Sri Lanka Institute of Information Technology

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Assignment 2

Group MLB\_01.02\_04

Online Teacher Trainer

**IT1060 -Software Process Modeling**

**IT1060**  **– Software Process Modeling** **2022** **-**F**ebruary**

# Assignment 2 Cover Sheet

|  |  |
| --- | --- |
| **CASE STUDY NAME** | **Online Teacher Trainer** |
| **PROJECT ID** |  |

**Group Details:** 



**BSc (Hons) in**

**Information Technology**



|  |  |  |
| --- | --- | --- |
|  | **Student Registration Number** | **Student Name** |
| **1** | **IT21196942** | **Hettiarachchige . S. I.** |
| **2** | **IT21197864** | **K. K. O. Y. Kahatapitiya** |
| **3** | **IT21194276** | **Muthunayake J. P. V** |
| **4** | **IT21195020** | **Rabukpotha. R. R. M. L. G** |
| **5** | **IT21195334** | **Athukoralage.D.T.A** |

**IT1060**  **– Software Process Modeling** **2022** **-**F**ebruary**

# Assignment 2 Certify Sheet

|  |
| --- |
| I hereby certify,  Shape, arrow  Description automatically generated The attached is my own work and no further changes will be made.  Shape, arrow  Description automatically generated I have contributed in this assignment to the best of my ability.  And I understand,  Shape, arrow  Description automatically generatedI may be subject to student discipline processes in the event of an act of academic misconduct by me including an act of plagiarism or cheating. |

**Student Details:**



**BSc (Hons) in**

**Information Technology**



|  |  |  |  |
| --- | --- | --- | --- |
|  | **Student Registration** |  |  |
| **Student Name** | **Number** | **Date** | **Signature** |
| **Muthunayake J. P. V** | **IT21194276** | **05/01/2022** |  |

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**PART 1**

**Use Case Scenario**

|  |  |  |
| --- | --- | --- |
| **Number** |  | 009 |
| **Name** |  | Manage users |
| **Summary** |  | Giving permission to students to access the sessions |
| **Priority** |  | 5 |
| **Preconditions** |  | Admin must log in to the system |
| **Postconditions** |  | User could access to the sessions |
| **Primary actor(s)** |  | Administrator |
| **Secondary actor(s)** |  | Users |
| **Trigger** |  | Gather students’ information |
| **Main Scenario** | **Steps** | **Action** |
|  | 1 | Administrator logs into the system |
|  | 2 | System shows the student list |
|  | 3 | Admin register students to the training courses |
|  | 4 | System checks user exist or invalid to the specific course |
|  | 5 | Confirm the registration by the admin |
|  | 6 | System displays success message |
| **Extensions** | **Steps** | **Branching Actions** |
|  | 2a | System notifies the new student and display |
|  | 2b | Gathers student information and enter to the system as new student |
|  | 2c | System generates student id |
|  | 4a | System notifies the user exists on the specific course |
|  | 4b | System displays ‘User already exists’ message |

**Call Action**

|  |  |  |
| --- | --- | --- |
| **Number** |  | 010 |
| **Name** |  | Answer questions / Sending feedbacks |
| **Summary** |  | Answering to questions and update FAQs |
| **Priority** |  | 5 |
| **Preconditions** |  | Admin must log into the system |
| **Postconditions** |  | Answer to customers questions |
| **Primary actor(s)** |  | Administrator |
| **Secondary actor(s)** |  | Users |
| **Trigger** |  | Customers should send questions |
| **Main Scenario** | **Steps** | **Action** |
|  | 1 | Administrator logs into the system and go to questions page |
|  | 2 | System shows the questions asked by the customers |
|  | 3 | Admin type answers on the text box below the question and submit |
|  | 4 | System updates the question on the question page and sends notification to the customer that question being answered |
| **Extensions** | **Steps** | **Branching Actions** |
|  | 3a | Admin notifies the question is important and frequently asked |
|  | 3b | Admin enters the important and frequently asked question and answer to FAQs |
|  | 3c | System updates FAQs |

**Activity Diagram**

Diagram

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