COMS3002 - Software Engineering
Use Case Realisation

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Contents

1 Introduction

This section will contain a list of all the use cases identified using the user stories defined earlier in the sprint. The list of use cases below will be divided into three categories, namely:

- **Vital**: use cases that are vital to the system to function.

- **Complementary**: use cases that support and enhance the system but are not very vital to the system's operation.

- **Fluff**: use cases that enhance the system and improving the user experience.

2 Customer

The following is a list of all use cases that are related to the customer. That is, the use cases that the customer will interact with.

2.1 Vital

i **Customer Account**

- Create Account (CT-A01)
- View Account Details (CT-A02)
- Update Account Details (CT-A03)
- Delete Account (CT-A04)

ii **Customer Preferance List**

- Create Home Preference List (CT-B01)
- View Home Prefenrence List (CT-B02)
- Update Home Prefenrence List (CT-B03)
- Delete Home Prefenrence List (CT-B04)

iii **Customer Home Suggestions**

- View Suggested Homes (CT-C01)
- Delete Suggested Home (CT-C02)

iv **Customer Home Viewings**

- Create Viewing Time (CT-D01)
- View Viewing Time (CT-D02)
- Update Viewing Time (CT-D03)
- Delete Viewing Time (CT-D04)

2.2 Complementary

i Customer Preference Comment

- Create Prefence Comment (CT-E01)
- View Prefence Comment (CT-E02)
- Update Prefence Comment (CT-E03)
- Delete Prefence Comment (CT-E04)

ii Home Availability/Status

- Create (Add) Available Homes (CT-F01)
- View Home Availability (CT-F02)
- Delete Unavailable Homes (CT-F03)

iii Customer-REBroker Chat

- Create Chat (CT-J01)
- View Chat (CT-J02)
- Update Chat (CT-J03)
- Delete Chat (CT-J04)

2.3 Fluff

i Customer Search Histomer

- Create Search History (CT-G01)
- View Search History (CT-G02)
- Update Search History (CT-G03)
- Delete Search History (CT-G04)

ii Customer Bond Calculation

- Create Bond Calculation (CT-H01)

- View Bond Calculation (CT-H02)
- Update Bond Calculation (CT-H03)
- Delete Bond Calculation (CT-H04)

iii **Home Search Advice**

- View Home Search Advice (CT-I01)

3 REBroker

The following is a list of all use cases that are related to the REBroker. That is, the use cases that the Real Estate Broker will interact with.

3.1 Vital

i **REBroker Account**

- Create Account (REB-A01)
- View Account Details (REB-A02)
- Update Account Dtails (REB-A03)
- Delete Account (REB-A04)

ii **Client List**

- View Client List (REB-B01)
- Delete Client (REB-B02)

iii **Client Home List**

- View Client Home Matches (REB-C01)
- Update Client Home Matches (REB-C02)

iv **Property Status**

- View Home Status (REB-D01)
- Update Home Status (REB-D02)

v **Viewing Time**

- Create Viewing Time (REB-E01)
- View Viewing Time (REB-E02)
- Update Viewing Time (REB-E03)
- Delete Viewing Time (REB-E04)

3.2 Complementary

i Home Management

- Create Home (REB-F01)
- View Home Details (REB-F02)
- Update Home Details (REB-F03)
- Delete Home (REB-F04)

ii Client Preference Comment

- View Client Prefeence Comment (REB-G01)

iii Client-REBroker Chat

- Create Chat (REB-H01)
- View Chat Messages (REB-H01)
- Update Chat Messages (REB-H01)
- Delete Chat (REB-H01)

3.3 Fluff

i Client Preference Importance

- View Client Prefence Importance (REB-I01)
- Update Client Prefence Importance (REB-I02)

4 REManager

The following is a list of all use cases that are related to the REManager.
That is, the use cases that the Real Estate Manager will interact with.

4.1 Vital

i REManager Account

- Create REManager Account (REM-A01)
- View REManager Account Details (REM-A02)
- Update REManager Account Details (REM-A03)
- Delete REManager Account (REM-A04)

ii **Application Management**

- View Application (REM-B01)
- Update Application status (REM-B02)

iii **Employee Management**

- Create Employee (REM-C01)
- View Employee Details (REM-C02)
- Update Employee Details (REM-C03)
- Delete Employee (REM-C04)

iv **Transaction Management**

- Create (Record) Transaction (REM-D01)
- Veiw Transactions (REM-D02)
- Update Transactions (REM-D03)
- Delete Transaction (REM-D04)

v **Finantial Statement**

- Create Financial Statement (REM-E01)
- View Financial Statement (REM-E01)
- Delete Financial Statement (REM-E01)

4.2 Complementary

i **inventory Management**

- Create Inventory Item (REM-F01)
- View Inventory (REM-F02)
- Update Inventory (REM-F03)
- Delete Inventory Item (REM-F04)

ii **Budget Management**

- Create Budget (REM-G01)
- View Budget (REM-G02)
- Update Budget (REM-G03)
- Delete Budget (REM-G04)

iii **Homes Sold**

- View Sold Homes (REM-H01)

4.3 Fluff

  i **Statistic Reports**

- Create Report (REM-I01)
- View Report (REM-I02)
- Update/Modify Report (REM-I03)
- Delete Report (REM-I04)

 ii **Report Graphs**

- Create Graph (REM-J01)
- View Graph (REM-J01)
- Update/Modify Graph (REM-J01)
- Delete Graph (REM-J01)

iii **Budger History**

- View Past Bugdets
- Restore Budget

5 Conclutions

The use cases listen above can be be directly translated as the systems functionality. They have also been categorised into different categories so as to identify which use cases are more important than others. This will prove usefull if there is a limited amount of time to create the system and allow the development team to focus on what is more important first.