## Template

| **Use Case Name:** |  | |
| --- | --- | --- |
| **Scenario:** |  | |
| **Triggering Event:** |  | |
| **Related Use Case:** |  | |
| **Brief Description:** |  | |
| **Actors:** |  | |
| **Stakeholders:** |  | |
| **Preconditions:** |  | |
| **Postconditions:** |  | |
| **Flow of Events:** | Actor | System |
| 1. Example. Example.  2. Example. Example.  3. Example.  4. Example. | 1.1 example. Example. example.t  2.1 example. Example.  4.1 example. Example. |
| **Except Conditions** |  | |

# Products

| **Use Case Name:** | Edit product details | |
| --- | --- | --- |
| **Scenario:** | The HoO wishes to edit the price, stock and details of a product in the inventory. | |
| **Triggering Event:** | The HoO wishes to edit the price, stock and details of a product. | |
| **Related Use Case:** | View inventory | |
| **Brief Description:** | The HoO wishes to edit the price, stock and details of a product, this is done from accessing the inventory menu first. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | The inventory menu must be opened first. | |
| **Postconditions:** | The new changes has been updated to the material | |
| **Flow of Events:** | Actor | System |
| 1. The HoO enters the inventory menu.  2. The HoO changes the details, price or stock of a selected product | 1.1 The system displays the inventory menu.  2.1 The system opens a pop-up window to edit details, price and stock of a product. |
| **Except Conditions** | No edits or changes to be made. | |

# Mixture

| **Use Case Name:** | Edit mixture details | |
| --- | --- | --- |
| **Scenario:** | The HoO wishes to edit the price, stock and details of a mixture in the inventory. | |
| **Triggering Event:** | The HoO wishes to edit the price, stock and details of a mixture. | |
| **Related Use Case:** | View inventory | |
| **Brief Description:** | The HoO wishes to edit the price, stock and details of a mixture, this is done from accessing the inventory menu first. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | The inventory menu must be opened first. | |
| **Postconditions:** | The new changes has been updated to the material | |
| **Flow of Events:** | Actor | System |
| 1. The HoO enters the inventory menu.  2. The HoO changes the details, price or stock of a selected mixture | 1.1 The system displays the inventory menu.  2.1 The system opens a pop-up window to edit details, price and stock of a mixture. |
| **Except Conditions** | No edits or changes to be made. | |

# Material

| **Use Case Name:** | Edit material details | |
| --- | --- | --- |
| **Scenario:** | The HoO wishes to edit the price, stock and details of a material in the inventory. | |
| **Triggering Event:** | The HoO wishes to edit the price, stock and details of a material. | |
| **Related Use Case:** | View inventory | |
| **Brief Description:** | The HoO wishes to edit the price, stock and details of a material, this is done from accessing the inventory menu first. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | The inventory menu must be opened first. | |
| **Postconditions:** | The new changes has been updated to the material | |
| **Flow of Events:** | Actor | System |
| 1. The HoO enters the inventory menu.  2. The HoO changes the details, price or stock of a selected material | 1.1 The system displays the inventory menu.  2.1 The system opens a pop-up window to edit details, price and stock of a material. |
| **Except Conditions** | No edits or changes to be made. | |

# Inventory

| **Use Case Name:** | View Inventory | |
| --- | --- | --- |
| **Scenario:** | Viewing the inventory menu, seeing products, ingredients and mixtures etc. | |
| **Triggering Event:** | When staff members and HoO want to view the inventory menu. | |
| **Related Use Case:** | Inventory adjustments, updating material price. | |
| **Brief Description:** | All involved actors would view the inventory for various purposes. All actors would see all the stocks, prices and quantities of products, mixtures and ingredients to name a few. | |
| **Actors:** | Purchasing, outlet, kitchen staff and HoO. | |
| **Stakeholders:** |  | |
| **Preconditions:** | The inventory menu bar has been pressed by the user. | |
| **Postconditions:** | A user exits by simply clicking any of the other sections by their menu bars. | |
| **Flow of Events:** | Actor | System |
| 1. Staff members or HoO opens the inventory menu by their menu bar.  2. Staff members or HoO closes the menu by clicking any other menu from their menu bar. | 1.1 System displays list of items.  2.1 System closes menu. . |
| **Except Conditions** |  | |

