

CS – Internal Assessment

Club Hub

Criterion A- planning

Client: Teacher at a school

Problem:

In XXX school there is little communication between teachers and students, as the client mentioned in our interview, which leaves a big gap in conveying information about approaching lessons, meetings, and interest clubs. My client is finding it hard to discover and edit the schedule of those events. The client wants an accessible tool to all students and teachers so that the flow of information is not connected only to offline meetings. In the interview, client mentioned that a webpage would be a great solution for the problem since it solves the discomfort of getting info in real life. It is going to be accessible to everyone, hence providing a platform for informational exchange. The reason for the product to be made is to make the communication easier and more pleasant, less time-consuming. The program is going to serve as a basis for providing meaningful information about ongoing and future events, their date, description. This web-based program is going to connect people, help them share their passion with others.

The tools used are going to consist of HTML, CSS, and PHP. Each of them serves a purpose. HTML – the basic structure of the page. It is commonly used by all web developers. Since the client wants a web-based program it is the best solution for the problem. CSS – mostly design of the page. The client stated: “the design should be minimalistic and easy to use”. CSS in combination with HTML creates a great looking page. JavaScript – this language deals with responsive design, such as buttons, menus etc. PHP – back-end programming language that helps process data inputted. Since the client suggested a log in page, PHP is going to be responsible for the information checking, validation. One of the biggest PHP competitors is

SQL. It is mostly used for processing big amount of data. However, PHP is frequently used specifically for web-development since it focuses on dynamic content such as forms and interaction with the database. Those tools completely close all the points the client wanted for the program to perform. Each tool serves the purpose, without one of them some functionality of the webpage would be missing.

Success criteria:

- Accessibility (Webpage)
- User-friendly interface
- Cross-Browser compatibility
- Conveying information sufficiently (Accurate data representation)
- Organizing space (data change)
- Minimalistic design
- Safe input of information (as an organizer)
- Management of the events (deleting)
- Feedback mechanism
- User data security(encryption)

Word count: 363