Requirements Elicitation

Requirements Elicitation

For the Canvas HP5 Analytics project, our team decided to conduct a client interview as a method for requirements elicitation.

Given the limited amount of background information available on the project, we decided that a direct meeting with the client would provide us with a more refined understanding of the project background and scope.

The following sections outline the interview structure and methodology used for the client interview.

Interview objectives:

- Be able to describe project background (motivation)
- Identify the problem
- Define the scope of the solution

2.1 Interview Structure

The interview was conducted in a semi-structured fashion. Our aim was to conduct the interview in three main stages.

1. Stating our current understanding of the project and allowing the client to correct us in our current understanding of the project
2. Asking prepared questions, some of which were open ended
3. Followed up with a discussion to explore the problem, scope and issues

The first two stages involved adopting the structured methodology, whilst stage three was unstructured.

2.1.1 Stage 1 of interview

The rationale behind presenting our current understanding of the project was to encourage our team to first form an idea of the project and scope before presenting our current knowledge to the client. This allowed us to narrow down the potential questions we needed to ask later in stage two - the question asking stage, resulting in increased time efficiency. We also believe that showing initiative in understanding the project would help strengthen our relationship with the client.

2.1.2 Stage 2 of interview

Questions were prepared for the client to aid our team in understanding the problem and scope of the project.

These included:

- What is the product?
- What are the objectives for the product?
- What is to be accomplished? (scope)
    - Are we just doing the UI?
    - How much customization will the dashboard require?
- How does the system fit into the needs of the business?
- How is the product to be used on a day to day basis?
- What is H5P exactly?
- How much of H5P do they prefer us to use? preferences for tools?
- What does self reflecting include?
- How is that going to reflect in the analytics?
- What performance metrics do we gather from the student?
- How do we process it?
- What is the output?
- Does the client have any preferences to how the students will interact with the dashboard?
- Ask if he could provide us with scenarios for each potential user

2.1.3 Stage 3 of interview

Discussions are commonly used to promote the exploration of issues. Our team planned to incorporate a lengthy discussion due to our limited understanding of the project.

This allowed us to organically discuss the central problem and scope of the project.

2.2 Roles and responsibilities

Providing our current understanding: Kahsheng, Brendan

Asking the client questions: Yifei, Samarth

Note taking & recording minutes: Giovanna/ Bing