| **Use Case Name:** | Update Material Price | |
| --- | --- | --- |
| **Scenario:** | Purchasing updates the price of material if it changes. | |
| **Triggering Event:** | * Material price change | |
| **Related Use Case:** | View inventory | |
| **Brief Description:** | Purchasing will update the material price on the products & inventory page by clicking the edit button. | |
| **Actors:** | Purchasing | |
| **Stakeholders:** |  | |
| **Preconditions:** | * The material must exist. | |
| **Postconditions:** | Price of material changes in the products and inventory page. | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing presses edit button from products & inventory page.  2. Purchasing set price (type in the price) and update | 1.1 System displays pop up to set the price.  2.1 System closes pop up and shows new updated price of material. |
| **Except Conditions** | There are no changes in the price of materials. | |

| **Use Case Name:** | Inventory Adjustments | |
| --- | --- | --- |
| **Scenario:** | Editing and updating the inventory stock. | |
| **Triggering Event:** | The outlet or kitchen staff needs to update the stocks in the inventory due to any accidents or modifications occurring during the daily production or planning:   * After the view inventory use case is called.   The HoO conducts Stock Opname at the end of sundays every week:   * After the view inventory use case is called. | |
| **Related Use Case:** | View inventory | |
| **Brief Description:** | The inventory adjustments use case is a case where the kitchen, outlet staff and HoO would manually adjust the stocks in the inventory system. Normally, if both staff were able to completely follow the production plans for their daily production and operations, the system would automatically adjust the changes in inventory after a staff member were to update the status of the activity towards completion. However, there are several reasons for staff and the HoO to adjust the stocks in the inventory system manually. If there were any accidents such as spillage of milk or other ingredients during daily production, a kitchen staff member would have to adjust and change the stock quantities in the inventory system due to the event. The same reasoning applies for the outlet staff members if anything were to happen during their daily operation preparation.  The Head of Operations conducts the Stock Opname activity every sunday at the end of the day. | |
| **Actors:** | Head of Operations, Kitchen and Outlet Staff, | |
| **Stakeholders:** |  | |
| **Preconditions:** | * The view inventory use case is called. Allowing the user to view the inventory and select items to update its stocks. | |
| **Postconditions:** | * Staff or HoO have inputted the changed quantities of items in the inventory.   - The update button is pressed | |
| **Flow of Events:** | Actor | System |
| 1. Staff or HoO opens the view inventory menu.  2. Updates any changes to any of the items’ stock in inventory.  3. Updates changes and closes adjustment/edit menu. | 1.1 System displays list of items.  2.1 System updates changes in inventory to all servers.  3.1 System saves changes.  3.2 System closes menu. |
| **Except Conditions** | * For staff, adjusting inventory is not needed if no accidents or modifications were made during the daily production and operations. | |

# Quality Control

| **Use Case Name:** | Create QC Report | |
| --- | --- | --- |
| **Scenario:** | Kitchen staff creating a QC report after products arrive. | |
| **Triggering Event:** | * Materials arrive at kitchen * Kitchen conducts Quality control | |
| **Related Use Case:** |  | |
| **Brief Description:** | Kitchen creates a quality control report by filling in the QC form after doing a quality inspection on the materials that arrived at the kitchen. | |
| **Actors:** | Kitchen | |
| **Stakeholders:** | Kitchen, Head of Operations | |
| **Preconditions:** | * Materials has to arrive at kitchen * Kitchen has to do a quality inspection of the product | |
| **Postconditions:** | * Quality control report sent to the HoO where they will manage and send the report to the vendors. | |
| **Flow of Events:** | Actor | System |
| 1. Arrival of ingredient   2. Check quality of the ingredients  3. View report and send complaint to supplier | 1.1 Cross check PO with the products arrived  2.1 Input quality review report (whether it is satisfactory or not) |
| **Except Conditions** | Products not arriving. | |

