**Assignment 2 Cover Sheet**

**IT1060 – Software Process Modeling Semester 2** - **2023**

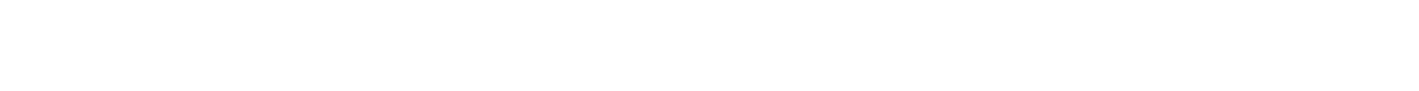
|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_04.01\_04 |
| **CASE STUDY NAME** | Vehicle insurance management system |
| **CAMPUS/CENTER** | Malabe |

**Group Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | SIRIWARDANA B J A | IT22336590 | 2023.05.28 | BETHMI |
| 2 | HEWAGAMA A D | IT22316486 | 2023.05.28 | AMSHA |
| 3 | SHEHARA I G D S | IT22338334 | 2023.05.28 | SHEHARA |
| 4 | KUMARAGE N D | IT22887108 | 2023.05.28 | NAVEEN |
| 5 | ALWIS A C | IT22326904 | 2023.05.28 | Asiri |

**Assignment 2 Certify Sheet**

**IT1060 – Software Process Modeling Semester 2**- **2023**



**BSc**

**(**

**Hons) in Information Technology**



|  |
| --- |
| We hereby certify,  The attached is our own work and no further changes will be made.  We have contributed in this assignment to the best of our ability.  And we understand,  We may be subject to student discipline processes in the event of an act of academic misconduct by us including an act of plagiarism or cheating. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | SIRIWARDANA B J A | IT22336590 | 2023.05.28 | BETHMI |

**2.1) Subsystem of vehicle insurance management system (policy management)**

**A picture containing text, font, screenshot, line

Description automatically generated**

**1.2) Activity diagram**

**A screenshot of a computer

Description automatically generated with low confidence**

**2.2) Activity diagram with swim lanes**

A picture containing text, screenshot, diagram, parallel

Description automatically generated

|  |  |  |
| --- | --- | --- |
| **Number** | IT22336590 | |
| **Name** | Policy management subsystem | |
| **Summary** | Manage policy | |
| **Pre-conditions** | User enters policy related information | |
| **Post-conditions** | Finalize policy | |
| **Primary Actor** | Policy manger | |
| **Main Scenario** | **Step** | **Action** |
|  | 1 | Customer can enter the policy related information |
| 2 | System displays policy details |
| 3 | System checks the details |
| 4 | System checks whether the customer wants to modify policy |
| 5 | System modify policy |
| 6 | System sends expiration email |
| 7 | System check whether the customer wants to renew policy |
| 8 | System renews policy |
| 9 | System check whether the customer wants to cancel the policy |
| 10 | System cancels the policy |
|  | 11 | System generates the final policy report |
|  | 12 | System sends successful email |
| **Extensions** | **Step** | **Action** |
|  | 1a | System notifies if the email is not valid |
| 5a | System notifies to update policy details |
| 6a | System checks the expiration date of policy |
| 7a | System checks whether the user has multiple accounts |
| 12a | System generates reports of new policy |