# Product Backlog

**Project Background**

**Your customer:** People Health Pharmacy

**Software:** PHP Sales Reporting System (PHP-SRS)

**Synopsis:**  
People Health Pharmacy is a small pharmacy based in Hawthorn. We offer various medicine, health care products and accessories.

Currently we are using a paper based system to record our sales. Our company is finding it difficult to gain a better understanding of our weekly and monthly sales. We also frequently run out of certain items that are in demand.

We are in need of an application that can analyses our sales data and produces a set of reports that would help our manager improve their product ordering decisions.

The application must offer a graphical user interface. However, the reports generated by the automatic analysis needs to be in a format that can be easily translated into CSV (comma separated values) files for further processing.

## Develop Project Backlog

### Suitable Features:

1. Adding Sales Records
2. Inventory Coming in and Out
3. Trends
4. Automated Reporting
5. Import/Export CSV
6. GUI implementation

### Non Functional Requirements:

1. Scalability
2. Stability
3. Privacy
4. Quality
5. Data Recovery

### Other Services/Work:

1. User Training
2. Manuals and Documentation
3. Future Application Support

After discussing this with our group however, we felt that some things did need to change, and our group’s Project Backlog reflected these changes.

## Business Value

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Item** | **Business Value (1 least - 20 most)** | **Date Needed (1 | 2 | 3 | 4 | 5)** |
| 1 | Adding Sales Records | 11 | Sprint 1 |
| 2 | Inventory Coming in and Out | 6 | Sprint 1 |
| 3 | Trends | 5 | Sprint 5 |
| 4 | Automated Reporting | 13 | Sprint 1 |
| 5 | Import/Export of CSV | 10 | Sprint 2 |
| 6 | GUI Implementation | 16 | Sprint 3 |
| 7 | User Training | 15 | Sprint 5 |
| 8 | Manuals and Documentation | 14 | Sprint 5 |
| 9 | Future Application Support | 8 | Sprint 5 |
| 10 | Scalability | 4 | Sprint 3 |
| 11 | Stability | 8 | Sprint 3 |
| 12 | Privacy | 20 | Sprint 4 |
| 13 | Quality | 10 | Sprint 4 |
| 14 | Data Recovery | 18 | Sprint 4 |

The above table details the Business Value and Sprint date for each feature or non-feature. This was completed before our group had a meetings and our discussions heavily influenced how we thought about the tasks and business value.

# Group Product Backlog

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### Functional Requirement

1. Adding a sales record
2. Inventory in/out
3. Analysis of sales data
4. Generate analysis reports
5. GUI
6. Export CSV Files
7. Inventory level alerts
8. First time user support wizard
9. Ability for user to generate reports based on input

### Non-Functional requirements

1. Privacy
2. Disaster recovery
3. Appropriate response time
4. Maintainability
5. Sales analysis offered in various forms
6. Inexpensive
7. Simplistic user interface

### Services

1. Installation
2. User Training
3. User manual
4. Future Support

## Group Business Value Table

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Item** | **Business value (1-20)** | **Date Needed (1|2|3|4|5)** |
| 1 | Add a sales record | 10 | 1 |
| 2 | Inventory in/out | 14 | 1 |
| 3 | Analysis of data | 16 | 2 |
| 4 | Generate analysis report | 20 | 3 |
| 5 | Ability for user to generate reports based on input | 16 | 3 |
| 6 | Inventory level alerts | 15 | 2 |
| 7 | Export CSV | 12 | 4 |
| 8 | GUI | 14 | 4 |
| 9 | Privacy | 9 | 5 |
| 10 | Disaster recovery | 8 | 5 |
| 11 | Appropriate response time | 11 | 2 |
| 12 | Maintainability | 12 | 1 |
| 13 | Sales analysis offered in various forms | 16 | 2 |
| 14 | Inexpensive | 13 | 1 |
| 15 | Simplistic user interface | 14 | 5 |
| 16 | Installation | 8 | 5 |
| 17 | User Training | 14 | 5 |
| 18 | First time user support wizard | 13 | 4 |
| 19 | User manual | 7 | 5 |
| 20 | Future support | 7 | 5 |