| **Use Case Name:** | Manage Quality Control | |
| --- | --- | --- |
| **Scenario:** | Head of Operations complained to the supplier regarding the QC reports and asked for a redelivery of the cancel invoice. | |
| **Triggering Event:** | * Kitchen creates quality control report | |
| **Related Use Case:** |  | |
| **Brief Description:** | Head of operations views and manages the quality control reports, and complains to the supplier if there is an ingredient quality issue to later negotiate compensation where the supplier could deliver a new product if the invoice gets canceled. | |
| **Actors:** | Head of operations | |
| **Stakeholders:** | Head of Operations, | |
| **Preconditions:** | * Quality control report has to be made * Kitchen has to do a quality inspection of the product | |
| **Postconditions:** | * Supplier deliver new product * HoO cancels invoice for the product with quality issue | |
| **Flow of Events:** | Actor | System |
| 1. View report and complain to supplier regarding product with quality issue 2. Negotiate compensation with supplier 3. Supplier deliver new products | 3.1 System updates quality control status based on whether supplier wants to deliver new products/cancel invoice |
| **Except Conditions** | Quality control report not done. | |

# Payment Request

| **Use Case Name:** | Manage payment request | |
| --- | --- | --- |
| **Scenario:** | Handling and updating payment requests. | |
| **Triggering Event:** | When a new payment request enters the finance staff’s notifications towards their list. | |
| **Related Use Case:** | Submit payment request. | |
| **Brief Description:** | This is a use case that allows the user to view and update payment requests. The finance staff uses this case to store, approve and reject payment requests sent by the kitchen staff. | |
| **Actors:** | Finance staff | |
| **Stakeholders:** | Kitchen staff, HoO. | |
| **Preconditions:** | * Kitchen staff send payment requests, thus sending notification. * User presses the payment request menu on his/her menubar. | |
| **Postconditions:** | * Finance staff users have updated the payment requests by either approving or rejecting them. | |
| **Flow of Events:** | Actor | System |
| 1. Finance staff receive notification of payment request or simply opening his payment request list.  2. Staff user views the details of one payment request.  3. Staff approves or rejects the payment request.  4. Staff closes the list menu by opening another menu on his/her menubar. | 1.1 System displays incoming notification pop-up.  1.2 System displays a list of payment requests.  2.1 System opens view payment request detail menu.  3.1 System updates payment requests by either approved or rejected.  3.2 System closes detail menu, displaying payment request list.  4.1 System closes the payment request list menu and displays a new menu. |
| **Except Conditions** |  | |

| **Use Case Name:** | Submit payment request | |
| --- | --- | --- |
| **Scenario:** | Submitting a payment request to the finance staff after conducting an inventory quality control on new ingredients by the supplier. | |
| **Triggering Event:** | The tested ingredients passing the company’s inventory quality control tests. | |
| **Related Use Case:** | Inventory quality control, manage payment requests. | |
| **Brief Description:** | Once the kitchen staff has confirmed that the new ingredients passed the quality control test, a user from the staff begins logging into the system to create and submit a payment request to the finance staff to pay the supplier. | |
| **Actors:** | Kitchen Staff | |
| **Stakeholders:** | Finance staff, HoO. | |
| **Preconditions:** | * The ingredients or products have passed the company’s inventory quality control tests in the kitchen. | |
| **Postconditions:** | * Payment request form is submitted. | |
| **Flow of Events:** | Actor | System |
| 1. A finance staff user logs into his system.  2. User enters the payment request list and views all the requests.  3. User creates a payment request by pressing the create button  4. User submits the payment request form.  5. User leaves payment request menu. | 1.1 System displays logging system.  1.2 System closes logging system  2.1 System displays payment request list.  2.2 System opens preview menu on one of the payment requests.  2.3 System closes the preview menu and re-displays the payment request list.  3.1 System opens the create payment request form menu.  3.2 System saves changes on payment request form.  4.1 System sends payment request forms to finance staff through notification and calls to finance staff’s payment request list.  4.2 Systems closes the menu and re-displays the payment request list menu.    5.1 System closes payment request list menu. |
| **Except Conditions** | * The ingredients or products do not pass the company’s inventory quality control tests in the kitchen. | |

