

14/10/2024

## CUSTOMER MEETING

This file will contain all the questions to the customer, that will be asked in the first meeting. Feel free to add a question, but give a small motivation and context of it.

### Q1- How should MDU and UniProgrammes interact? (Concerning authentication)

**Motivation:** To understand the authentication process between MDU and UniProgrammes, and get an example of how this interaction should work.

**Commentato [1]:** The client also has no clarity regarding and needs to consult as to what will be the best solution

### Q2- How do we retrieve data from the University site? If possible, in which format? What specific data is available? (Also related to the production environment)

**Motivation:** Need to understand the method using which we will get the data to use in the project. Do we need a Web scraping mechanism, is there any dataset that we can access to a dataset, or any API endpoint that we can consume?

**Commentato [2]:** The client had in mind that a web crawler would be preferred but we suggested that if get data in CSV format or by consuming an API, that would be better as web crawlers may be inefficient sometimes

### Q3- Does the client have any tech stack preferences, or is the team free to choose?

**Motivation:** To determine if there are any constraints or preferences for the technology stack, which will impact development decisions.

**Commentato [3]:** We are free to choose whichever tech-stack we prefer

### Q4- What type of database is needed, i.e., SQL or NoSQL?

**Motivation:** To understand requirements related to data storage, considering factors like performance, scalability, and data structure. This will help in choosing the most suitable database solution.

**Commentato [4]:** We are free to choose whichever we prefer, but we suggested SQL as it is a better solution if they ever need to migrate or make any changes and also in terms of cost.

### Q5- Does the client have any specific UI/UX design preferences or inspirations in mind, or are we free to create our wireframes?

**Motivation:** To gauge the level of design freedom and whether there are any existing design guidelines or preferences to follow.

**Commentato [5]:** We are free to build our wireframes with innovation & creativity

### Q6- What type of graphical representation is preferred for displaying program structures? (Confirming if tree plots are suitable)

**Motivation:** To ensure the chosen graphical representation meets the client's expectations and effectively communicates program structures.

**Commentato [6]:** The client prefers Tree-like graphs (drag & drop should be implemented)

### Q7- What type of deployment is preferred? (e.g., Serverless or Traditional Server-Based)

**Motivation:** To understand the preferred hosting and deployment strategy, which will impact architecture decisions, scalability, and maintenance.

**Commentato [7]:** The client liked both approaches and we are free to choose. We suggested a serverless container approach as it would make the product scalable and easy for balancing load

**Q8- Are there any restrictions on third-party integrations?**

**Motivation:** To identify any limitations on using external services or tools, which may be due to MDU rules, privacy concerns, or other factors.

**Commentato [8]:** Any third party which stores user data should not be used in any manner

**Q9- Does the client have any feature prioritization in mind?**

**Motivation:** To understand which features are most important to the client, helping with project planning and resource allocation.

**Commentato [9]:** The client has no feature prioritization in mind. He simply wants a product that is simple and easy to understand.

**Q10- Does the client have any particular expectations from the team?**

**Motivation:** To clarify any specific requirements or expectations regarding team performance, communication, or deliverables.

**Commentato [10]:** The client does not have any large expectations. He just wants a product that is simple and helps student choose their programs and courses in a better way. He also wants us to gain something out of it that at the end we have some good learning outcomes

**Q11- What use cases or user models does the client have in mind?**

**Motivation:** To identify who will be interacting with the application (e.g., students, administrators, teachers), how they will use it, and why, which will inform design and functionality decisions.

**Commentato [11]:** The client only had student/counselor and Administrator as a use case in his mind. But we tend to create an architecture in such a way that it can adapt to any changes