IT2020 – Software Engineering

**Year 2, Semester I, 2024 Group Assignment**

**<<Online Hotel Reservation System >>**

**Group Details**

**Campus: Kandy**

**SE/OOP Group Number: SE/OOP/2024/S2/KND/WD/G8**

|  |  |  |
| --- | --- | --- |
|  | **Student Registration Number** | **Student Name** |
| **1** | **IT23187078** | **M.A AMAN MOHAMED** |
| **2** | **IT22276278** | **T. D. P. Randeniya** |
| **3** | **IT22278012** | **T. T. Thilakerathne** |
| **4** | **IT22548146** | **R. J. M. P. M. Bandara** |

[INTRODUCTION 3](#_bookmark0)

[Common Use Case Diagram 4](#_bookmark1)

[IT23187078 – M.A Aman Mohamed 5](#_bookmark2)

[Use Case Scenario 5](#_bookmark3)

[Sequence Diagram 6](#_bookmark4)

[Communication Diagram 7](#_bookmark5)

[IT22276278 – T. D. P. Randeniya 8](#_bookmark6)

[Use Case Scenario 8](#_bookmark7)

[Registered User login SD (reference) 9](#_bookmark8)

[Sequence Diagram 10](#_bookmark9)

[Communication Diagram 11](#_bookmark10)

[IT22278012 – T. T. Thilakerathne 12](#_bookmark11)

[Use Case Scenario 12](#_bookmark12)

[Sequence Diagram 14](#_bookmark13)

[Communication Diagram 15](#_bookmark14)

[IT22548146 – R. J. M. P. M. Bandara 16](#_bookmark15)

[Use Case Scenario 16](#_bookmark16)

[Sequence Diagram 17](#_bookmark17)

[Communication Diagram 18](#_bookmark18)

## Use Case Scenario

|  |  |  |
| --- | --- | --- |
| Use Case ID |  | |
| Use Case Name |  | |
| Summary |  | |
| Priority |  | |
| Precondition |  | |
| Postcondition |  | |
| Primary Actor |  | |
| Main Success Scenario | **Step** | **Action** |
|  | 1 |  |
|  | 2 |  |
|  | 3 |  |
|  | 4 |  |
|  | 5 |  |
|  | 6 |  |
|  | 7 |  |
|  | 8 |  |
|  | 9 |  |
| Extension | **Step** | **Branching Action** |
|  | 1a |  |
|  | 1b |  |
|  | 1c |  |
|  | 1d |  |
|  | 6a |  |
|  | 6b |  |

# IT22276278 – T. D. P. Randeniya

## Use Case Scenario

|  |  |  |
| --- | --- | --- |
| Use Case ID |  | |
| Use Case Name |  | |
| Summary |  | |
| Priority |  | |
| Precondition |  | |
| Postcondition |  | |
| Primary Actor |  | |
| Main Success Scenario | **Step** | **Action** |
|  | 1 |  |
|  | 2 |  |
|  | 3 |  |
|  | 4 |  |
|  | 5 |  |
|  | 6 |  |
|  | 7 |  |
| Extension | **Step** | **Branching Action** |
|  | 1a |  |
|  | 5a |  |
|  | 5b |  |
|  | 5c |  |
|  | 5d |  |
|  | 6a |  |
|  | 6b |  |

# IT22278012 – T. T. Thilakerathne

## Use Case Scenario

|  |  |  |
| --- | --- | --- |
| Use Case ID |  | |
| Use Case Name |  | |
| Summary |  | |
| Priority |  | |
| Precondition |  | |
| Postcondition |  | |
| Primary Actor |  | |
| Main Success Scenario | Step | Action |
|  | 1 |  |
|  | 2 |  |
|  | 3 |  |
|  | 4 |  |
|  | 5 |  |
|  | 6 |  |
|  | 7 |  |

|  |  |  |
| --- | --- | --- |
|  | 8 |  |
|  | 9 |  |
|  | 10 |  |
|  | 11 |  |
|  | 12 |  |
|  | 13 |  |
|  | 14 |  |
|  | 15 |  |
|  | 16 |  |
|  | 17 |  |
| Extensions | Step | Branching Action |
|  | 1a |  |
|  | 1b |  |
|  | 1c |  |
|  | 1d |  |
|  | 5a |  |
|  | 5b |  |

# IT22548146 – R. J. M. P. M. Bandara

## Use Case Scenario

|  |  |
| --- | --- |
| Use Case ID |  |
| Use Case Name |  |
| Summary |  |
| Priority |  |
| Precondition |  |
| Postcondition |  |
|  |
|  |
| Primary Actor |  |
| Main Success Scenario |  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| Extension |  |
|  |
|  |
|  |
|  |
|  |