

SWE30010 Development Project 2: Design, Planning and Management

Pass Task 2.1 : Scope and Product Backlog

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Tutorial time : Fri 2.30pm

Project Proposal Sales Reporting and Prediction System (PHP-SRePS)

Scope :

The software we are going to develop is a Sales Reporting and Prediction System (PHP-SRePS) software.

This desktop-based application will help People Health Pharmacy company to transfer data from paper-based system to a modern computer software.

Specifically, this software offers essential basic functions such as adding, editing and removing sales records which could not be done quickly on paper-based system. Moreover, the software has the ability to analyze and finalize weekly and monthly reports to help the company gain a better understanding of their business. All the reports can be saved and exported to .CSV file format for further processing.

The software is also implemented with a checking system to alert the company about the out-of-stock items. This function will help the company keep track of their business and maintain the state of the business.

Finally, the software offers a graphical-friendly user interface with good UX which makes the users feel comfortable using it.

The software should be ready to be demonstrated to the client within 12 weeks. The planning, designing and implementation process should be done within the first 10 weeks, and the last 2 weeks will be for testing and demonstrating.

Backlog :

No.	Item	Dependencies	Business Value (1 least – 10 most)	Release Schedule (Sprint #1 2 3 ...)
1	Add a sales record		6	Sprint #1
2	Edit a sales record	1	6	Sprint #1
3	Remove a sales record	1	6	Sprint #1
4	Display a sales record	1	8	Sprint #1
5	Display weekly sales record	1	8	Sprint #2
6	Display monthly sales record	1	8	Sprint #2
7	Predict the sales of an item on a month basis	1	9	Sprint #2
8	Predict the sales of a group of similar items on a monthly basis	1	9	Sprint #2
9	Generate a monthly sales report as a .CSV file	1	8	Sprint #2
10	Warning messages/Alert when stock is low	1	9	Sprint #2
11	Display sales record in graphical interface	1	7	Sprint #2