Version 1 - Tested by: Rafe Keirstead

**Sprint 1**

Log In

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| **Test Case ID** | Login-1 |
| **Description** | Username does not exist |
| **Inputs** | Username = “Jello”, Password=”P@ssw0rd-“ |
| **Expected results** | MessageBox = “Username or password incorrect n attempts remaining” |
| **Actual Result** | MessageBox = “Username or password incorrect n attempts remaining” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-2 |
| **Description** | Password is incorrect |
| **Inputs** | Username = “admin”, Password= ”admin“ |
| **Expected results** | MessageBox = “Username or password incorrect n attempts remaining” |
| **Actual Result** | MessageBox = “Username or password incorrect n attempts remaining” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-3 |
| **Description** | User is locked |
| **Inputs** | Correct user and password on locked employee |
| **Expected results** | MessageBox = “Your account has been locked…” |
| **Actual Result** | MessageBox = “Your account has been locked…” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-4 |
| **Description** | User is inactive |
| **Inputs** | Correct user and password on inactive employee |
| **Expected results** | MessageBox = “..Contact admin..” |
| **Actual Result** | MessageBox = “..Contact admin..” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-5 |
| **Description** | 3 wrong attempts made to log in |
| **Inputs** | 3 incorrect password attempts |
| **Expected results** | MessageBox = “Your account has been locked…” |
| **Actual Result** | MessageBox = “Your account has been locked…” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-6 |
| **Description** | Correct username and password |
| **Inputs** | Username = “admin”, Password= ”P@ssw0rd-“ |
| **Expected results** | Main form opens |
| **Actual Result** | Main form opens |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-7 |
| **Description** | Forgot password is clicked |
| **Inputs** | Nil |
| **Expected results** | Forgot password form opens |
| **Actual Result** | Form opened |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Login-8 |
| **Description** | Default password must be changed on first log in |
| **Inputs** | Valid user first log in |
| **Expected results** | Forgot password form opens |
| **Actual Result** | Form opened |
| **Pass/Fail** | PASS |

Logout

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| **Test Case ID** | Logout-1 |
| **Description** | User is presented with login form when x is clicked |
| **Inputs** | Nil |
| **Expected results** | Log in form |
| **Actual Result** | Log in form |
| **Pass/Fail** | PASS |

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| **Test Case ID** | Logout-2 |
| **Description** | User is automatically logged out after 2 minutes |
| **Inputs** | Nil |
| **Expected results** | Log in form |
| **Actual Result** | Log in form |
| **Pass/Fail** | PASS |

Add User

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| --- | --- |
| **Test Case ID** | AddUser-1 |
| **Description** | Username autogenerated |
| **Inputs** | John Smith |
| **Expected results** | jsmith |
| **Actual Result** | Jsmith |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-2 |
| **Description** | Username autogenerated with 01 if already exists |
| **Inputs** | John Smith |
| **Expected results** | jsmith1 |
| **Actual Result** | Jsmith1 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-3 |
| **Description** | Password encrypted to be stored in db. |
| **Inputs** | Nil |
| **Expected results** | Encrypted password |
| **Actual Result** | Encrypted password |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-4 |
| **Description** | Email autogenerated |
| **Inputs** | John Smith |
| **Expected results** | jsmith@nbcc.ca |
| **Actual Result** | jsmith@nbcc.ca |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-5 |
| **Description** | Email autogenerated with 01 if already exists |
| **Inputs** | John Smith |
| **Expected results** | jsmith01@nbcc.ca |
| **Actual Result** | jsmith01@nbcc.ca |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-6 |
| **Description** | Default states set |
| **Inputs** | Valid new user |
| **Expected results** | Active = 1, locked = 0 |
| **Actual Result** | Active = 1, locked = 0 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | AddUser-7 |
| **Description** | Password meets requirements |
| **Inputs** | Valid new user |
| **Expected results** | Valid password |
| **Actual Result** | P@ssw0rd- |
| **Pass/Fail** | PASS |

Edit User

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| **Test Case ID** | EditUser-1 |
| **Description** | Password has no digit |
| **Inputs** | Jkddhfjdjh!?- |
| **Expected results** | Password error |
| **Actual Result** | Password error |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-2 |
| **Description** | Password has no letters |
| **Inputs** | 122332764-??- |
| **Expected results** | Password error |
| **Actual Result** | Password error |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-3 |
| **Description** | Password has no special character |
| **Inputs** | Jkddhfjdjh2373 |
| **Expected results** | Password error |
| **Actual Result** | Accepted |
| **Pass/Fail** | FAIL – NOT A REQUIREMENT |

