



Assignment 2

MLB\_11.01\_09

**Online Teacher Trainer**

Software Process Modeling

**IT1060 – Software Process Modeling Semester 2**

**Year 01 Semester II**- **2023**

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_11.01\_09 |
| **CASE STUDY NAME** | Add video |
| **CAMPUS/CENTER** | SLIIT/Malabe |

**Group Details:**

|  |  |  |
| --- | --- | --- |
|  | **Student Registration Number** | **Student Name** |
| **1** | IT22102782 | Afzal Ahamed A H |
| **2** | IT22149626 | Chandrasiri G A S D |
| **3** | IT22150448 | Kaushalya W M D S |
| **4** | IT22144430 | Liyanage N S |
| **5** | IT22153654 | Piranavan S |

**I hereby certify,**

🗹 The attached is our own work and no further changes will be made.

🗹 I have contributed to this assignment to the best of my ability.

And we understand,

🗹 I 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

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| --- | --- | --- | --- |
| **Student Name** | **Student Registration**  **Number** | **Date** | **Signature** |
| Afzal Ahamed A H | IT22102782 | 29/05/2023 |  |

Part 1

|  |  |  |
| --- | --- | --- |
| **Use case ID** | OTT\_L\_1 | |
| **Use case Name** | Add video | |
| **Summary** | Adding previous lecture videos and links | |
| **Priority** | 1 | |
| **Preconditions** | Lecturer needs to sign in his or her account | |
| **Primary Actor(s)** | lecturer | |
| **Trigger** | Lecturer has chosen to train trainee teacher through their videos and links | |
| **Main Scenario** | **Step** | **Action** |
| **1** | Go to the Online Teacher Trainer page. |
| **2** | log in as lecturer |
| **3** | System check the Lecturer account details |
| **4** | Lecturer uploads the videos and tutorials |
| **5** | Lecturer can check the videos which are uploaded |
| **6** | Log out as lecture |
| **Extensions** | **Step** | **System Action** |
| **5a** | If There any issues on uploaded videos and link. Go to coordinator |

Activity Diagram Without Partitioning

A diagram of a flowchart

Description automatically generated with low confidence

Sub system.

A diagram of a login

Description automatically generated with low confidence

A picture containing text, screenshot, diagram

Description automatically generated

Part 2

***A picture containing text, diagram, plan, parallel

Description automatically generated***sub activity diagram.

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Sub Activity diagram partitioning.

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sub activity diagram partitioning.

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Description automatically generated with low confidence



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**Year 01 Semester II**- **2023**

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_11.01\_09 |
| **CASE STUDY NAME** | Handle payment |
| **CAMPUS/CENTER** | SLIIT/Malabe |

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| **Student Name** | **Student Registration**  **Number** | **Date** | **Signature** |
| Chandrasiri G A S D | IT22149626 | 29/05/2023 |  |

***Part 1 – use case scenario***

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| --- | --- | --- |
| **IT22149626** | | |
| **Use case ID** | OTT\_A\_0001 | |
| **Use case Name** | Handle payment | |
| **Summary** | Handling every payment | |
| **Priority** | 2 | |
| **Preconditions** | The user should have a bank account | |
| **Primary Actor(s)** | Admin | |
| **Trigger** | The user wanted to get money and give salaries | |
| **Main Scenario** | **Step** | **Action** |
| **1** | Check the bank details of users from Reports |
| **2** | Go to the user’s payment section |
| **3** | Check the user’s Receipts and confirm the payments |
| **4** | Go to lecturer’s salary in generated Reports |
| **5** | Get lectures activities and ratings from reports |
| **6** | Confirm and pay the salaries of the lecturers |
| **7** | Check and pay other payments for the website |
| **Extensions** | **Step** | **System Action** |
| **3a** | If the user’s payment is accepted, the system prompts a confirmation |
| **6a** | If the lecturer’s salary is accepted, the system prompts a confirmation |
| **6b** | If the user pays the salary, the system prompts payment successfully |
| **Open Issues** | **3** | Should the system ask if the user(admin) wants to add a user to paid list without payments? |

***Part 1 – Activity Diagram***

A diagram of a flowchart

Description automatically generated with low confidence

***Call Action***

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***Sub System***

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Description automatically generated***Swim Lanes***

**IT1060 – Software Process Modeling Semester 2**

**Year 01 Semester II**- **2023**

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_11.01\_09 |
| **CASE STUDY NAME** | Attending lectures |
| **CAMPUS/CENTER** | SLIIT/Malabe |

