**Test cases:**

# Register Account

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| **Test case #:** 1 **Test Case Name:** Register Account  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the user to enter their credentials to get register in to the portal. |

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| **Pre-Conditions**  Registration data must have in university data. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on register button. | Form page open | **Pass** |  |
| 2. | Enter user name, email address and password.. | All credentials must be correct | **Pass** |  |
| 3. | Click on register account | Account must be registered | **Pass** |  |

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| **Post-Conditions**  User registered in portal. |

# Login

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| **Test case #:** 2 **Test Case Name:** Login  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the user to enter their credentials to get login in to the portal. |

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| **Pre-Conditions**  User must be registered. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on login button. | Form page open | **Pass** |  |
| 2. | Enter email address and password. | All credentials must be correct | **Pass** |  |
| 3. | Click on login button. | Portal must be open. | **Pass** |  |

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| **Post-Conditions**  User must login to the portal. |

# Update profile

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| **Test case #:** 3 **Test Case Name:** Update profile  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the user to update the previous data when any data edit by user. |

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| **Pre-Conditions**  User must have profile in database. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on username. | Drop down menu open | **Pass** |  |
| 2. | Click on profile button. | Popup box open | **Pass** |  |
| 3. | Edit user name, password or email address and click on update button. | Data updated when click on update button | **Pass** |  |

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| **Post-Conditions**  User name, email address or password updated. |

# Add project

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| **Test case #:** 4 **Test Case Name:** Add project  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the user to add project in database. |

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| **Pre-Conditions**  Student must be registered. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on create group. | Dropdown menu shown. | **Pass** |  |
| 2. | Click on add project. | Add project form open | **Pass** |  |
| 3. | Enter project title and description within given dates and click on add project button. | Project added message shown. | **Pass** |  |

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| **Post-Conditions**  Project added in portal. |

# Create group

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| **Test case #:** 5 **Test Case Name:** Create group  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the student to create group with other students. |

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| **Pre-Conditions**  Student should have already added project before creating group. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on create group. | Dropdown menu shown. | **Pass** |  |
| 2. | Click on add member. | Add member form open | **Pass** |  |
| 3. | Enter username, password and email address and click on add button. | Member added in the table. | **Pass** |  |

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| **Post-Conditions**  Members added in tabular form. |

# Select supervisor

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| **Test case #:** 6 **Test Case Name:** Select supervisor  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the student to select supervisor from given supervisors. |

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| **Pre-Conditions**  Student should have already added project before creating group. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on create group. | Dropdown menu shown. | **Pass** |  |
| 2. | Click on select supervisor. | Select supervisor form open | **Pass** |  |
| 3. | Click on dropdown menu and select supervisor. | Supervisor selected message shown | **Pass** |  |

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| **Post-Conditions**  Supervisor selected for student FYP project.. |

# Submit Proposal

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| **Test case #:** 7 **Test Case Name:** Submit proposal  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow student to submit their proposal. |

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| **Pre-Conditions**  Student should have added project before submit proposal. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on proposal dropdown menu. | Dropdown menu shown. | **Pass** |  |
| 2. | Click on submit proposal. | Proposal submission form open. | **Pass** |  |
| 3. | Click on choose file and submit proposal. | Proposal submitted and shown in table. | **Pass** |  |

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| **Post-Conditions**  Proposal submitted to head of committee. |

# Chat box

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| **Test case #:** 8 **Test Case Name:** Chat box  **System:** FYP Management System  **Designed By:** Zinneera Waheed **Design Date:** 3th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 10th July,2020  **Short Description:** This test case is designed to test that the system allow the user to enter their credentials to get register in to the portal. |

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| **Pre-Conditions**  Student should login to the portal. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on Chat dropdown menu. | Dropdown menu shown | **Pass** |  |
| 2. | Click on supervisor chat or student chat. | Chat page open. | **Pass** |  |
| 3. | Click on Send message. | Popup box open | **Pass** |  |
| 4. | Enter message and click on send button. | Message send and shown in table. | **Pass** |  |

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| **Post-Conditions**  Messages send and receive. |

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| **Test case #:**18 **Test Case Name:** Set Due Dates  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that HOC assigned the FYP Proposal, Phase-1, Phase-2 report submission and evaluation dates. |

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| **Pre-Conditions**  HOC must be logged in to the account. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Hoc insert the Start and End Date. | Insert into the database successfully. | **Pass** |  |
| 2. | HOC not Insert the Start Date and End Date. | Not Insert Into Database and not Set Successfully. | **Pass** |  |

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| **Post-Conditions**  Dates insert successfully and will be shown to students. |

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| **Test case #:**19 **Test Case Name:** View Group Details  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that any user can view the group details |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on Group Details button. | Displays the Group Details Successfully | **Pass** |  |
| 2. | Not click on Group Details button. | Do not display Group Details. | **Pass** |  |

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| **Post-Conditions**  Group details will be displays on screens and they users can delete any member from group. |

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| **Test case #:**20 **Test Case Name:** View Faculty Details  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that Admin and Student can view the Faculty details |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on Faculty Details button. | Displays the Faculty Details Successfully | **Pass** |  |
| 2. | Not click on Faculty Details button. | Do not display Faculty Details. | **Pass** |  |

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| **Post-Conditions**  Faculty details will be displays on screens and the Admin can delete any faculty member from database. |

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| **Test case #:**21 **Test Case Name:** View EC Details  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that Admin and Head of committee can view the evaluation committee details |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on EC Details button. | Displays the EC Details Successfully | **Pass** |  |
| 2. | Not click on EC Details button. | Do not display EC Details. | **Pass** |  |

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| **Post-Conditions**  Evaluation Committee details will be displays on screens and the Admin can delete any evaluation committee member from database. |

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| **Test case #:**22 **Test Case Name:** View Supervisors details  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that Admin, HOC and Student can view the Supervisor’s details |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on Supervisor Details button. | Displays the Supervisor Details Successfully | **Pass** |  |
| 2. | Not click on Supervisor Details button. | Do not display Supervisor Details. | **Pass** |  |

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| **Post-Conditions**  Supervisor details will be displays on screens and the Admin can only delete any supervisor from database. |

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| **Test case #:**23 **Test Case Name:** Upload Grade  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that Evaluation Committee upload the grade of each student. |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click on Upload Grade button. | Grade Uploaded of each student Successfully. | **Pass** |  |
| 2. | Not click on upload Grade button. | Do not upload the grade of each student and notify the Error. | **Pass** |  |

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| **Post-Conditions**  Students and supervisor can view the Grade report. |

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| **Test case #:**24 **Test Case Name:** Notification Alert  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that FYP Portal users can show Notification. |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click Notification alert button. | Notifications open Successfully. | **Pass** |  |
| 2. | Not click on Notification alert button. | Do not open Notifications Successfully. | **Pass** |  |

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| **Post-Conditions**  Notification open and allow which portal page to open. |

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| **Test case #:**25 **Test Case Name:** Logout Account  **System:** FYP Management System  **Designed By:** Zoha Bilal **Design Date:** 5th July,2020  **Executed By:** Bisma Ahmed **Execution Date:** 13th July,2020  **Short Description:** Testing the functionality that FYP Portal users can logout their account. |

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| **Pre-Conditions**  The users must be login. |

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| **Step** | **Action** | **Expected System Response** | **Pass/Fail** | **Comment** |
| 1. | Click Logout button. | Logout Account Successfully and login page opens. | **Pass** |  |
| 2. | Not click on Logout button. | Do not Logout Account Successfully Notify the Error. | **Pass** |  |

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| **Post-Conditions**  Login page opens and user again Login to account. |