**ProjectX Mobile Application - User Acceptance Testing (UAT)**

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| **Document Information** |  |
| Project Name | ProjectX Mobile Application |
| Version | 1.0.0 |
| Date | May 20, 2025 |
| Test Environment | iOS and Android mobile devices |

**1. User Authentication Test Cases**

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| **ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| UA-01 | Login with valid credentials | 1. Open app  2. Enter username "johndoe"  3. Enter password "Password123"  4. Tap Login | User is logged in and directed to home screen |
| UA-02 | Login with invalid credentials | 1. Open app  2. Enter username "johndoe"  3. Enter password "wrongpassword"  4. Tap Login | Error message displays: "Invalid credentials" |
| UA-03 | User logout | 1. Log in  2. Navigate to profile  3. Tap Logout button | User is logged out and redirected to login screen |

**2. User Management Test Cases**

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| **ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| UM-01 | View user list | 1. Log in as admin  2. Navigate to User Management  3. Open User List | List of users is displayed with names, emails, and IDs |
| UM-02 | Search for users | 1. Open User List  2. Enter "john" in search field | Only users with "john" in their name, ID, or email are displayed |
| UM-03 | Edit user information | 1. Open User List  2. Tap Edit icon next to user  3. Modify user email  4. Save changes | User information is updated and reflected in user list |
| UM-04 | Delete a user | 1. Open User List  2. Tap Delete icon next to user  3. Confirm deletion | User is removed from the system and no longer appears in list |
| UM-05 | Refresh user list | 1. Open User List  2. Tap Refresh icon | User list is refreshed with current data |

**3. Role-Based Access Test Cases**

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| **ID** | **Test Scenario** | **Test Steps** | **Expected Result** |
| RA-01 | Student access | 1. Log in as student  2. Navigate to Dashboard | Student-specific options are displayed |
| RA-02 | Lecturer access | 1. Log in as lecturer  2. Navigate to Dashboard | Lecturer-specific options are displayed |
| RA-03 | Student access restriction | 1. Log in as student  2. Attempt to access Admin section | Access denied message or admin section not visible |

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**4. Test Account Credentials**

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| **User Type** | **Username** | **Password** | **Access Level** |
| Admin | admin | admin123 | Full system access |
| Student | johndoe | student123 | Student features only |
| Lecturer | janesmith | lecturer123 | Lecturer features only |