**Assignment 4**

**2.Use case diagrams for:**

1. **customer**

Customer can login, check the products if they are available or not, he can search for product if he wants and then logout.

Diagram

Description automatically generated

1. **Customer-Database**: Customer can create their profile by logging in and they can select the product and they can add to cart, then make the payment for the selected products.

Diagram

Description automatically generated

1. **Admin:** Admin can login and select the items from the menu , He can process the orders and also he can update the prices and the number of products if wanted.

Diagram

Description automatically generated

1. **Admin-Database:** Admin can login and finds the menu , He can also have the search option which he can search a particular item

Diagram

Description automatically generated

**3.Activity diagrams for**

**1)Customer Registration**

**Diagram

Description automatically generated**

**2)Customer Order Placement:**

**Diagram

Description automatically generated**

**3)Admin CRUD operations:**

**Diagram

Description automatically generated**

**4.Use case description**

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| --- |
| **Use case Name**: Customer Adds product to the cart |
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| **ID**: 1 |
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| **Primary Actor**: Customer |
| **Use case type**: Detail, Essential |
| **Stakeholders and interests**: Customer want to select the products from the menu product category. |
| **Brief description**: This use case describes how the customer is adding products into his cart. He can add one or more products to the cart. |
| **Trigger**: Customer search the product and then he adds product to his cart. |
| **Relationships:** |
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| Association: Customer, Cart, Database |
| Include: - |
| Extend: - |
| Generalization: - |
|  |
| **Normal flow of events:** |
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| 1. Customer login to the website. |
| 1. Customer views the product from the product category or from the home page. |
| 1. Customer selects the product and add into the cart. |
| **Sub flows:** |
| With poor internet it may not be possible to access the application and add items to the cart. |
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