**Criterion E: Evaluation[[1]](#footnote-1)**

**Product Evaluation**

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| **No.** | **Success Criteria** | **Met(?)** | **Comments** |
| 1 | Client should be able to create an account with unique credentials. | Met | The application is only accessible to the Client after they have logged into their account. |
| 2 | The application must validate user signup with two-factor email authentication. | Met | Upon signing in, the Client will only proceed to the home page after entering a 5-digit OTP sent to their email. |
| 3 | Client should be able to add new patients. | Met | The Client can add new patients and their general details that get stored in the ‘Patient’ table. |
| 4 | The application must display all the patients in a separate page. | Met | The Client can view all the patients listed accurately. |
| 5 | Client will be able to filter and search for individual patients based on name, age, or gender. | Met | The Client is able to quickly find the patient they are searching for by typing in their ID, or the first few letters of their name. |
| 6 | Client should be able to add additional diagnosis for each patient. | Met | Apart from the general information, the Client can store additional diagnosis concerning a dentist. |
| 7 | Client should be able to upload pictures to the appropriate patient. | Met | The Client can upload pictures for each patient, that can be viewed separately. |
| 8 | Client should be able to view pictures for the corresponding patient as a carousel. | Met | The Client can view the uploaded pictures for a patient on a sperate page as a carousel. |
| 9 | Client should be able to add or remove an appointment for each patient. | Met | The appointment time and date for a specific patient can be logged by the Client as well as cancelled. |
| 10 | Client should be able to update the appointment time for the patients. | Met | If change in appointment timings arise, the Client can update the appointment time for any patient. |
| 11 | The application must not allow for any overlap in timing among the existing and future appointments. | Met | The appointments are created after checking that they do not interfere with other existing appointments. |
| 12 | Display the grand total number of patients and appointments on the dashboard. | Met | The total number of patients and appointments are displayed on the dashboard. |
| 13 | Display the appointments of the current day on the dashboard. | Met | The appointments logged for that day will be displayed on the home page. |

**Recommendations for further development**

**Minor Improvements:**

* Include the feature to allow the Client to change their password, in case they lose track of their current one.
* Enable notifications from the application in the form of email to remind the patients and the Client about upcoming appointments.

**Major Improvements:**

* Include the feature that generates a file summarising the patient’s complete information and displays it in textual form with pictures on a separate page.
* Allow login for another type of user for the lab assistants, which would prominently utilize the application for recording the outputs of the various equipment present throughout the orthodontic centre.

**Scope for further development**

The client was satisfied with the performance of the application. It followed the desired structure that the Client wished for. However, the Client now acknowledged its potential use to his assistants who work in the orthodontic centre along with him. So, he relied to me that he would prefer it if the application had another type of user for the assistants which could work with logging in data for each piece of equipment present in the centre.

In conclusion, regardless of the further scope for improvement and development, the outcome of the application was appropriate to the Client’s requests.

Word Count: 193

1. See Appendix E [↑](#footnote-ref-1)