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| **Test Case ID** | EditUser-4 |
| **Description** | Password is not at least 8 chars |
| **Inputs** | Jkd20?- |
| **Expected results** | Password error |
| **Actual Result** | Password error |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-5 |
| **Description** | Username and email follows format |
| **Inputs** | John Smith |
| **Expected results** | User = “jsmith”, Email=”jsmith@nbcc.ca” |
| **Actual Result** | User = “jsmith”, Email=”jsmith@nbcc.ca” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-6 |
| **Description** | No position selected |
| **Inputs** | Position = null |
| **Expected results** | Position not selected error |
| **Actual Result** | Must select one from cmb |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-7 |
| **Description** | No site selected |
| **Inputs** | Site = null |
| **Expected results** | Site not selected error |
| **Actual Result** | Must select one from cmb |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditUser-8 |
| **Description** | Employee ID editable |
| **Inputs** | 1001 |
| **Expected results** | Unable to modify ID |
| **Actual Result** | Unable to modify |
| **Pass/Fail** | PASS |

Delete User

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| --- | --- |
| **Test Case ID** | DeleteUser-1 |
| **Description** | User changed to inactive in DB |
| **Inputs** | Nil |
| **Expected results** | Active = 0 |
| **Actual Result** | Active = 0 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | DeleteUser-2 |
| **Description** | User unable to log in … SEE login-4 |
| **Inputs** | jsmith |
| **Expected results** | “Unable to log in” |
| **Actual Result** | “Unable to log in” |
| **Pass/Fail** | PASS |

Read User

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| --- | --- |
| **Test Case ID** | ReadUser-1 |
| **Description** | Users populated in DGV when refreshed selected or on initial page load |
| **Inputs** | Refresh Button |
| **Expected results** | Employees populated with valid data |
| **Actual Result** | Employees populated with valid data |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ReadUser-2 |
| **Description** | Employees password is not visible in dgv |
| **Inputs** | Refresh Button |
| **Expected results** | Employees password not visible |
| **Actual Result** | Employees password field not present |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ReadUser-3 |
| **Description** | Only admin has the ability to delete edit and add users |
| **Inputs** | Refresh Button |
| **Expected results** | CRUD buttons disabled |
| **Actual Result** | CRUD buttons disabled |
| **Pass/Fail** | PASS |

Set User Permissions

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| **Test Case ID** | UserPermissions-1 |
| **Description** | Employees populate dgv |
| **Inputs** | Refresh, or initial page load |
| **Expected results** | Employees data in dgv |
| **Actual Result** | Employees data in dgv |
| **Pass/Fail** | PASS |

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| **Test Case ID** | UserPermissions-2 |
| **Description** | Selected employee populates edit position fields |
| **Inputs** | jsmith, edit button |
| **Expected results** | jsmith, Warehouse Employee |
| **Actual Result** | jsmith, Warehouse Employee |
| **Pass/Fail** | PASS |

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| **Test Case ID** | UserPermissions-3 |
| **Description** | Selected employee is updated in db |
| **Inputs** | jsmith, Warehouse Supervisor |
| **Expected results** | jsmith, Warehouse Supervisor |
| **Actual Result** | jsmith, Warehouse Supervisor |
| **Pass/Fail** | PASS |

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| **Test Case ID** | UserPermissions-4 |
| **Description** | No position selected for employee position |
| **Inputs** | jsmith, Null |
| **Expected results** | Error “Please select position” |
| **Actual Result** | Impossible to not select |
| **Pass/Fail** | PASS |

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| **Test Case ID** | UserPermissions-5 |
| **Description** | DGV refreshed after employee update |
| **Inputs** | jsmith, Financial Manager |
| **Expected results** | DGV reflects inputs |
| **Actual Result** | DGV reflects inputs |
| **Pass/Fail** | PASS |

