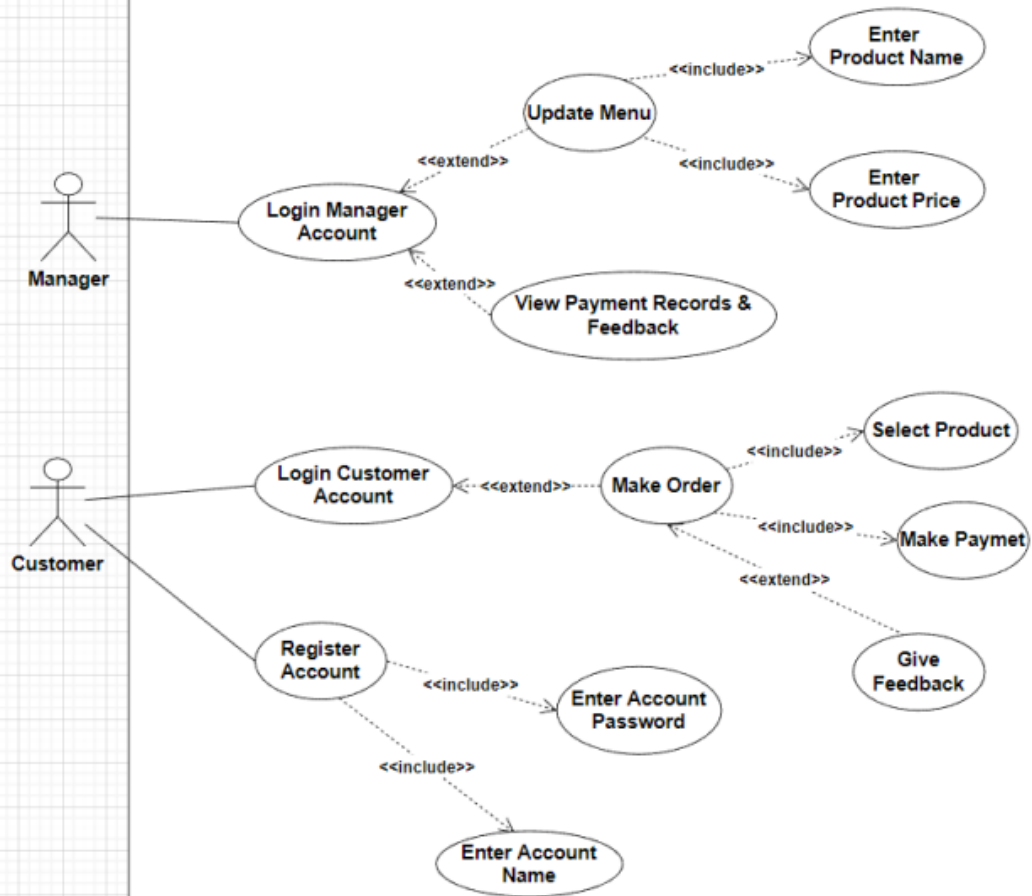


APU Cafeteria Ordering System



Use Case Specifications:

Use Case	Login Manager Account
Brief Description	This use case allows the manager log in to his account in the system.
Actors	Manager
Preconditions	Manager enters the account username and password
Main Flow	(a) The manager chooses to log in to the manager account (b) The system requires the manager to enter the account username and password (c) The system searches a text file to see if the username and password inputs are valid (ref. Alternative flow)
Alternative Flows	(c) (i) The inputs are invalid or blank, the system will print a message to notify the account does not exist

Use Case	Update Menu
Brief Description	This use case allows the manager to update the cafeteria menu.
Actors	Manager
Preconditions	Manager must enter the new product's name and price
Main Flow	(a) After logging in to the manager account, there is an interface for keying in the product name and price (b) The manager enters the inputs according to the text description (c) The manager clicks the button to complete the task (d) The system searches through a text file to make sure the inputs are not repetitive (ref. Alternative flow)
Alternative Flows	(d) (i) The inputs are repetitive, and the system rejects the inputs

Use Case	View Payment Records and Feedback
Brief Description	This use case allows the manager to view the records of the customers including the customer's name, order, payment, and feedback on the purchase.
Actors	Manager
Preconditions	Manager must stay in the account to use this feature.
Main Flow	(a) Click the 'View Record' option (b) The system reads the text file and displays the records (ref. Alternative flow)
Alternative Flows	(b) (i) The text file is empty; the system will not display anything

Use Case	Login Customer Account
Brief Description	This use case allows the customers to log in to their accounts in the system.
Actors	Customer
Preconditions	Customer enters the account username and password
Main Flow	(a) The customers choose to log in to their account (b) The system requires the customers to enter their account username and password (c) The system searches a text file to see if the username and password inputs are valid (ref. Alternative flow)
Alternative Flows	(c) (i) The inputs are invalid or blank, the system will print a message to notify the account does not exist

Use Case	Register Account
Brief Description	This use case allows the customers to create a new account.
Actors	Customer
Preconditions	Customer enters the new account username and password
Main Flow	(a) The users click the account registration option (b) The system requires the users to enter the new account name and password (c) The system searches through a text file to ensure the new account does not exist (ref. Alternative flow)
Alternative Flows	(c) (i) The username and password are used by other people (ii) the system rejects the inputs (iii) the account is not registered

Use Case	Make Order
Brief Description	This use case allows the customers to make orders from the cafeteria.
Actors	Customer
Preconditions	Manager must stay in the account to use this feature.
Main Flow	(a) After logging in to the customer account, there is an interface for ordering the product (b) The customers select the product from a list and enter payment amount (ref. Alternative flow) (c) The customers provide feedback (optional) (d) The system saves the record when the confirmation is made.
Alternative Flows	b. (i) The product selection is empty, the order cannot be submitted (ii) The order is rejected when the payment amount is not enough