e-learning platform typically involves providing hands-on experience and guidance to individuals who will be working on the platform. This type of training helps them understand the platform's features, functionalities, and processes involved in creating and delivering e-learning content. Here are some steps that we follow to conduct on-the-job training for the e-learning platform:

**Orientation**: Begin by providing an overview of the e-learning platform, explaining its purpose, target audience, and goals. Familiarize trainees with the platform's interface, navigation, and key features.

**Content Creation**: Guide trainees through the process of creating e-learning content on the platform. This may include creating courses, modules, lessons, quizzes, and multimedia elements. Provide instructions on adding text, images, videos, audio, and interactive elements.

**Course Organization**: Demonstrate how to structure and organize courses effectively.

**Assessments and Quizzes**: Explain how to create assessments and quizzes using the platform's built-in tools.

**Analytics and Reporting**: Teach trainees how to access and interpret analytics and reporting data provided by the platform.

**Troubleshooting and Support**: Address common issues and challenges that trainees may encounter while using the platform. Provide guidance on troubleshooting technical problems, handling learner inquiries, and offering support throughout the e-learning experience.

**Practice and Feedback**: Give trainees opportunities to practice using the e-learning platform with real-life scenarios. Provide feedback and constructive criticism to help them improve their skills.

**Ongoing Support**: Ongoing support and resources will be offered to trainees even after the initial training period. This will include access to documentation, online tutorials, FAQs, and a designated point of contact for assistance.

**Question-4**. Post-implementation support period

Answer: We offer 2 years support free of charge.

**Question-5. Can you include Virtual classroom functionalities in the proposed solution?**

Answer: The system that we’ll develop can include the virtual classroom feature, however it is subjected to infrastructure demands.