

**SOFTWARE ENGINEERING**

final Assignment-02

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SECTION : I

**Testing Document**

**System Name:** Prison Management System

**Test Scenarios**

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| **Scenario Serial** | **Requirement/**  **Use case ID** | **Description** | **Test Cases** |
| 1 | FE01\_UC01 | Login Functionality | 1. Check if visitors, jailers, Lawyers and Interior Minister can login with valid user id and password 2. Check if error happens if no user id or password is given 3. Check if wrong user or password stops user from login in |
| 2 | FE01\_UC02 | Logout Functionality | 1. Check if user can logout clicking the logout link 2. Check if user can access any activities page/other protected pages through URL links after logout |
| 3 | FE02\_UC01 | Adding prisoners,jailers,lawyers,visitors | 1. Check if prisoners can be added when all the data are provided 2. Check if prisoners can be added if no data is provided 3. Check if prisoners shows up in the prisoners list after addition |
| 4 | FE01\_UC01 | Updating prisoners,jailers,lawyers,visitors | 1. Check if sectors are updated after button of the function is clicked. 2. Check if sectors are updated in the list after updating. 3. Check whether the informations are saved or not after upgradation is complete. |
| 5 | FE01\_UC01 | Deleting prisoners,jailers,lawyers,visitors | 1. Check if informations are deleted after button of the function is clicked. 2. Check if informations are deleted in the list after updating. |

**Test Cases**

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario – Login Functionality** | | | | | |
| **Test Case ID**  **TCXX\_TestScenarioSerial** | | **Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC01\_1 | login with valid user id and password  Data Used:  User id=admin  Password=admin | Go to home URL | Login page should be shown | work as expected – login page was shown | pass |
| Enter user ID and password | User id and password can be entered | Worked as expected | Pass |
| Click on login button | Login is successful and homepage of selected sector of the valid username should be shown | Login successful but homepages of all sectors wasn’t shown as expected. Only interior minister and lawyers homepages loaded successfully | Fail |
| TC02\_1 | login empty password and user id | Go to home URL | Login page should be shown | Worked as expected | Pass |
| Click on login button without entering any user id or password | Login button clickable but clicking shows error that user id and password are empty | Worked as expected | Pass |
| Click on login button entering wrong password or user id | Login button clickable but clicking shows error that any sectors can’t be entered as user id or password doesn’t match | Worked as expected | Pass |
| TC01\_3 | adding prisoners  Data used –  name =John Wick, id=112,father’s name= Michale Scofield,  Phone: 01420420420, gender=male, blood group=B+, Nationality=Bangladeshi,  Crime details=murder,  Entry time=05/05/2205  Punishment duration=12 years,  Dob = 10/10/1985,  Work in jail=cleaning toilets | After login using valid username of interior minister, click on Add prisoners link | After login using valid username of interior minister, Add prisoners menu link should be available and clickable and prisoners entry page should be loaded | Worked as expected | pass |
| Add all the data and click save button | New prisoner created and a successful message is shown and the prisoners list page loaded | Did not work as expected – success message is shown but Add prisoners page was reloaded | fail |
|  |  |  |  |  |  |
| TC01\_4 | adding visitors  Data used –  name =Taylor swift,  Phone: 0140000000, gender=Female  Nationality=Bangladeshi,  Address=20/D, Mirpur-2 | Add all the data and click save button | New visitor created and a successful message is shown and the updated visitor list page loaded | Work as expected – success message is shown and the updated visitors page is loaded | Pass |
| TC01\_5 | Register case  data used-  Case details= murder  Case related prisoner id=100  Date of registration=12/12/2018 | Add all the data and click save button | New case registered and a successful message is shown and list of all registered cases is shown | Did not work as expected – success message is shown but list of all registered cases is not shown | Fail |