**Software Requirements Specification**

1. **Introduction**
   1. **Purpose** : This document provide a detailed overview of our software, it’s function and goals. It describes the target audience, user interface and the requirements. Reader can see product’s functionality.
   2. **Product** **Scope**: Some small shop can sell more their product when they do marketing and our SELLING WEBSITE can help do that better.
   3. **Overview** : The remaining sections of this document provide more detailed description. General description of the project is discussed in section 2. Section 3 is about functional requirements, data requirements and constraints and assumptions made, it also discusses the external interface.
2. **Overview Description**
   1. **Product function**: selling website is a helping tool that provide a effective way to sell item, help the shop improve their benefit.
   2. **Use classes and Characteristic**: User classes may use this product: medium shop, small shop, individual businessman, …
3. **Specific** **Requirements**
   1. **Functionality**: This subsection contains the requirements for the project tracking. These requirements are organized by the features discussed in the vision document. Features from vision documents are then refined into use case diagrams and to sequence diagram to best capture the functional requirements of the system. All these functional requirements can be traced using tractability matrix.
      1. User sign up/ login : Website will allow user to create new account (or use facebook, gmail, …) and each user will have their own permission(customer, manager, salesmen, …).
      2. Create/Delete item: salesman and manager can upload or delete item so that customer can see them.
      3. Member permission: Manager can update other user’s permission.
   2. **Graphical User Interface**: The system shall provide a uniform look and feel between all the pages.
   3. **Security**:
      1. The system shall automatically log out if browser turn off.
      2. The system shall not leave any cookies on the customer’s device containing user’s password.
   4. **Data storage**
      1. The web browser will never display a user’s password.
      2. The system’s back-end servers shall only be accessible to authenticated.
   5. **Interface**
      1. The protocol will be used: HTTP.
      2. The port number will be used: 80.