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SWINBURNE UNIVERSITY
OF TECHNOLOGY

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101131147 | MONIQUE KUHN

Naurin Afrin | Friday 12.30

SWE30010 Development Project 2: Design,
planning and Management

Author Monique Kuhn 101131147

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Project Proposal: *PHP-SRePS*

Quality

The following report has been compiled as a proposal for the team's definition of done. It outlines the requirements and aims to ensure quality in the final product.

No.	Nature	MSCW*	Characteristic	How to Measure
1	Function	M	Record, edit, and view sales data for pharmaceutical products	Ensure app can record, edit, and view sales data
2	Function	M	Generate alerts for low stock	When any stock is low, a notification must be generated with the relevant information
3	Function	M	Predict monthly sales for items based on previous sales	Use previous data to compare to the application generated data
4	Maintainability	M	Generate monthly sales reports which can be in CSV format	Compare application sales report with CSV exported with edge cases
5	Function	M	Provide access to these features through a graphical interface	Ensure all MUST features are accessible in the application
6	Function	M	Fully workable application and database system	Ensure data can be edited, inserted, deleted accurately
7	Usability	S	Intuitive UI that staff will find easy to transition to	Test UI with potential clients/test subjects
8	Usability	S	Display Items that are in demand	A clear graphical indication should label high demand stock
9	Function	S	Display stock numbers of all items in store	Based on input, the correct figures should be displayed
10	Usability	S	Data should be presented in a concise and self-explanatory manner	Users should be able to tell what the data presentation is trying to indicate
11	Usability	S	Appropriate error message should be displayed	Code should present relevant, helpful error messages to a client
12	Reliability	C	Online/Cloud database	Data should be accessible through internet connection
13	Security	C	Login system with different permissions	Staff should be able to login to the system with unique identifier and password
14	Usability	C	Training session	Staff should be able to work the application at the conclusion of the training session
15	Maintainability	C	Provide development documentation for future dev work	Documentation should be clear and substantial enough that future devs can continue working on it + relevant commenting should be provided in code
16	Reliability	W	mobile access	Aesthetically similar mobile app should provide the same functionality as web app
17	Reliability	W	Backups/redundant storage	Up to date
18	Security	W	Data Encryption	Data cannot be accessed by undesired personnel
19	Usability	W	Application should be accessible for a wide range of characteristics i.e. poor eyesight/colour blind	Application can be used by colour blind/poor eyesight personnel

*MoSCoW represents MUST, SHOULD, COULD, and WON'T