**Assignment 2 Cover Sheet**

Group Details:

|  |  |  |
| --- | --- | --- |
|  | **Student Registration Number** | **Student Name** |
| **1** | IT21189944 | Madusanka G.K. I |
| **2** | IT21190216 | Thisera W.N.M |
| **3** | IT21379956 | Hettiarachchi V. E |
| **4** | IT21377280 | Rajapaksha C. S |
| **5** | IT21189630 | Hewavitharana D. L |

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_10.02\_02 |
| **CASE STUDY NAME** | Wild-life Safari Trip Management System |

**Assignment 2 Certify Sheet**

Shape

Description automatically generated with medium confidence



Student Details:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Student Name** | **Student Registration Number** | **Date** | **Signature** |
| **1** | IT21189944 | Madusanka G.K. I | 25/04/2022 | Chart  Description automatically generated with medium confidence |

**Part 1- (1)**

# Use Case Scenario

|  |  |  |
| --- | --- | --- |
| **Number** | 01 | |
| **Name** | Sign up for the site | |
| **Summery** | Guest user becomes a registered customer | |
| **Priority** | High | |
| **Pre - Conditions** | User must visit to the website | |
| **Post - Conditions** | System sends an email of gratitude to user with a note to confirm about successful registration. | |
| **Primary Actor** | Customer | |
| **Trigger** | Guest has chosen to register | |
| **Main Scenario** | Step | Action |
|  | 1. | Visit the website using URL |
|  | 2. | Guest clicks on signup button |
|  | 3. | System displays the registration form |
|  | 4. | Guest enters the username, full name, Email, Password with mention characters, and re-type password. |
|  | 5. | Guest clicks on signup button to submit the form |
|  | 6. | System sends an email with link to confirm entered email. |
|  | 7. | Guest clicks on confirm link in the email. |
|  | 8. | System store user details and activate account |
|  | 9. | Welcome user to homepage |
|  | 10. | System sends an email of gratitude to user with a note to confirm about successful registration. |
| **Extensions** | Step | Branching Action |
|  | 2a | Display a message “If already a registered customer please login”. |
|  | 5a | System notifies guest that the entered username is not valid. |
|  | 5b | System notifies guest that the entered password is weak. |
|  | 7a | System notifies guest that the email does not confirm. |

**Part 1- (2)**

# Activity Diagram

Diagram, schematic

Description automatically generated



Diagram

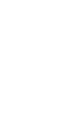
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**Part 2- (1)**

# Sub Systems

Diagram

Description automatically generated



**Part 2- (2)**

# Activity Diagram with partitioning

Diagram, schematic

Description automatically generated