# Delivery

| **Use Case Name:** | Delivery | |
| --- | --- | --- |
| **Scenario:** | Driver receives delivery requests from the kitchen staff to bring the manufactured products to both outlets. | |
| **Triggering Event:** | Kitchen staff finishing daily production and completing the status of their production activity.   * Sending a notification to the driver for pick-up. | |
| **Related Use Case:** | Driver Delivery Tracking | |
| **Brief Description:** | Driver waits for the kitchen staff to finish daily production. After daily production is completed, the driver will receive a notification for a request to conduct a delivery. Driver will constantly update status all up until completion of the delivery. | |
| **Actors:** | Driver | |
| **Stakeholders:** | Kitchen and outlet staff. | |
| **Preconditions:** | * The daily production activity must be completed and its status must be updated by the kitchen staff for the delivery notification to activate. | |
| **Postconditions:** | * The PIK outlet staff must update the delivery status to complete to end the use case process for the driver. | |
| **Flow of Events:** | Actor | System |
| 1. Driver receives notification of delivery request.  2. Driver begins the delivery process. Updating status at each drop-off point.  3. Driver requests for PIK outlet staff to update status to complete the delivery. | 1.1 The system displays a notification of a new delivery request.  1.2 The system displays the delivery request list.  2.1 The system opens the view delivery request detail menu.  2.2 The system opens the delivery operation menu.  2.3 System updates status and turns on live location tracking.  2.4 System sends notification to outlet staff of driver’s delivery status.  3.1 System updates status of delivery operation after receiving input from outlet staff.  3.2 System saves changes and updates delivery operation to completed status.  3.3 System closes menu. |
| **Except Conditions** | * If the daily production is not completed, this use case will not bed called for activation. | |

| **Use Case Name:** | Driver Delivery Tracking | |
| --- | --- | --- |
| **Scenario:** | The outlet and kitchen staff view the live location of the driver for either pick-up or expecting delivery purposes. | |
| **Triggering Event:** | After the daily production is complete, the kitchen staff finishes the production sequence, automatically sends a delivery request which activates the live location tracking for the driver. | |
| **Related Use Case:** | Daily production, Daily operation. | |
| **Brief Description:** | After the daily production is complete, the kitchen staff finishes the production sequence, automatically sends a delivery request which activates the live location tracking for the driver. When the driver begins the delivery operation, the live location of the driver is relayed back to the screen of the outlet and kitchen staff’s system. The outlet staff will get updates from the driver about the status of the delivery operation. | |
| **Actors:** | Outlet and kitchen staff. | |
| **Stakeholders:** | Driver | |
| **Preconditions:** | The daily production sequence must be completed first. | |
| **Postconditions:** | The outlet staff must update the delivery operation to be completed and close this menu. | |
| **Flow of Events:** | Actor | System |
| 1. Kitchen staff view the live location tracking menu.  2. Once the driver arrives and updates the status of the operation to start delivering the products, the kitchen staff is finished.  3. Outlet staff can view the live location and receive updates of the status from the driver from the same menu.  4. Outlet staff can complete the delivery operation after receiving the products from the driver. | 1.1 System displays the live location tracking menu.  2.1 System would close the live location tracking menu for the Kitchen staff.  3.1 System keeps displaying the live location tracking menu for the outlet staff, notifying the outlet staff of any progress updates from status changes by the driver.  4.1 System notifies the outlet staff of the arrival of the products.  4.2 System opens a pop-up window to complete the delivery operation after the staff opens the “update status” button from the live location tracking menu.  4.3 System updates the delivery operation to complete it.  4.4 System closes the live location tracking menu and opens the daily operation menu. |
| **Except Conditions** | The kitchen staff does not complete the daily production sequence. | |

# HoO Dashboard

| **Use Case Name:** | HoO Dashboard | |
| --- | --- | --- |
| **Scenario:** | Head of operations logs in and views the dashboard. | |
| **Triggering Event:** | Log in successful | |
| **Related Use Case:** | - | |
| **Brief Description:** | Head of operations navigates to their dashboard after logging in, which serves as a visual interface providing information on what they need to do. | |
| **Actors:** | Head of operations | |
| **Stakeholders:** | HoO | |
| **Preconditions:** | * HoO must succeed login | |
| **Postconditions:** | * If other menus are open or called. | |
| **Flow of Events:** | Actor | System |
| 1. HoO logs into their account  2. HoO opens other menus. | 1.1 System displays dashboard  2.1 System opens other menu.  2.2 System closes dashboard menu in response. |
| **Except Conditions** | HoO failed to log into their account. | |

