

USER STORIES

CUSTOMER VIEW

No.	User stories	Acceptance criteria	Story point
1	As a customer, I want to select one snack from the categories below so that I can purchase. e.g. Selects a bottle of coca cola <ul style="list-style-type: none">• Drinks: Mineral Water, Sprite, Coca cola, Pepsi, Juice.• Chocolates: Mars, M&M, Bounty, Sneakers.• Chips: Smiths, Pringles, Kettle, Thins.• Candies: Mentos, Sour Patch, Skittles.	<ol style="list-style-type: none">1. User could select the snack for further purchasing.2. The snack item's amount increases.	2
2	As a customer, I want to select multiple snacks so that I can purchase. e.g. Selects a bottle of coca cola and a bottle of sprite	<ol style="list-style-type: none">1. User could select multiple snacks for further purchasing.2. The snack item's amount increases.	2
3	As a customer, I want to select different quantities of snacks so that I can purchase. e.g. Select three bottles of coca cola.	<ol style="list-style-type: none">1. User could select different quantities of snacks for further purchasing2. The snack item's amount increases within the limit of snack quantity (max 10).	2
4	As a customer, I want to remove undesired snacks so that I can purchase desired snack only. e.g. Selects a bottle of coca cola and a bottle of sprite, and the customer doesn't want sprite anymore	<ol style="list-style-type: none">1. User could delete snacks in cart2. Snack item's amount decreases	1
5	As a customer, I want to cancel transaction as currently I don't want to purchase any more, so that I can cancel transaction. e.g. Customer need to cancel a transaction as he/she forgets to bring the wallet	<ol style="list-style-type: none">1. User can cancel this transaction manually2. Or cancels automatically by exceed 2 minutes3. After the cancelation, return the default page	2

6	As a customer, I want to register account and login so that I can make further purchasing after.	<ol style="list-style-type: none"> 1. user input username and password for register a new account or for login if the account exists. 2. If register and the username are duplicated, return an error message. If the password goes wrong, return an error message. 3. Password is hidden by * 	3
7	As a customer, I want to look last 5 product bought by user so that I can get some suggestions of buying which snack.	<ol style="list-style-type: none"> 1. Show last 5 items bought by this user 2. If an anonymous user login, show last 5 items bought by anonymous user 	2
8	As a customer, I wish to pay by cash so that I can pay it fast	<ol style="list-style-type: none"> 1. User can put notes and coins up to 20 for the snacks. 2. If payment is enough for buying snacks selected, purchasing success. 3. Amount of cash increases. 	5
9	As a customer, I want to get changes as I don't have enough spare coins so that I can pay by cash e.g. Customer pays 10 dollars cash for chips that cost 7 dollars, and customer wants the 3 dollar changes.	<ol style="list-style-type: none"> 1. If user use cash to purchase, and cash put in is more than the need of purchasing snacks, purchasing success. 2. Higher notes or coins are prioritised 3. If there are not enough changes, notify the customer that there is no available change with the inserted money, they could use different notes/coins to pay or cancel the transaction. 4. Amount of cash decreases. 	5
10	As a customer, I wish to pay by card so that I can pay it easy	<ol style="list-style-type: none"> 1. User need to input the cardholder name and credit card number 2. If details do not match, notify user. 3. Card number is hidden by * 	5
11	As a customer, I could save card details so that I can make future purchasing	<ol style="list-style-type: none"> 1. User pays successfully by card 2. Pop an option to ask user to save credit card detail for purchasing next time 	2

SELLER VIEW

No.	User stories	Acceptance criteria	
1	As a seller, I want to change detail about items so that I can change product price. e.g. Smith's chips' price increases	<ol style="list-style-type: none"> 1. User could modify item details such as item name, item code, item category, item quantity and item price. 2. Return error message if there's conflicting item code/name/category 	3
2	As a seller, I want to add product so that I can solve the issue of the old products are sold out. e.g. Sprite is sold out and the seller need to refill it.	<ol style="list-style-type: none"> 1. User could add product within the limit (max 15) 2. Return an error message if user refill too much product 	2
3	As a seller, I want to remove product so that I can remove the product it is no longer produced, or remove the product have quality issue. e.g. One of the candies have a quality issue and the products need to be recalled.	<ol style="list-style-type: none"> 1. User could remove product within the limit (cannot remove more than currently have) 2. Return an error message if user remove too much product 	2
4	As a seller, I want to check the list of current available items with detail so that I can decide which product is having low stocks and need to refill.	<ol style="list-style-type: none"> 1. Currently available items that include item details displayed 	2
5	As a seller, I require to check the summary of item detail and the quantity sold for each item, so that I can check which product's selling best.	<ol style="list-style-type: none"> 1. A summary that includes items codes, item names, and the total sold of quantities for each item displayed 	2

CASHIER VIEW

	User stories	Acceptance criteria	
1	As a cashier, I want to add coin/note, so that I can solve the issue of cash is not enough in the machine.	<ol style="list-style-type: none"> 1. User could add changes to the machine 2. The changes' amount is increased 	3
2	As a cashier, I want to remove coin/note so that I can remove the cash if the cash is full in the machine.	<ol style="list-style-type: none"> 1. User could add changes to the machine 2. The changes' amount is decreased 	2

3	As a cashier, I want to check the list of current available change so that I can make the decision for whether to add cash or remove cash.	1. Currently available items that include item details displayed	2
4	As a cashier, I want to check the summary of transaction detail so that I can check the transaction are goes well or not.	1. A summary that includes items codes, item names, and the total sold of quantities for each item displayed	2

OWNER VIEW

User stories		Acceptance criteria	
1	As an owner, I want to add seller/cashier as I hires a new seller, so I can add him to system.	1. User could add seller/cashier from system 2. Amount of seller/cashier increases	3
2	As an owner, I want to remove seller/cashier as I fires a seller, so I can remove him from system.	1. User could remove seller/cashier from system 2. Amount of seller/cashier decreases	3
3	As an owner, I want to modify both items and changes so that I can manage all the things for the machine.	1. User could act as a seller 2. User could act as a cashier	5
4	As an owner, I want to check the list of users with a different role so that I can check how many customer and staff this vender machine has.	1. A summary that includes the user and role of user displayed	2
5	As an owner, I want to check the summary of cancelled transaction detail so that I can inspect the reason of transaction cancelation	1. A summary that includes date and time of the cancelled 2. The user (if available, otherwise "anonymous") and the reasons displayed	2
6	As an owner, I want to make sure no one could have more than one role so that I can clearly separate the users into groups. e.g. a customer cannot be a cashier	1. all user can have only one role e.g. customer, seller, cashier, owner	2