Task 2.2: Scope and Product backlog

Team members: Group 07

- Huy Phung 100629722
- Nhan Nguyen 100654070
- The Anh Hoang 100016528

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.

2. **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

3. 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.