# Purchase Orders

| **Use Case Name:** | Create purchase order (Approved PR) | |
| --- | --- | --- |
| **Scenario:** | Creating a purchase order based on the list of products in the approved purchase request. | |
| **Triggering Event:** | Purchase request is approved | |
| **Related Use Case:** | * View approved PR list | |
| **Brief Description:** | Purchasing creates purchase order(s) based on the products in the approved purchase request and choose the vendor accordingly. Purchasing will fill a form to create purchase orders. | |
| **Actors:** | Purchasing | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | * There must be an approved purchase request | |
| **Postconditions:** | * Purchase order submitted | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing opens approved PR list  2. Purchasing fill in purchase order form according to materials/vendor  3. Purchasing submits purchase order | 1.1 System displays PR with materials to buy  2.1 System shows list of materials that vendor offers  3.1 System displays confirmation of purchase order |
| **Except Conditions** | * Purchase request is rejected | |

Create Purchase Order (Mon & Thurs)

| **Use Case Name:** | Create purchase order (Mon & Thurs) | |
| --- | --- | --- |
| **Scenario:** | Creating a purchase order routinely every monday and thursday to stock up. | |
| **Triggering Event:** | Temporal trigger: Monday & Thursday | |
| **Related Use Case:** | * View approved PR list | |
| **Brief Description:** | Purchasing creates purchase order(s) based on the products in the approved purchase request and choose the vendor accordingly. Purchasing will fill a form to create purchase orders. | |
| **Actors:** | Purchasing | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | * There must be an approved purchase request | |
| **Postconditions:** | * Purchase order submitted | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing staff opens the purchase order list.  2. Purchasing staff user creates a purchase order  3. Purchasing staff enters and fills the purchase order.  4. Purchasing staff submits the purchase order. | 1.1 System opens purchase order list menu.  2.1 System opens create purchase order menu.  2.2 System closes purchase order list menu.  3.1 System saves purchase order form in menu.  4.1 System saves and sends purchase order form through email to vendor assigned.  4.2 System closes create purchase order menu.  4.3 System re-displays purchase order list menu. |
| **Except Conditions** | * Purchase request is rejected | |

| **Use Case Name:** | Manage purchase order | |
| --- | --- | --- |
| **Scenario:** | The purchasing staff wants to update, create or view the purchase orders from the purchasing order menu. | |
| **Triggering Event:** | A purchasing staff user opens the purchasing order list menu to view the purchase orders. | |
| **Related Use Case:** | Create purchase orders (2 use cases), view purchase orders. | |
| **Brief Description:** | The purchasing staff manages all purchase orders for the company through the purchase orders list menu in the system. Here they can create, delete and view any of the purchase orders as they all would be saved here. | |
| **Actors:** | Purchasing staff | |
| **Stakeholders:** | HoO, Kitchen staff | |
| **Preconditions:** | A purchasing staff user must open the purchase order menu from his/her menu bar. | |
| **Postconditions:** | A purchasing staff user opens another menu from his/her menu bar. | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing staff clicks on the purchase order menu from his/her menu bar.  2. Purchasing staff user either creates or views a purchase order based on his/her intentions.  3. Purchasing staff user goes to another menu or logs out of the system. | 1.1 System displays purchase order list menu.  2.1. System will open another menu depending on the user’s intentions.  2.2 System would close the purchase order list menu in response.  2.3 System will re-display purchase order list menu,.  3.1. System logs users out or displays another menu. |
| **Except Conditions** |  | |

| **Use Case Name:** | View purchase order | |
| --- | --- | --- |
| **Scenario:** | The purchasing staff views a purchase order from the list of purchase orders for inspection purposes. | |
| **Triggering Event:** | The purchasing staff user would open the view button for a select purchase order from the list menu. | |
| **Related Use Case:** | Manage purchase order, create purchase orders (2 use cases). | |
| **Brief Description:** | The purchasing staff would view the purchase order by pressing on the view button on a purchase order in the list menu. Normally, the purchasing staff would do this to inspect and check any purchase order based on the request of his superior or for other reasons. | |
| **Actors:** | Purchasing staff. | |
| **Stakeholders:** |  | |
| **Preconditions:** | The purchase order list menu must be called/open first. | |
| **Postconditions:** | The purchasing staff user clicks out of or exits the view purchase order menu. | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing staff opens the purchase order list menu.  2. Purchasing staff press the view button on a purchase order to view the order.  3. Purchasing staff closes the view menu. | 1.1 System displays the purchase order list menu.  2.1 System closes the purchase order list menu.  2.2 System opens the view menu of a purchase order.  3.1 System closes the view menu.  3.2 System re-displays the purchase order list menu. |
| **Except Conditions** |  | |

