**Test Plan Document**

**System Name:** Sign-In & Sign-Up Desktop Application

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| **System Use cases:** | 1. Check the Login functionality 2. Check the Registration functionality 3. Check the Forget Password functionality 4. Check the Retrieve Profile Info functionality |

**Test case1:** Check the Login functionality

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| **LOG01** | User enter username & password correctly | 1. Insert username 2. Insert password 3. Click-on “Sign In” | Username =” User1”  Password =” Pass#1” | User Sign in Successfully | As Expected | Pass |
| **LOG02** | User didn’t enter username & password correctly | 1. Insert username 2. Insert password 3. Click-on “Sign In” | Username =” DD8”  Password =” DD@” | User will not sign in Successfully | As Expected | Pass |
| **LOG03** | User enter username correctly & not correct password | 1. Insert username 2. Insert password 3. Click-on “Sign In” | Username =” User1”  Password =” Pass1” | User will not sign in Successfully | As Expected | Pass |
| **LOG04** | User enter username not correct & correct password | 1. Insert username 2. Insert password 3. Click-on “Sign In” | Username =” User”  Password =” Pass#1” | User will not sign in Successfully | As Expected | Pass |

**Test case2:** Check the Registration functionality

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| **REG01** | User enters correct:   1. username 2. password 3. Age 4. Gender 5. Phone number 6. City | 1. Insert username 2. Insert password 3. Insert age 4. Choose gender 5. Insert phone number 6. Choose city 7. Click-on “Sign Up” | Username =” User1”  Password =” Pass#1”  Age= 20  Gender = “Male”  Phone = “01034245781”  City = “Cairo” | User Sign Up Successfully | As Expected | Pass |
| **REG02** | User enters correct:   1. username 2. password 3. Age 4. Gender 5. Phone number 6. City | 1. Insert username 2. Insert password 3. Insert age 4. Choose gender 5. Insert phone number 6. Choose city 7. Click-on “Sign Up” | Username =” User1”  Password =” Pass1”  Age= 65  Gender = “Male”  Phone = “014578”  City = “Cairo” | User will not Sign Up Successfully | As Expected | Pass |

**Test case3:** Check the Forget Password functionality

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| **FP01** | User enters phone number correctly | 1. Insert user phone number 2. Insert new password 3. Confirm new password 4. Click-on “Update password” | User Phone number = “0103424578” | Password Updated Successfully | as Expected | fail |
| **FP02** | User didn’t enter phone number correctly | 1. Insert user phone number 2. Insert new password 3. Confirm new password 4. Click-on “Update password” | User Phone number = “014578” | Password will not be Updated Successfully | As Expected | Pass |

**Test case4:** Check the Retrieve Profile Info functionality

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| **UP01** | User profile Information Retrieved Successfully | 1. User Sign-in successfully 2. System shows all user information:  * Username * Password(masked) * Age * Gender * Phone number * City | -- | All User Info printed correctly | As expected | Pass |
| **UP02** | User profile Information didn’t Retrieved Successfully | 1. User Sign-in successfully 2. System shows all user information:  * Username * Password (not masked) * Age * Gender * Phone number * City | -- | User password is not masked | Not As Eepected | Fail |

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GOOD LUCK