# **Version 1.0.0 Episode 1﻿﻿﻿﻿**

# Project Description

We developing a website that provides online learning platform. This website will allow qualified academics to create short courses on a wide variety of Information Technology topics. A student who wants to take courses must subscribe to the service also organisations will be allowed to pay for subscription for its members.

Quotation:

The budget for each workflow

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| --- | --- |
| *Requirements workflow* | R4,000 |
| *Analysis workflow* | R10, 420 |
| *Design workflow* | R11,480 |
| *Implementation workflow* | R16,830 |
| *Testing workflow* | R15,220 |
| *Total* | R57,950 |

# O-Learn Presentation

# Use Cases

This use case shows the interaction between the user and constructed system when the user/s uses the system to perform various actions according to their roles. The following sections explain brief descriptions and step-by-step descriptions

## Login use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Audits all work done use case

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| **Brief Description**  The Audits all work use case enables the auditor user to login and audits to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Subscription to a course use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Create/Edit/Delete assessment of a course use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Upload solutions use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Compile a programming language use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Create/Edit/Delete course and supporting assessment use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Present power point use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |

## Record video, audio and upload images use case

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| **Brief Description**  The Login use case enables the different users to login to the Online Learning System (OLS). |
| **Step-by-step Description of Normal case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username and password from textboxes the system’s login platform of the interface 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials 7. The system takes the user into a logged in interface where the functionality of the system is limited to the user’s role.   **Step-by-step Description of Best case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 6. The system provides error login feedback message to the user due to incorrect username / password 7. The system asks the user to check if the username/password provided if it is correct and try logging in again or it provides password recovery option. 8. The user enters the login credentials again and this time with the correct spelled username as well as password. 9. The user clicks the login button 10. The system validates the user’s login credentials from the database of registered system users and the role that a specific user has on the system 11. The system gets positive feedback from the database of system users that the user is registered and provided right login credentials.   **Step-by-step Description of Worst case scenario**   1. The user start-up the system 2. The system produces window interface which the user can use to interact with the system 3. The user enters the login username with wrong spelling and password from textboxes the system’s login platform of the interface provides 4. The user clicks the login button 5. The system hangs while validating the user’s information due to improper implementation of database login credential validation algorithm |