**Daisy perfume shop**

**Group:**

**Dana**

**&**

**Mohammad**

[**1. Introduction** 4](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472594)

[1.1 Purpose 4](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472595)

[1.2 Scope 4](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472596)

[1.3 Assumptions 4](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472597)

1.4 Requirements ……………………………………………………………………4

[**2. Use Cases** 6](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472600)

[2.1.1 Use Case Diagrams 6](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472601)

[2.2.1 Use Case Templates 9](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472602)

[**3. Sequence Diagrams** 11](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472603)

[3.1.1 Login (Final) 11](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472604)

[3.2.1 Get status (Final) 13](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472605)

[3.2.2 Get Status Login Denied 14](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472606)

[3.3.1 Set Status(Final) 15](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472607)

[3.4.1 Add Appliance 16](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472608)

[3.5.1 Remove Appliance 18](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472609)

[3.6.1 Register Wireless (Final) 19](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472610)

[3.7.1 Alert System 21](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472611)

[3.8.1 Create System State 22](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472612)

[3.9.1 Delete System State 23](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472613)

[3.10.1 Add To System State 24](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472614)

[3.11.1 Remove from System State 25](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472615)

[3.12.1 Set System State 26](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472616)

[3.13.1 View System State 27](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472617)

[**4. CRC Cards** 29](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472618)

[4.1.1 Appliance 29](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472619)

[4.2.1 Oven 30](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472620)

[4.3.1 Garage Door 31](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472621)

[4.4.1 Light 32](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472622)

[4.5.1 Alert Controller 33](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472623)

[**5. Class Diagrams** 34](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472624)

[5.1.1 HACS System 34](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472625)

[5.1.2 HACS System Revised 35](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472626)

[**6. HACS state chart** 36](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472627)

[6.1.1 State Chart: Overall 36](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472628)

[6.2.1 State Chart: Login (Validation) 37](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472629)

[6.3.1 State Chart: Get Status 38](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472630)

[6.4.1 State Chart: Set Status 39](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472631)

[6.5.1 State Chart: Register Wireless 40](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472632)

[6.6.1 State Chart: Add Appliance 41](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472633)

[6.7.1 State Chart: Delete Appliance 42](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472634)

[6.8.1 State Chart: Remove Wireless State Chart 43](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472635)

[**7. Activity Diagrams** 44](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472636)

[7.1.1 Activity diagram: Overall 44](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472637)

[7.2.1 Activity diagram: Login 45](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472638)

[7.3.1 Activity diagram: GetStatus 46](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472639)

[7.4.1 Activity diagram: SetStatus 47](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472640)

[7.5.1 Activity diagram: Add appliance 48](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472641)

[7.6.1 Activity diagram: Remove appliance 49](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472642)

[7.7.1 Activity diagram: Register wireless 50](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472643)

[**8.** **Deployment Diagram** 51](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472644)

* + 1. [HACS Deployment Diagram: Overall 51](file:///C:\Users\LapTop\Downloads\project%20sample1%20(2).doc#_Toc152472645)

**1.Introduction:**

WE met on Wednesday nov 10 and we decided to do this online project which is a perfume store and the users who deal with the program are the clerks and customers.

**1.1Purpose:**

The purpose of this program is to make it easier for customers to purchase and make it easier for a clerk with the possibility of adding items or modifying the order .

In carrying out our analysis and design for this store we have attempted to use most of the seven (7) kinds of UML diagrams such as Use Case Diagrams, Sequence, Class Diagrams, State Chart Diagrams, Activity Diagrams and Deployment Diagrams.

**1.2 scope:**

1.The program we made should save the list items in the store allowing the clerk or customer to choose some items and calculate it's prices.

2. The program should have the capability of adding a new item, deleting, and modifying the item price.

3. problem needs the customer to choose their items and the respective quantities to get the final price of all the selected items and the owner of the store can add item, delete item or change the price of any item in the store.

**1.3 Requirements:**

1. the user shall be able to login .

2.the user shall be able to registers.

3.the user shall be able to choose item what he want.

4.the user must add the item who choose to the cart.

5.the owner can add or delete items and change price .