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| **Student Name** | **Student Registration**  **Number** | **Date** | **Signature** |
| Kaushalya WMDS | IT22150448 | 29/05/2023 | A close-up of a signature  Description automatically generated |

**Part 1**

|  |  |  |
| --- | --- | --- |
| **IT22150448** | | |
| **Use case ID** | OTT02 | |
| **Use case Name** | Attending lectures | |
| **Summary** | Attending enrolled modules’ lectures | |
| **Priority** | 1 | |
| **Preconditions** | User should registered to the system | |
| **Primary Actor(s)** | Trainee Teacher | |
| **Trigger** | The user wanted to get trained through online training system | |
| **Main Scenario** | **Step** | **Action** |
| **1** | User selects ‘Enroll Module’ option. |
| **2** | System display course(s) selected by the user. |
| **3** | User clicks on ‘Enroll Module’. |
| **4** | System asks user to enter module code. |
| **5** | User enters module code. |
| **6** | System enroll user to the selected module. |
| **7** | System displays module details, lecture notes, lecture videos and links. |
| **8** | User chooses lecture video(s) which he/she wanted to attend. |
| **9** | Download lecture notes, watch videos, attending live lectures. |
| **10** | Complete module. |
| **Extensions** | **Step** | **System Action** |
| **5a** | If module code is incorrect, system asks user to re-enter the code. |
| **Open Issues** | **-** | - |

**Part 1 – (2)**

**A picture containing diagram, text, plan, technical drawing

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A diagram of a login

Description automatically generated with low confidence

**Part 2**

A diagram of a teacher trainer system

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**Part 2 – (2)A diagram of a flowchart

Description automatically generated with low confidence**

**IT1060 – Software Process Modeling Semester 2**

**Year 01 Semester II**- **2023**

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_11.01\_09 |
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| **CAMPUS/CENTER** | SLIIT/Malabe |

**Group Details:**

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| **Student Name** | **Student Registration**  **Number** | **Date** | **Signature** |
| Liyanage N S | IT22144430 | 29/05/2023 |  |

**Part I**

1. **Use Case Scenario**

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1. **Activity Diagram – Without Partition**

A diagram of a flowchart

Description automatically generated with low confidence

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Description automatically generated

A picture containing text, screenshot, diagram, line

Description automatically generated

A picture containing text, screenshot, diagram, line

Description automatically generated

**Part II**

1. **Sub Systems**

**A diagram of a teacher system

Description automatically generated with low confidence**

A diagram of a system

Description automatically generated with low confidence

1. **Activity Diagram with Partition**

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A screenshot of a diagram

Description automatically generated with medium confidence

A picture containing text, diagram, screenshot, line

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A screenshot of a computer screen

Description automatically generated with medium confidence

**IT1060 – Software Process Modeling Semester 2**

**Year 01 Semester II**- **2023**

|  |  |
| --- | --- |
| **PROJECT ID** | MLB\_11.01\_09 |
| **CASE STUDY NAME** | Create timetable |
| **CAMPUS/CENTER** | SLIIT/Malabe |

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| **Student Name** | **Student Registration**  **Number** | **Date** | **Signature** |
| Piranavan S | IT22153654 | 29/05/2023 |  |

1. Use case diagram

|  |  |  |
| --- | --- | --- |
| **IT22153654** | | |
| **Use case ID** | OTT\_C\_1 | |
| **Use case Name** | Create timetable | |
| **Summary** | Give the timetable | |
| **Priority** | 1 | |
| **Preconditions** | Lecturer needs to login his or her account | |
| **Primary Actor(s)** | Coordinator | |
| **Trigger** | Trainee teacher follow their lecture properly | |
| **Main Scenario** | **Step** | **Action** |
| **1** | Login to the database |
| **2** | Enter in to the User Data Folder |
| **3** | Gather all user data files |
| **4** | Create the lecture timetable |
| **5** | Give the module access to lecturer |
| **Extensions** | **Step** | **System Action** |
| **3a** | If the email is not valid, the system prompts an error |
| **Open Issues** | **1** | Should the system ask if the user is confident about the  information filled |

Part 1

1. Activity Diagram

A picture containing text, screenshot, font, line

Description automatically generated

1. Sub activity

A diagram of a flowchart

Description automatically generated with low confidence

Part 2

1.

A diagram of a teacher trainer system

Description automatically generated with medium confidence

2.Activity Diagram with Partitioning

A screenshot of a diagram

Description automatically generated with medium confidence