# Daily

| **Use Case Name:** | Daily operation | |
| --- | --- | --- |
| **Scenario:** | The outlet staff begins the daily operation after products arrive. | |
| **Triggering Event:** | Once the driver arrives and delivers the products to the outlet. | |
| **Related Use Case:** | Driver delivery tracking | |
| **Brief Description:** | After the driver delivers all the products to the outlets, the outlet staff will begin the daily operation. The outlet user logs into the system and enters the daily operation menu in his/her menu bar. The user would click the update button on his live location tracking menu to complete the delivery operation, thus showing the daily operation menu. The outlet staff user will press the “finish buttons” after completing each stage of the daily operation. | |
| **Actors:** | Outlet Staff | |
| **Stakeholders:** | - | |
| **Preconditions:** | The products must arrive at the outlet first before starting the daily operation. | |
| **Postconditions:** | The outlet staff user clicks out of the menu by going to another menu or logging out of the system. | |
| **Flow of Events:** | Actor | System |
| 1. The outlet staff updates the live location tracking to complete the delivery operation.  2. The outlet staff starts the daily operation.  3. The outlet staff progresses the daily operation by clicking on the “finish” buttons after completing each stage in the operation.  4. The outlet staff exits the menu by clicking another menu on his/her menubar. | 1.1 System displays the live location tracking menu.  1.2 System opens a pop-up window to update the status of the live location tracking.  2.1 The System completes the delivery operation and opens the daily operation menu.  3.1 System updates the menu after each activation of the “finish” buttons.  4.1 System closes the daily operation menu. |
| **Except Conditions** | The driver fails to deliver the products to the outlets. | |

| **Use Case Name:** | Daily production | |
| --- | --- | --- |
| **Scenario:** | The kitchen staff conducts and completes the daily production sequence everyday beginning at 06:00. | |
| **Triggering Event:** | Everyday at 06:00 (temporal event), the kitchen staff clicks on the start production button. | |
| **Related Use Case:** | Driver delivery tracking | |
| **Brief Description:** | Everyday at 06:00, a kitchen staff user logs into the system and enters the daily production menu to begin the daily production sequence. The user would click the start production button and would follow accordingly to complete the production sequence, constantly updating the sequence until it is complete. After the sequence is complete, the system will automatically notify the driver with a delivery request. | |
| **Actors:** | Kitchen staff. | |
| **Stakeholders:** | Driver. | |
| **Preconditions:** | The production sequence will begin everyday at 06:00. | |
| **Postconditions:** | The staff must update and complete all the production sequences to begin the next stage. | |
| **Flow of Events:** | Actor | System |
| 1. Kitchen staff log into the system at 06:00.  2. Kitchen staff starts the daily production sequence by pressing the start production button.  3. Kitchen staff users update the sequence by clicking the “finish” button on each stage when they have completed it.  4. After the production is complete, the kitchen staff finishes all the stages.  5. The kitchen staff can exit the menu after viewing the driver location. | 1.1 System displays the daily production menu.  2.1 System updates the daily production plan upon activation of the “start production” button.    3.1 System updates the daily production after each activation of the “finish” buttons.  4.1 System automatically sends delivery requests to the driver after the kitchen staff completes everything.  4.1 System calls live location tracking menu.  4.2 System opens a live location tracking menu if the user opens it.  4..2 System closes daily production menu as a response.  4.3 System re-display production plan menu after staff user is done viewing the location tracking.  5.1 System closes the daily production menu. |
| **Except Conditions** |  | |

