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| **Usecase: View Product Storage**  **ID: 1**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Chef Staff** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Chef Staff * Customer |
| **Brief Description:** | * Allows the cheff staffs and restaurant manager staffs to be able to view the total products which include available and unavailable products |
| **Pre-Condition** | * The user must be a chef staff or a manager staff * They must have an active account * They must be login the system. |
| **Trigger:** | * The chef staff or manager staff need to click on the View Product Storage button |
| **Relationships:** | * Extend: View Product Storage 🡪Manage Menu |
| **Flow of Events:** | * The staff member must be a chef staff or a manager roles to be able to view this. * They login to the system * They access the function manage menu * They click View Product Storage * A list of product will be displayed |
| **Subflows:** | * The staff member must be a chef staff. * They login to the system * They click View Product Storage * A list of product will be displayed |
| **Alternative/Exceptional Flows:** | * The staff member must be a chef staff or a manager roles to be able to view this. * They login to the system * They access the function manage menu * They click View Product Storage * The page dispplays a warning if there are no products available |

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| **Usecase: Change Product Status**  **ID: 2**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Chef Staff** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Chef Staff * Customer |
| **Brief Description:** | * This usecase allows the ability to chagne the status of the product |
| **Pre-Condition** | * The user must be a chef staff or a manager staff * They must have an active account * They must be login the system. |
| **Trigger:** | * The chef staff or manager staff need to click on the switch status button |
| **Relationships:** | * Extend: Change Product Status 🡪 Manage Menu |
| **Flow of Events:** | * The staff member must be a chef staff or a manager roles to be able to view this function. * They login to the system * They access the function manage menu * They click Change Product Status * Return a success message with the product ID and the status change |
| **Subflows:** | * The staff member must be a chef staff. * They login to the system * They click Change Product Status * Return a success message with the product ID and the status change |
| **Alternative/Exceptional Flows:** | * The staff member must be a chef staff or a manager roles to be able to view this. * They login to the system * They access the function manage menu * They click Change Product Status * The page dispplays a warning if there are no products available or the status changed is invalid (does not match the 2 valid values of true or false) |

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| **Usecase: Manage Menu**  **ID: 3**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Chef Staff** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Chef Staff * Customer |
| **Brief Description:** | * This usecase allows the ability to manage the menu |
| **Pre-Condition** | * The user must be a chef staff or a manager staff * They must have an active account * They must be login the system. |
| **Trigger:** | * The chef staff or manager staff need to click on the manage menu button |
| **Relationships:** | * Association with actor Chef * Extend: Manage Menu 🡨View Product Storage * Extend: Manage Menu 🡨 Change Product Status |
| **Flow of Events:** | * The staff member must be a chef staff or a manager roles to be able to view this function. * They login to the system * They access the function manage menu * Return a list of products with the ability to view, delete and update |
| **Subflows:** | * The staff member must be a chef staff. * They login to the system * They click Menu Manager to access the Manage Menu * They can access the switch status and view product list from Manage Menu |
| **Alternative/Exceptional Flows:** | * The staff member must be a chef staff or a manager roles to be able to view this. * They login to the system * They access the function manage menu * They click Manage Menu * The page dispplays a warning if there are no products available |

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| **Usecase: View Order (View Orders History)**  **ID: 4**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Chef Staff** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Chef Staff * Customer |
| **Brief Description:** | * This usecase allows the ability to biew order (for chef) and order history (for restaurant manager) |
| **Pre-Condition** | * The user must be a chef staff or a manager staff * They must have an active account * They must be login the system. |
| **Trigger:** | * For chef, this is their main display, when they login, a list of order will be displayed * For manager, this is hidden behind a button “View Order History” |
| **Relationships:** | * Association with actor Chef * Include: View Order 🡪 Place Order |
| **Flow of Events:** | * The staff member must be a chef staff or a manager roles to be able to view this function. * They login to the system * They access View Order * Return a list of orders with information and status |
| **Subflows:** | * The staff member must be a chef staff. * They login to the system * The restaurant manager click the “View Order History” button * Return a list of orders with information and status |
| **Alternative/Exceptional Flows:** | * The staff member must be a chef staff or a manager roles to be able to view this. * They login to the system * They access the function manage menu * The page will return empty if there are no order left |