Change Password

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| **Test Case ID** | ChangePassword-1 |
| **Description** | Passwords plain text when selected |
| **Inputs** | Eye button |
| **Expected results** | Password changes to plain text |
| **Actual Result** | Password changes to plain text |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-2 |
| **Description** | No user selected to change password |
| **Inputs** | Save Button |
| **Expected results** | “Please select a user” |
| **Actual Result** | “Please select a user” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-3 |
| **Description** | Password doesn’t have 8 chars |
| **Inputs** | Dff5? |
| **Expected results** | “Password must have at least 8 chars” |
| **Actual Result** | “Password must have at least 8 chars” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-4 |
| **Description** | Passwords has no capitol |
| **Inputs** | djdhfhf8?343 |
| **Expected results** | “Password must have a capitol” |
| **Actual Result** | “Password must have a capitol” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-5 |
| **Description** | Password has no digit |
| **Inputs** | Dfsf??sdfdsfs |
| **Expected results** | “Password must have a digit” |
| **Actual Result** | “Password must have a digit” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-6 |
| **Description** | Password has no letters |
| **Inputs** | 332472347934?!! |
| **Expected results** | “Password must have a letter” |
| **Actual Result** | “Password must have a letter” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-7 |
| **Description** | Password has no special char |
| **Inputs** | Edjfskjdhf768 |
| **Expected results** | “Password must have special char” |
| **Actual Result** | Changed |
| **Pass/Fail** | FAIL – BUT NOT A SPEC |

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| **Test Case ID** | ChangePassword-8 |
| **Description** | Auto-Generated password conforms to password requirements |
| **Inputs** | Auto Generate button |
| **Expected results** | Password changed |
| **Actual Result** | Password changed |
| **Pass/Fail** | PASS |

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| **Test Case ID** | ChangePassword-9 |
| **Description** | Password hashed in db |
| **Inputs** | Djhfjsdj875?-d |
| **Expected results** | Password hashed in db |
| **Actual Result** | Hashed in db |
| **Pass/Fail** | PASS |

Edit Items

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| --- | --- |
| **Test Case ID** | EditItems-1 |
| **Description** | Double click on item opens edit item form |
| **Inputs** | Double click |
| **Expected results** | Edit Item form open |
| **Actual Result** | Edit Item form open |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-2 |
| **Description** | Item clicked populates data fields on edit form correctly |
| **Inputs** | Double click - Super Tacks AS1 |
| **Expected results** | Super Tacks AS1 data |
| **Actual Result** | Super Tacks AS1 data |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-3 |
| **Description** | Description field is updated properly in db on save |
| **Inputs** | “single pair of skates” |
| **Expected results** | “single pair of skates” |
| **Actual Result** | “single pair of skates” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-4 |
| **Description** | Notes field is updated properly in db |
| **Inputs** | “Discontinued” |
| **Expected results** | “Discontinued” |
| **Actual Result** | “Discontinued” |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-5 |
| **Description** | Description field length does not exceed db limits |
| **Inputs** | Sdfsadfasdfsdafdsfasdfsdfdsfdsafasd + (300 more chars) |
| **Expected results** | Text box limits chars to 255 |
| **Actual Result** | Text box limits chars to 255 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-6 |
| **Description** | Notes field length does not exceed db limits |
| **Inputs** | Sdfsadfasdfsdafdsfasdfsdfdsfdsafasd + (300 more chars) |
| **Expected results** | Text box limits chars to 255 |
| **Actual Result** | Text box limits chars to 255 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-7 |
| **Description** | OFD only allows selection of picture files that picbox supports |
| **Inputs** | Change button |
| **Expected results** | .bmp, .gif, .jpg, .jpeg, .png, .tif, .tiff, .wmf, .emf |
| **Actual Result** | .bmp, .gif, .jpg, .jpeg, .png, .tif, .tiff, .wmf, .emf |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-8 |
| **Description** | Selected desired picture updates file name in db, with no path |
| **Inputs** | patins-ccm-jetspeed-ft1-senior.jpg |
| **Expected results** | patins-ccm-jetspeed-ft1-senior.jpg |
| **Actual Result** | patins-ccm-jetspeed-ft1-senior.jpg |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-9 |
| **Description** | Selected desired picture updates in edit item pic box |
| **Inputs** | patins-ccm-jetspeed-ft1-senior.jpg |
| **Expected results** | Skate picture |
| **Actual Result** | Skate Picture |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-10 |
| **Description** | Active checkbox disableds item when deselected |
| **Inputs** | chkBox deselected |
| **Expected results** | Active = 0 |
| **Actual Result** | Active = 0 |
| **Pass/Fail** | PASS |

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| --- | --- |
| **Test Case ID** | EditItems-11 |
| **Description** | Active checkbox enables item when selected |
| **Inputs** | chkBox selected |
| **Expected results** | Active = 1 |
| **Actual Result** | Active = 1 |
| **Pass/Fail** | PASS |

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| **Test Case ID** | EditItems-12 |
| **Description** | Picture and changes are reflected when the edit form is closed and reopened |
| **Inputs** | Super Tacks A1 |
| **Expected results** | Saved Data |
| **Actual Result** | Saved Data |
| **Pass/Fail** | PASS |