**Task 2.2: Scope and Product backlog**

Team members: Group 07

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Tutorial Time: Wed 8.30am

1. **Scope** :

* Goal:
* Analyse weekly and monthly sales data
* Produce graphical weekly and monthly sales reports
* Export sales report to .CVS files
* Constraints:
* Desktop base application
* Compatible on Windows and Mac platform
* Microsoft Access as a database
* Objectives:
* Specify:
* Help the business maintain relationship with their customers by avoiding running out of stocks
* The application will help business saving time and keep a copy of sales record securely .
* Measurable: The application costs about 100 dollars.
* Attainable: The application will help the business achieve their goals.
* Realistic: The development team is confident that the software is completed and delivered on time.
* Time: The product prototype will be available in 5 weeks, then, will be completed and delivered in another 5 weeks time. The total duration is 10 weeks.

1. **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 sale record | 1 | 6 | Sprint #1 |
| 4 | Search items | 1 | 7 | Sprint #1 |
| 5 | Display a sales record | 1 | 8 | Sprint #1 |
| 6 | Display weekly sales report | 1 | 8 | Sprint #2 |
| 7 | Display monthly sales report | 1 | 8 | Sprint #2 |
| 8 | Predict the sales of an item on a monthly basis | 1 | 9 | Sprint #2 |
| 9 | Predict the sales of a group of similar items on a monthly basis | 1 | 9 | Sprint #2 |
| 10 | Generate a monthly sales report as a CSV file | 1 | 8 | Sprint #2 |
| 11 | Warning messages when stock is on low | 1 | 9 | Sprint #2 |
| 12 | Display sales record in graphic | 1 | 8 | Sprint #2 |

1. **Group comments:**

* Huy’s comments: The cost of the application should be free because this is a good opportunity for students to gain experience in developing a real life project
* The Anh’s comment: At first, I disagree with the desktop version because I prefer web-base and real-time update system. However, because the time limitation and knowledge, we can only develop desktop version, we will attempt to have web base version later on.
* Nhan’s comment: Due to the resources of the development team, the delivery time of the project should be extended to at least 12 weeks instead of 10. The development team has 3 members and we do not have much experience in developing desktop software.