Use Case Document

Online Food Ordering Application

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**Introduction**

The Use Case Document is a business document which provides a story of how a system, and its actors, will be utilized to achieve a specific goal. An effective Use Case should provide a detailed step-by-step description of how the system will be used by its actors to achieve the planned outcome.

Admin can add, view, Update the order details. By adding the user’s order by admin, Kitchen staff can accept and decline the user’s order.

Users can order food conveniently through the internet. Users need to login/signup before ordering the food. Users can place orders by clicking on the online menu that has been set up by the application. Additionally, you can quickly keep track of orders and enhance your meals by using an online food menu. The user of this system can choose the desired foods from the displayed menu.

The application will accept the Order details from the User and the​ Admin will add/view/update the Order details.​The Kitchen staff is able to see the order assigned to them, update the order status. We also provide different payment methods as pay on delivery, UPI, cards. Additionally, we also provide payments using crypto currencies as the modern world need to have modern payment methods.

**Sample Use Case**

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| **Name of Use Case:** | Create account | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | This use case describes the process of creating account  in the Online Food Ordering Application | | |
| **Actors:** | | User, Admin, Restaurant | | |
| **Preconditions:** | | User, Admin, Restaurants should have a valid email id. | | |
| **Postconditions:** | | The actors is successfully registered into the application | | |
| **Flow:** | | 1. The Actors opens the Online Food Ordering application. 2. The application presents a registration form. 3. The Actors enters the required registration details, such as name, email, password, and contact information. 4. The Actors submits the registration form. 5. The application validates the form inputs and creates a new account for the Actors. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | 1. If the form inputs are invalid or incomplete (Step 5), the application displays error messages and prompts the User to correct the information 2. If there is an error during the registration process (e.g., duplicate email, connectivity issues, system errors), the application displays an error message and allows the User to retry the registration. | | |

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| **Name of Use Case:** | Add Order Details | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | This use case describes the process of adding order details to the system. | | |
| **Actors:** | | Admin | | |
| **Preconditions:** | | The admin has a registered account with valid credentials. | | |
| **Postconditions:** | | The new order is successfully added to the system. | | |
| **Flow:** | | 1. The admin opens the Online Food Ordering Application. 2. The application presents a list of food items. 3. The admin accepts the order and assigns it to the Kitchen Staff. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | * If the food items are not available the status will be shown unavailable, so the user cannot order that food item. | | |

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| **Name of Use Case:** | View order Details | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | This use case describes the process of viewing the order details. | | |
| **Actors:** | | Admin | | |
| **Preconditions:** | | Admin is logged into the application with valid credentials. | | |
| **Postconditions:** | | The admin views the details of the selected items. | | |
| **Flow:** | | 1.The admin open the application.  2. Then go to view order details.  3. From the order details, admin search for the specific food item using item id.  4.The application presents details of the food item. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | * If the kitchen staff shows the food item is not available then admin can remove it and show the status as unavailable. | | |

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| **Name of Use Case:** | Update Order Details | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
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| **Description:** | | This process describes that the admin update the details a specific item. | | |
| **Actors:** | | Admin | | |
| **Preconditions:** | | The admin is logged into the application with valid credentials. | | |
| **Postconditions:** | | The item details are successfully updated. | | |
| **Flow:** | | 1. The admin can view order details. 2. Then admin can update the status whether order placed/received or not. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | * If the admin enters a invalid item id then it will a alert. * If the admin login without valid credentials he cannot update order details. | | |

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| **Name of Use Case:** | Place Order | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | Process of placing an order. | | |
| **Actors:** | | User | | |
| **Preconditions:** | | Food item should be available. | | |
| **Postconditions:** | | Order placed successfully. | | |
| **Flow:** | | 1. The application presents a list of food items. 2. The user selects food items from the list. 3. If the food item is available, the user can place order. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | * If the food item is not available, the user cannot place order. | | |

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| **Name of Use Case:** | View Assigned Order | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
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| **Description:** | | The kitchen staff will able to view the list of orders assigned to them. | | |
| **Actors:** | | Kitchen Staff | | |
| **Preconditions:** | | The kitchen staff is login into the application with appropriate details. | | |
| **Postconditions:** | | The kitchen staff views the assigned orders. | | |
| **Flow:** | | 1. The kitchen staff selects "View Assigned Orders" from their dashboard. 2. The system will display a list of orders assigned to the kitchen staff. 3. The kitchen staff can search for a specific order by order ID, customer name, or any other relevant criteria. 4. The system presents relevant details of each order, including order ID, order status, and order items. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | 1.Invalid order Id   * Kitchen staff enter invalid order id for searching an order details. * System will show error message. | | |

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| **Name of Use Case:** | Update Order Status | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | The kitchen staff will able to update the status of an assigned order. | | |
| **Actors:** | | Kitchen Staff | | |
| **Preconditions:** | | The kitchen staff is login into the application with appropriate details. | | |
| **Postconditions:** | | The order status is successfully updated. | | |
| **Flow:** | | 1. The kitchen staff selects "Update Order Status" from their dashboard. 2. The system will display a list of orders assigned to the kitchen staff. 3. The kitchen staff can search for a specific order by order ID, customer name, or any other relevant criteria. 4. The system presents relevant details of each order, including order ID, order status, and order items. 5. The kitchen staff selects an order to update its status. 6. The kitchen staff updates the order status based on the progress, such as "preparing," "cooked," or "cancelled." | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | 1.Invalid order Id   * Kitchen staff enter invalid order id for searching an order details. * System will show error message. | | |

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| **Name of Use Case:** | Search orders | | | |
| **Created By:** | ABC Corporation | | **Last Updated By:** | J. Doe |
| **Date Created:** | 2/15/xx | | **Last Revision Date:** | 2/22/xx |
|  | |  | | |
| **Description:** | | The kitchen staff will able to search for specific orders. | | |
| **Actors:** | | Kitchen Staff | | |
| **Preconditions:** | | The kitchen staff is login into the application with appropriate details. | | |
| **Postconditions:** | | The Kitchen staff receives the result of order search. | | |
| **Flow:** | | 1. The kitchen staff selects "Search Orders" from their dashboard. 2. The system presents a form allowing the staff to search order ID, customer name, or other details of a specific customer. 3. The kitchen staff enters the search criteria and submits the search request. 4. The kitchen staff views the search results such as order ID, customer name, order status, and order items. | | |
| **Alternative Flows:** | | None | | |
| **Exceptions:** | | 1.No Search Result   * Search criteria do not match any orders in the system. * The system displays a message indicating that no results were found. | | |