Group 1 Media Bazaar Test Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test Data | Expected result |
| TC-G1 | G-01 | Login with valid credentials | Database includes:  EmID: 4055  Pass: 1234 | Employee ID: 4055  Password: 1234 | Actor is logged in |
| TC-G2 | G-01 | Login with empty fields | None | Empty username or password fields | System displays message requesting the fields to be filled |
| TC-G3 | G-01 | Login with invalid password | Database includes:  EmID: 4055  Pass: 1234 | Employee ID: 4055  Password: 12345 | System displays message requesting the password to be entered again, or asks if the user forgot their password. |
| TC-G4 | G-01 | Login with non-existent user | Database doesn’t include Employee ID 0000 | Employee ID: 0000  Password: 12345 | System displays message saying no user is registered |
| TC-G5 | G-01 | Login with database error | None | Valid username and password but database is down | System displays a message saying a connection error has occurred |
| TC-G6 | G-02 | View announcements on webpage | Logged in as any employee | None | Announcements are displayed on the home page |
| TC-G7 | G-02 | View announcements with database error | Logged in as any employee | None | System displays a message saying a connection error has occurred |
| TC-AD1 | AD-01 | Add new employee | Logged in as administrator | Valid employee details | New employee is added |
| TC-AD2 | AD-01 | Add new employee | Logged in as administrator | Empty fields or invalid format | System displays message requesting the fields to be filled and in the correct format |
| TC-AD3 | AD-01 | Add new employee | Logged in as administrator and employee exists in system | Employee details that already exist in the database | System displays message saying a user with these credentials already exists |
| TC-AD4 | AD-02 | Remove employee | Logged in as administrator | None | Employee is removed |
| TC-AD5 | AD-02 | Remove employee | Logged in as administrator | Employee has scheduled shifts in the future | System displays message saying the employee cannot be removed due to upcoming shifts |
| TC-AD6 | AD-03 | Add department | Logged in as administrator | Valid department data | New department is added |
| TC-AD7 | AD-03 | Add department | Logged in as administrator | Invalid department data | System displays message saying the inputs were invalid |
| TC-AD8 | AD-03 | Add department | Logged in as administrator | Data of an already existing department | System displays message saying this department already exists |
| TC-AD9 | AD-04 | Remove department | Logged in as administrator | None | Department is removed |
| TC-AD9 | AD-04 | Remove department | Logged in as administrator | Employees are still assigned to the department | System displays message saying the department still has employees assigned |
| TC-AD10 | AD-05 | Assign manager | Logged in as administrator | Department ID,  Manager ID | Manager is assigned to the department |
| TC-AD11 | AD-05 | Assign manager | Logged in as administrator | Department already has a manager | System displays message saying the department already has a manager |
| TC-AD12 | AD-05 | Assign manager | Logged in as administrator | Manager already is a manager of another department | System displays message saying the manager already is assigned to a department |
| TC-DM1 | DM-01 | Add new employee | Manager is logged in, employee details | Valid employee details | New employee is added to database and confirmation message is displayed |
| TC-DM2 | DM-01 | Add new employee | Manager is logged in | Incorrect or incomplete employee details | Error message is displayed |
| TC-DM3 | DM-02 | Remove selected employee | Manager is logged in, employee selected | None | Selected employee is removed from database and confirmation message is displayed |
| TC-DM4 | DM-02 | Remove selected employee | Manager is logged in, employee selected | Employee has assigned work | System displays message saying the employee cannot be removed due to upcoming shifts |
| TC-DM5 | DM-03 | Assign work to employee | Manager is logged in | Employee selected | Employee is assigned to the date and confirmation message is displayed |
| TC-DM6 | DM-03 | Employee already has work | Manager is logged in | Employee has conflicting work | Error message is displayed |
| TC-EM1 | EM-01 | Increase stock | Employee is logged in | None | Stock is increased |
| TC-EM2 | EM-02 | Decrease stock | Employee is logged in | None | Stock is decreased |
| TC-EM3 | EM-03 | Edit personal details | Employee is logged in | Valid personal details | Changes are reflected in the database |
| TC-EM4 | EM-03 | Edit personal details | Employee is logged in | Invalid personal details | System displays message saying the changes are invalid |
| TC-EM5 | EM-04 | View schedule | Employee is logged in and has assigned work | None | System displays actor’s work shifts |
| TC-EM6 | EM-04 | View schedule | Employee is logged in and does not have assigned work | None | System displays an empty calendar |
| TC-EM7 | EM-04 | View schedule | Employee is logged in but there is an internal error | None | System displays a message that something went wrong |
| TC-EM8 | EM-05 | Set availability | Employee is logged in | None | System displays a message that changes are reflected in the database |
| TC-EM9 | EM-06 | View auto-schedule | Employee is logged in | None | System factors in the employee’s availability to set work shifts |