# Purchasing Request

| **Use Case Name:** | View approved PR list | |
| --- | --- | --- |
| **Scenario:** | The head of operations can view the his/her approved purchase request list. The purchasing staff can view all the materials that have been approved in the purchase request. | |
| **Triggering Event:** | The head of operation and purchasing staff wishes to see the approved list. | |
| **Related Use Case:** | Create purchase request, | |
| **Brief Description:** | The head of operations will view the approved purchase request list after approving or rejecting the purchase requests. The purchasing staff also has access to the approved pr list as well. | |
| **Actors:** | Purchasing, Head of Operation | |
| **Stakeholders:** | - | |
| **Preconditions:** | The HoO must open the approved pr material list from the purchase request list menu. The purchasing staff as well. | |
| **Postconditions:** | The HoO and purchasing staff can exit the menu by gong to another menu. | |
| **Flow of Events:** | Actor | System |
| 1. The HoO can view the menu by clicking to it from the purchase request list menu.  2. The purchasing staff views it from his/her purchase request list menu. | 1.1 The system displays the approved pr list menu. |
| **Except Conditions** |  | |

| **Use Case Name:** | Create purchase request | |
| --- | --- | --- |
| **Scenario:** | The outlet staff creates a purchase request to the Head of Operations after receiving a bulk order from a customer. | |
| **Triggering Event:** | The outlet staff wants to create a purchase request by clicking the create button in the purchase request list menu. | |
| **Related Use Case:** | Manage purchase request | |
| **Brief Description:** | After receiving a bulk order from a customer either from the company’s whatsapp or phone number, the outlet staff would log on to the system. After logging into the system, the outlet staff will head to the purchase request list menu and press the create button. The outlet staff would then fill in the purchase request form and submit the form which the HoO will receive through notification. | |
| **Actors:** | Outlet staff | |
| **Stakeholders:** | Head of Operations | |
| **Preconditions:** | The purchase request list menu must be opened first. | |
| **Postconditions:** | The outlet staff will have to press either submit or cancel to close the menu. | |
| **Flow of Events:** | Actor | System |
| 1. Outlet staff user opens the purchase request list menu.  2. Outlet staff creates the purchase request.  3. Outlet staff submits the purchase request | 1.1 System displays the purchase request list menu.  2.1 System opens the create purchase request menu.  2.2 System updates the purchase request.  2.3 System saves the created purchase request.  3.1 System submits the purchase request to HoO.  3.2 System closes the create purchase request menu.  3.3 System re-displays the purchase request list menu. |
| **Except Conditions** | The outlet staff does not receive any bulk orders. | |

| **Use Case Name:** | Manage purchase request | |
| --- | --- | --- |
| **Scenario:** | A purchasing staff user opens the purchasing order list menu to view the purchase orders. | |
| **Triggering Event:** | An outlet staff user submits a purchase request. | |
| **Related Use Case:** | Create Purchase request, create purchase order. | |
| **Brief Description:** | The HoO receives all purchase requests for the company through the purchase request list menu in the system. Here they can create purchase orders, view any of the purchase requests to approve or reject. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Outlet Staff | |
| **Preconditions:** | Outlet staff submits a purchase request. | |
| **Postconditions:** | HoO clicks another menu or logs out of the system. | |
| **Flow of Events:** | Actor | System |
| 1. HoO opens the purchase request list menu.  2. HoO views one of the purchase requests  3. HoO approves or rejects the following purchase request.  4. HoO closes the menu by going to another menu or logging out of the system. | 1.1 System displays the purchase request list menu.  2.1 System closes the purchase request list menu.  2.2 System opens the view purchase request menu in response.  2.3 System updates the purchase request by approved or rejected.  2.4 System sends notification to outlet staff of approved or rejected status.  2.5 System closes the view purchase request menu and re-displays the purchase request list menu.  4.1 System closes the menu by opening another or by logging the user out. |
| **Except Conditions** | The outlet staff does not submit any purchase request. | |

