**Sprint Planning (Sprint 2)**

**Sprint goal: To develop most of the core modules of the system such as allowing customers to search and order products, and staffs to check and update member details and stocks.**

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| **Priority** | **User Stories** | **Time estimated (hours)** | **Point** | **Developers** |
| 1 | As a staff, I can order goods from supplier so that the stock will always available.  - Design and develop user interface  - Coding (retrieve updated goods from supplier and validate availability) | 1.5  4 | 3 | - Ngai Kwong Jeng  - Shee Khai Yuen |
| 2 | As a staff, I wish to change the quantity of the goods that order from suppliers so that I can purchase the goods in a correct amount.  - Design and develop user interface (increase and decrease user icon)  - Validate the amount of goods selected and their quantity | 1.5  3.5 | 3 | - Ngai Kwong Jeng  - Shee Khai Yuen |
| 3 | As a staff, I can view a list of suppliers company name before purchase goods, so that I can choose an appropriate supplier to purchase particular good.  - Design and develop user interface  - Coding (retrieve supplier list from database)  - Testing (validate data) | 0.5  1.5  1 | 3 | - Geh Chia Yie  - Ngai Kwong Jeng  - Shee Khai Yuen |
| 4 | As a staff, I can check the supply product detail so that I can know which product I am looking for.  - Design and develop user interface  - Coding (retrieve all product details, supplier list)  - Testing (validate data) | 0.5  1.5  1 | 3 | - Geh Chia Yie  - Phang Kai Xiang  - Shee Khai Yuen |
| 5 | As a staff, I can check member details so that I can contact the members and update them with the latest promotions.  - Design and develop user interface (Edit member page)  - Coding (retrieve all accounts with their member details from database) | 1  1 | 2 | - Geh Chia Yie  - Shee Khai Yuen |
| 6 | As a staff, I can check the stock, so that I can make decision for ordering the goods.  - Design user interface and validate stock quantity from database | 2 | 2 | - Ngai Kwong Jeng |
| 7 | As a user, I can remove particular item in my cart, so that I can remove unnecessary item.  - Design and develop user interface (remove icon for user to select on it)  - Coding (delete record from cart and update database)  - Testing (test module and validate if item selected is removed from cart of user account) | 0.5  1  0.5 | 2 | - Geh Chia Yie  - Loong Jun Bin  - Shee Khai Yuen |
| 8 | As a customer, I can view my cart so that I will not purchase the wrong items.  - Design and develop user interface  - Coding (retrieve and validate all items in cart to match with customer's account)  - Testing (test module to check if the products added to cart are listed) | 0.5  1  0.5 | 2 | - Loong Jun Bin  - Ngai Kwong Jeng  - Phang Kai Xiang |
| 9 | As a user, I can check the total price of the selected items in my cart so that I can pay the correct amount for purchase.  - Design and develop user interface  - Coding (retrieve account details and total amount in cart from database)  - Testing (test module if the amount in cart is retrieved accurately) | 0.5  1  0.5 | 1 | - Loong Jun Bin  - Ngai Kwong Jeng  - Phang Kai Xiang |
| 10 | As a staff, I can check the quantity of the stock so that I can check which product is the best selling product.  - Design and develop user interface  - Coding (retrieve stock quantity from database) | 0.5  1 | 2 | - Phang Kai Xiang  - Geh Chia Yie |
| 11 | As a staff, I can check the stock, so that I can know the current stock quantity.  - Design and develop user interface (arrange and align the stocks and their quantities in list form)  - Coding (retrieve up-to-date stock quantity from database) | 0.5  1 | 2 | - Phang Kai Xiang  - Geh Chia Yie |
| 12 | As a staff, I can make announcement for the start page so that I can make sure user is agreed with our rule and regulation.  - Design user interface and include rule and regulation in the page. | 1 | 1 | - Shee Khai Yuen |
| 13 | As a customer, I can search the product so that I can purchase the items which I want.  - Design and develop user interface (search bar)  - Validate user entries with database | 1  1 | 1 | - Ngai Kwong Jeng  - Loong Jun Bin |
| 14 | As a customer, I want to view product details so that I can know the what product is available.  - Design and develop user interface (product page)  - Coding (retrieve product details from database) | 1  1 | 1 | - Loong Jun Bin  - Ngai Kwong Jeng |
| 15 | As a customer, I can search the product so that I can know more detail about the product.  - Coding (retrieve product database and check if searched product is matched)  - Test and validate if the product details displayed is matched with database. | 1  1 | 1 | - Geh Chia Yie  - Phang Kai Xiang |