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| **Usecase: Manage Order Progress**  **ID: 5**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Chef Staff** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Chef Staff * Customer |
| **Brief Description:** | * This usecase allows the ability to manage order progress, the chef is allowed to toggle the status of the order which include waiting, preparing, success and cancel * The logical orders of theses status are waiting 🡪preparing 🡪success and waiting 🡪 cancel and preparing 🡪 cancel *(this function does not allow backward progress)* |
| **Pre-Condition** | * The user must be a chef staff or a manager staff * They must have an active account * They must be login the system. |
| **Trigger:** | * For chef, this is their main display, when they login, a list of order will be displayed * For manager, this is hidden behind a button “View Order History” |
| **Relationships:** | * Association with actor Chef * Include: Manage Order Progress 🡪 Place Order |
| **Flow of Events:** | * The staff member must be a chef staff * They login to the system * Return a list of orders with information and status |
| **Subflows:** | * In the Orders page * The chef can switch status of an order by toggle the button next to each order |
| **Alternative/Exceptional Flows:** | * The staff member must be a restaurant manager roles to be able to view this. * They login to the system * They click Manage Order Progress button * A list of orders history will be displayed |

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| **Usecase: Create Bill**  **ID: 6**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Waiter** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Waiter * Restaurant Manager Staff * Customer |
| **Brief Description:** | * Allows the waiter to create a bill that is tied to the table that is currently accepting orders made by the customers |
| **Pre-Condition** | * The user must be a waiter staff or a manager staff * They must have an active account. * They must be login the system. * They must enter their ID when they create the bill *(the employee’s ID will be checked upon enter)* |
| **Trigger:** | * The bill will be created and bounded automatically after the employee has open that table. |
| **Relationships:** | * Association with actor Waiter * Include: Create Bill 🡪 Open Table * Include: Create Bill 🡨 Finish Bill |
| **Flow of Events:** | * The staff waiter login the system, they take one device (tablet) with them to the table * The waiter selects the table to open * The waiter enter their employee ID * The bill will be created automatically and cannot be closed until the customer has completed (pay) the bill |
| **Subflows:** |  |
| **Alternative/Exceptional Flows:** |  |

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| **Usecase: Open Table**  **ID: 7**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Waiter** * Restaurant Manager Staff |
| **Stakeholders and Interest:** | * Waiter * Restaurant Manager Staff * Customer |
| **Brief Description:** | * Allows the waiter to open a table |
| **Pre-Condition** | * The user must be a waiter staff or a manager staff * They must have an active account. * They must be login the system. * They must enter their ID when they open the table *(the employee’s ID will be checked upon enter)* |
| **Trigger:** | * The table is selected by the waiter and be switched status |
| **Relationships:** | * Include: Open Table 🡨 Create Bill |
| **Flow of Events:** | * The staff waiter login the system, they take one device (tablet) with them to the table * The waiter selects the table to open * The waiter enter their employee ID * The bill will be created automatically and cannot be closed until the customer has completed (pay) the bill |
| **Subflows:** |  |
| **Alternative/Exceptional Flows:** |  |

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| **Usecase: Print Bill**  **ID: 8**  **Importance Level:** | |
| **Primary Actor: Secondary Actor:** | * **Restaurant Manager Staff** |
| **Stakeholders and Interest:** | * Customer |
| **Brief Description:** | * Allows the ability to print a bill of any currently opening table by the Restaurant Manager staffs |
| **Pre-Condition** | * The user must be a manager staff * They must have an active account. * They must be login the system * The bill must be completed |
| **Trigger:** | * Restaurant Manager staff select the print icon next to the selected bill |
| **Relationships:** | * Association with actor Manager * Include: Print Bill 🡪 Finish Bill |
| **Flow of Events:** | * The restaurant manager login the system, they view the list of all occupied table and completed bill * The restaurant select a bill that is completed * The waiter click the print button for the bill * The information of the bill will be retrieved, display and printed on a piece of paper to the customer |
| **Subflows:** | * When restaurant manager click the print button, the system will ask them to check for the information and confirm to print the bill |
| **Alternative/Exceptional Flows:** | * The restaurant manager login the system, they view the list of all occupied table and completed bill * The restaurant select a bill that is incompleted * The waiter can not click the print button for the bill and display a warning error |

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| **Usecase: Summerize Revenue**  **ID: 9** | |
| **Primary Actor:** | * **Restaurant Manager Staff** |
| **Stakeholders and Interest:** | * Customer * Restaurant Manager Staff |
| **Brief Description:** | * Allows restaurant manager to have a report of the revenue seasonly |
| **Pre-Condition** | * The user must be a manager staff * They must have an active account. * They must be login the system |
| **Trigger:** | * Restaurant Manager staff select the View Revenue button |
| **Relationships:** | * Associatio with actor Manager |
| **Flow of Events:** | * The restaurant manager login the system * The manager access the manager employee dashboard * The manager click the view revenue button * The page displays the revenue based on the current season (they can select the previous season) |
| **Subflows:** | * The manager select previous season (select the name of each season like Sptring, Fall, Summer and Winter) and previous years to view the revenue |
| **Alternative/Exceptional Flows:** |  |