**Test Cases**

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| **1: Register an account** | | | | |
| **Pre-conditions**   * The user has access to the website * The user has access to an email account | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Click “Register” on homepage | System displays registration form | **P** |  |
| 2 | Complete form | System checks field validations | **P** |  |
| 3 | Submit form | System stores details securely.  System sends account confirmation email |  |  |
| 4 | Confirm email address | System welcomes new user |  |  |
| 5 | **Check post-condition 1** |  |  |  |
| 6 | **Check post-condition 2** |  |  |  |
| **Post-conditions**   1. New user details are saved in the database 2. The user is logged in | | | | |

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| **2: Login to existing account** | | | | |
| **Pre-conditions**   * The user has access to the website * The user has an already existing account | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Enter login details | System displays email/username  System hides password | **P** |  |
| 2 | Click “Login” | System checks for existing user  System welcomes user | **P** |  |
| 3 | **Check post-condition 1** |  | **P** |  |
| **Post-conditions**   1. The user is logged in | | | | |

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| **3: Create new Project** | | | | |
| **Pre-conditions**   * The user is logged in | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Click “New Project” on user homepage | System displays new project form |  |  |
| 2 | Complete form | System checks field validations |  |  |
| 3 | Submit form | System stores details securely. |  |  |
| 4 | **Check post-condition 1** |  |  |  |
| **Post-conditions**   1. New Project is created | | | | |

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| **4: Add Milestone to Project** | | | | |
| **Pre-conditions**   * The user is logged in * The user has already created a project | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Click “New Milestone” on project page | System displays new milestone form | **P** |  |
| 2 | Complete form | System checks field validations | **P** |  |
| 3 | Submit form | System stores details securely. |  |  |
| 4 | **Check post-condition 1** |  | **P** |  |
| **Post-conditions**   1. New Milestone is created | | | | |

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| **5: Remove Milestone from Project** | | | | |
| **Pre-conditions**   * The user is logged in * The user has already created a project and milestone(s) | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Select milestone to be removed | System highlights milestone | **P** |  |
| 2 | Click “Delete” | System asks user to confirm deletion | **P** |  |
| 3 | Confirm deletion | System removes milestone from current project | **P** |  |
| 4 | **Check post-condition 1** |  | **P** |  |
| 5 | **Check post-condition 2** |  |  |  |
| **Post-conditions**   1. Selected milestone is no longer visible within project 2. Selected milestone is deleted from database | | | | |

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| **6: Edit Milestone of Project** | | | | |
| **Pre-conditions**   * The user is logged in * The user has already created a project and milestone(s) | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Select milestone to be edited | System highlights milestone | **P** |  |
| 2 | Click “Edit” | System displays edit milestone form | **P** |  |
| 3 | Edit form | System checks field validations |  |  |
| 4 | Submit form | System stores details securely. |  |  |
| 5 | **Check post-condition 1** |  | **P** |  |
| 6 | **Check post-condition 2** |  |  |  |
| **Post-conditions**   1. Selected milestone is visibly updated within project 2. Selected milestone is updated in database | | | | |

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| **7: Delete Existing Project** | | | | |
| **Pre-conditions**   * The user is logged in * The user has already created a project | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Select project to be removed | System ticks box beside project |  |  |
| 2 | Click “Delete” | System asks user to confirm deletion |  |  |
| 3 | Confirm deletion | System removes project |  |  |
| 4 | **Check post-condition 1** |  |  |  |
| 5 | **Check post-condition 2** |  |  |  |
| **Post-conditions**   1. Selected project is no longer visible 2. Selected project is deleted from database | | | | |

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| **8: Share Project link** | | | | |
| **Pre-conditions**   * The user is logged in * The user has already created a project | | | | |
| **Step** | **Action** | **Expected Response** | **Pass/Fail** | **Comment** |
| 1 | Click “Share Project” | System generates sharing link |  |  |
| 2 | Copy sharing link | System adds link to clipboard |  |  |
| 3 | **Check post-condition 1** |  |  |  |
| **Post-conditions**   * Sharing link stored to clipboard | | | | |