Criterion E: Evaluation

I sat down with the client and we went through the final product together as they expressed their thoughts about the overall functionality and specific features of the product. The interview was conducted in a foreign language as the client found it easier to express themselves in this way. Notes were taken during the interview to summarise and translate their thoughts into a more comprehensible form.

Evaluation Against the Success Criteria

Success Criteria	Evaluation
To have all the required tables set up beforehand.	System of tables suited their data-organisation needs. _seq tables were a bit awkward however, so could've used another method of primary key sequencing.
To have a form for each table for the user to easily input the desired records into the database.	Client could use the form editor on MySQL Workbench to add and change data. No complaints about the UI.
To have preset views that merge together the desired tables that are needed to assemble the required fields and records together for the PDF document generation.	Client liked that each record in the views showed complete information about a specific documentation, rather than just seeing IDs.
To be able to filter records from tables by inputting the value to be searched for in the table.	The client found the filter function practical, however they thought that individual filter forms for each field would create a more organised filter process.
To be able to automatically generate the selected documentation by inputting the appropriate document ID.	Client found this really useful, but having to refer back to the database for IDs is inconvenient. Could have a reference system on the same form page.
To have a responsive website UI that scales with the window size.	Client likes that it can operate in a smaller window, as they like to multitask. However, could be adjusted slightly as the UI can feel a little cramped in smaller window sizes.
To make sure the records and data in the generated PDF fit within the margins and borders (especially with longer record values), and do not overlap with any of the other elements of the PDF.	The generated PDF documentation facilitates long data values and they don't overlap with other PDF elements.
Constraints to be set on database fields to minimise data entry errors and prevent database	Client encountered errors due to data validation rules and constraints set. They liked this because

errors from occurring.	they aren't very accurate with the keyboard.
Data validation for *both* the forms on the web-based application and forms in the MySQL database.	

Future Improvements

Form editor on the web-based application
A form editor can be built into the web-based application so that the entire system can be accessed all in one place - in the web-based application. The user wouldn't have to work between MySQL workbench and the web-based application. This can be done through HTML and CSS to design the user interface and PHP to connect to the database in the back-end.

Report creation tool
The client would like to create PDF reports of data from other tables (e.g. client) and not just documentation. This can be done in the same way as the PDF documentation generation, using TCPDF, PHP, HTML and CSS.

Employee data
The system could be expanded to cover more areas of the business, such as employee data and their salaries. As a result, more can be managed through the web-based application alone. This can be done by expanding the database, adding more tables for storing this employee data.