

# 02P: Project Proposal: PHP-SRePS

## Group 02

**Tutorial** : Wednesday 8:30-10:30 Odd week.

**Tutor** : Harsharan kaur

**Team** : Tristan Schnabl | 102146249  
Yuvraj Ralh | 102654302  
Nicolas Rae | 101629956  
Con Kastanaras | 102338813  
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## Background

People Health Pharmacy (PHP) is a Hawthorn based pharmacy seeking to make a digital transition. Currently they operate with manual, paper-based records of sales data and inventory management which results in a variety of issues. These include errors in data entry, lack of analytical power and a tendency to run out of stock of high demand items. With these issues in mind, PHP has decided to implement a solution with a Graphical User Interface and automatic reporting capacity to better analyse sales and product data, as well as facilitate accurate inventory management to thereby cater to customers needs.

## Scope

This project aims to build a software based application for People health pharmacy to record sales data and generate weekly and monthly reports. The application will be capable of recording everyday sales data and access it with the help of a graphical user interface as well as produce a weekly and monthly sales report in CSV format.

The project will not be covering the following components and hence is considered to be out of scope. The application will not support cross platform support (android, apple etc). This is a record keeping application and hence no inventory management will be implemented.

## Deliverables and schedule

The deliverables for this project include

- Design and Architecture of the application
- Prototype of the application
- User Manual, User training guide
- Access of the binary.

## Initial Release Schedule of the Product backlog items

No	Item	Dependencies	Business Value (1 least – 10 most)	Release Schedule (Sprint #1   2   3)
1	Add a sales record	0	10	Sprint #1
2	Edit a sales record	1	9	Sprint #1
3	Display a sales record	1	8	Sprint #1
4	Display Weekly sales report	3	9	Sprint #1
5	Display Monthly sales report	3	9	Sprint #1
6	Display statistical sales data for an item (Bar chart/Pie chart)	3	8	Sprint #2
7	Login page for manager's authentication	3	6	Sprint#2
8	Generate a weekly sales report as CSV file	4	8	Sprint #2
9	Generate a Monthly sales report as a CSV file	5	8	Sprint #2
10	Predict the sales of an item on a weekly basis	4	7	Sprint #3
11	Predict the sales of an item on a Monthly basis	5	7	Sprint#3
12	Predict the sales of a group of similar items on a monthly basis	5	7	Sprint #3

## Team member comments

1. **Naveen Shankar:** In my opinion, the above project proposal provides a comprehensive solution for People Health Pharmacy. My team consists of members with different skills and by joining hands we can successfully deliver the project. I believe that my team and I have come up with a product backlog which covers all aspects of the application with a reasonable release schedule. Overall I am happy with my team's project proposal.
2. **Nicolas Rae:** I agree with this final decision of the project proposal as it addresses the issues that People Health Pharmacy are facing and the proposed application will work to provide a solution for those issues. The product backlog that the team has come up with covers everything that the application needs as well as a release schedule that can be upheld without issue.
3. **Cameron Anderson** Having worked together to determine strengths and weaknesses of individual group members' initial project proposals I am happy with the current project proposal that has been developed as it caters to the requirements of People Health Pharmacy without veering outside the scope of their issues. In my opinion the area for improvement in this proposal is to include a greater focus on sales reporting such as being able to track day on day sales results when comparing sales of individual items in different months, however due to the limited scope of this project I still agree with our focus primarily being on database management.
4. **Con Kastanaras:** I agree with the final schedule of product backlog items we have decided on. It meets the requirements of what the client wants, including a database, application and GUI for stock records and creating reports. It is very similar to the schedule I created on my own.
5. **Tristan Schnabl:** The above project proposal goes into a comprehensive problem solving solution. It looks to address the needs of People Health Pharmacy (PHP). The team that consists of various different colleagues that all have unique skills that they can bring to the table, have come up with a comprehensive and well thought out product backlog, based on the issues presented by PHP. I believe that the product backlog covers all of PHP's issues, without going beyond the scope of the project. Overall I am in agreement, and think that this project is achievable and well thought out.
6. **Yuvraj Ralh:** I completely agree with the final decision that has been made by my team. During the group discussion, we came across numerous diverse ideas that might or might not define the whole scope of our project. Each team member had something unique to bring to the table and we discussed what similarities and differences we had in our individual scope statements. Following this manner, we also considered the feedback given to us by our tutor and incorporated the components that we agreed upon. We also debated about non-goals/out-of-scope activities involved in our project. After settling upon a satisfactory scope for our project we then moved on to produce the product backlog list. Almost everyone of us had analogous ideas about the activities that might constitute a product backlog, so we had no particular difficulty in settling upon a suitable product backlog. I honestly believe that the group discussion was a success for the reason being that I was able to incorporate my ideas into the project and we, as a team, were able to reach a convenient solution.