# Production

| **Use Case Name:** | Production Planning | |
| --- | --- | --- |
| **Scenario:** | The HoO plans and changes the production plan for the kitchen and outlet staff for the month. | |
| **Triggering Event:** | The 1st date of every month (temporal event), the HoO will conduct the production planning for that month. | |
| **Related Use Case:** | Daily production, daily operation | |
| **Brief Description:** | The HoO opens a production planning menu to update any changes to a product’s make to stock quantity and baking quantities of products to name a few. After making any input to the production plan, the HoO would confirm and save the new production plan for that month then it would update the daily production menu for the kitchen staff. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Kitchen staff | |
| **Preconditions:** | The HoO opens the production plan menu on the first day of every month. | |
| **Postconditions:** | The HoO completes the production plan and clicks on any other menu on his/her menu bar to exit. | |
| **Flow of Events:** | Actor | System |
| 1. The HoO logs into the system and enters the production plan on the first day of every month.  2. The HoO makes changes to the production plan.  3. The HoO confirms and completes the production plan.  4. The HoO exits the menu by going to another menu or logging out of the system. | 1.1 System opens and displays the production plan menu  2.1 System updates any of the inputs in the production plan based on the HoO.  3.1 System saves the production plan and updates the kitchen staff’s daily production menu.  4.1 System closes the production plan menu. |
| **Except Conditions** | - | |

# Bill of Material

| **Use Case Name:** | View BOM | |
| --- | --- | --- |
| **Scenario:** | The HoO views the bill of material of a product when conducting the production planning. | |
| **Triggering Event:** | During production planning, when the HoO wishes to view the bill of material by clicking on the view button on one of the products. | |
| **Related Use Case:** | - | |
| **Brief Description:** | To view the bill of material of a product, it is available in the production planning menu for the head of operations. The HoO would click on the view button of a product if he wishes to view the bill of material on the product. | |
| **Actors:** | Head of Operation | |
| **Stakeholders:** | Purchasing | |
| **Preconditions:** | The production planning menu must be open first. | |
| **Postconditions:** | The head of operation can click out of the view bill of the material menu. | |
| **Flow of Events:** | Actor | System |
| 1. The HoO opens the production plan menu.  2. The HoO views the bill of material of a select product.  3. The HoO exits from the view menu. | 1.1 The system displays the production planning menu.  2.1 The system opens a pop-up window of the bill of material menu of a selected product.  3.1 The system closes the pop-up window and re-displays the production planning menu. |
| **Except Conditions** | The HoO does not wish to view the bill of material. | |

# Order

| **Use Case Name:** | View Order History | |
| --- | --- | --- |
| **Scenario:** | The HoO views the history of all orders from customers in the outlets, to shopee, gojek and more. | |
| **Triggering Event:** | The HoO simply clicks on the order history menu in the menu bar. | |
| **Related Use Case:** | - | |
| **Brief Description:** | The Head of Operations can view the history of all of the orders made to the company in his or her menubar. It contains orders from walk-in outlets, to shopee and gojek and more. | |
| **Actors:** | Head of Operations | |
| **Stakeholders:** |  | |
| **Preconditions:** | The HoO must press the order history menu in his/her menubar. | |
| **Postconditions:** | The HoO can exit this menu by going to another menu. | |
| **Flow of Events:** | Actor | System |
| 1. The HoO enters the order history list menu.  2.The HoO selects on of the orders and views its details. | 1.1 System displays order history menu.  2.1 System opens view order history menu. |
| **Except Conditions** | - | |

# Vendor

| **Use Case Name:** | Edit Vendor Details | |
| --- | --- | --- |
| **Scenario:** | The purchasing staff wishes to edit the information detail of a vendor to keep accuracy. | |
| **Triggering Event:** | A purchasing staff user opens the edit vendor button in the vendor list menu. | |
| **Related Use Case:** | Purchase order | |
| **Brief Description:** | A purchasing staff user wishes to edit the details of a recorded vendor in the system due to changes of new information either provided by the vendor or from other sources. The staff would have to edit the details from the vendor list menu. | |
| **Actors:** | Purchasing staff | |
| **Stakeholders:** | Head of Operations | |
| **Preconditions:** | The vendor list menu must be open. | |
| **Postconditions:** | The purchasing staff closes the menu after updating the vendor’s details. | |
| **Flow of Events:** | Actor | System |
| 1. Purchasing staff opens the vendor list menu.  2. Purchasing staff opens the menu to edit a vendor’s details.  3. User finishes editing the details and saves. | 1.1 The system displays the vendor list menu.  2.1 The system opens a pop-up window to edit the vendor’s details.  3.1 The system inputs changes made by the user.  3.2 The system updates all changes done by the user.  3.3 The system closes the pop-up window and re-displays the vendor list menu.  4.1 example. Example. |
| **Except Conditions** | There is no need to edit the vendor’s details. | |