Understanding Document

For

**Cargo Management System**

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| Prepared by/Modified by | Role | Date of preparation |
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1. **Description:**

* Cargo Management System is a comprehensive cargo management module, designed for addressing the areas of General cargo, Bulk cargo operations through Aviation. All the aspects of cargo like order handling and movement are addressed in this module.
* We will be implementing features such as order, cancel, update, display and search of the orders placed by the customers.

This Project provides facility to manage and maintain Customer order information by Employee.

* 1. **Functionalities**:
* New Order Booking.
* Search Orders
* View Orders
* Update Order
* Cancel Order
  1. **Logic**
* The Customer Order details stored in a file is taken as the input and the details are validated. If valid, the details are stored. If invalid, the details are rejected.
* Proper validation has to be done.

1. **Order details considered:**

* OrderId
* ProductId
* Quantity
* OrderWeight
* TotalAmount
* Source
* Destination
* DestinationAddress
* FlightNo
* Status Information
* OrderDate
* DeliveryDate

1. **Functionalities:**

* New Order Booking.

This functionality will allow the users to enter the details of new order of customer and store it directly. In the new booking page, the employee can enter the customer order details. These entered details are validated. If found valid, then the information is directly stored. If invalidated, then proper error messages are displayed. After the customer order details are added successfully, his/her order details will be displayed in the view orders page.

* Search Order

This functionality will allow the employee to search for customer order details. The corresponding customer order details will be displayed. The employee can view details of a particular order of customer by clicking on their orderId.

* Order details display.

This functionality will display the details of a particular Orders of a customer. After the customer order is added successfully, his /her details will be displayed in the view orders page. The Employee can edit that Order details by clicking on the Update order button in this page.

* Update Order details

This functionality allows to modify the Customer order details. When a user clicks update order button in the Main page, he will be redirected to the update order page, where he/she can modify that customer order details. The modified details are again validated. If found valid, then the details are updated with the modified values. If any field is invalid, then proper messages are displayed.

* Cancel Order.

This functionality will cancel particular Orders of a customer. After the customer order is cancelled successfully.