| **REVISIONS** | | | |
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| **Rev. No** | **Description** | **Date** | **Person** |
| 0.1 | Creating the document with the test cases of Tarık.  Adding more test cases.  8 test cases in total. | 02.12.2023 | Aslı |

**TC\_REGISTER\_01 - Successful account creation:**

Description: The Visitor registers for a new account on Hungerger. Please refer to the requirement 2.2. The expected result is “PASS”.

Pre-conditions:

1. The Visitor has access to the webpage of the application.
2. The Visitor clicks on the “Create One” button.
3. The Visitor enters “Username”, which matches the standard.
4. The Visitor enters “Email”, which matches the standard.
5. The Visitor enters “Password”, which matches the standard.
6. The Visitor enters “Confirm Password”, which matches with the “Password”.
7. The Visitor clicks on the "Register" button.

Post-conditions:

1. The User is directed to the Login Page.
2. The User account has been successfully created.

Data required: Username, email address, and password.

**TC\_LOGIN\_01 - Successful login operation:**

Description: Verify login functionality by providing the right values to the Username and password. Please refer to the requirement 2.1. The expected result is “PASS”.

Pre-conditions:

1. The User has an account on the system.
2. The User has access to the webpage of the application.
3. The User enters the “Username” of their account correctly.
4. The User enters the “Password” of their account correctly.
5. The User clicks on the “Login” button.

Post-conditions:

1. The User accesses the application by seeing their Feed page.

Data required: Username, password.

**TC\_REGISTER\_02: Username already in use**

Description: If the Visitor tries to create an account with an existing username, the system prevents them from creating an account. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. There is an account with the same Username that the Visitor tries to reuse.
2. The Visitor has access to the webpage of the application.
3. The Visitor clicks on the “Create One” button.
4. The Visitor enters a “Username” that is the same with an existing one.
5. The Visitor enters “Email”, which matches the standard.
6. The Visitor enters “Password”, which matches the standard.
7. The Visitor enters “Confirm Password”, which matches with the “Password”.
8. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system displays a message indicating the problem and asks the Visitor to choose a different Username.

Data required:

1. One account with the same Username that the Visitor tries to recreate.
2. Username, email, password

**TC\_REGISTER\_03: Invalid Username**

Description: If the Visitor tries to create an account with an invalid Username (See Supplementary Requirement WC-3 for valid Usernames), the system prevents them from creating an account. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. The Visitor has access to the webpage of the application.
2. The Visitor clicks on the “Create One” button.
3. The Visitor enters an invalid “Username”.
4. The Visitor enters “Email”, which matches the standard.
5. The Visitor enters “Password”, which matches the standard.
6. The Visitor enters “Confirm Password”, which matches with the “Password”.
7. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system displays a message indicating the problem and asks the Visitor to choose a valid Username.

Data required:

1. An invalid Username
2. Email, password

**TC\_REGISTER\_04: Account exists**

Description: If the Visitor tries to create an account with an email in use, the system prevents it. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. There is an account with the same email that the Visitor tries to reuse.
2. The Visitor has access to the webpage of the application.
3. The Visitor clicks on the “Create One” button.
4. The Visitor enters “Username”, which matches the standard.
5. The Visitor enters “Email” the same as an existing one.
6. The Visitor enters “Password”, which matches the standard.
7. The Visitor enters “Confirm Password”, which matches with the “Password”.
8. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system displays a message indicating the problem.
3. The system asks the Visitor to use a different email address or check the password renewal option if they are a User of the system (See Supplementary Requirement WC-6 for password renewal).

Data required:

1. One account with the same email that the Visitor tries to reuse.
2. Username, email, password

**TC\_REGISTER\_05: Missing entry**

Description: If one of the account information is missing, the system prevents the Visitor from creating an account. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. The Visitor has access to the webpage of the application.
2. The Visitor clicks on the “Create One” button.
3. The Visitor left blank one of the entries.
4. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system shows a message that indicates the name of the missing entry and asks the Visitor to complete it.

Data required: None.

**TC\_REGISTER\_06: Invalid password**

Description: If the Visitor enters an invalid password (See Supplementary Requirement WC-5 for valid passwords), the system prevents them from creating an account. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. The Visitor has access to the webpage of the application.
2. The Visitor clicks on the “Create One” button.
3. The Visitor enters a “Username”, which matches the standard.
4. The Visitor enters “Email”, which matches the standard.
5. The Visitor enters an invalid “Password”.
6. The Visitor enters “Confirm Password”, which matches with the “Password”.
7. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system shall display a message indicating the accepted password properties.
3. The Visitor has no access to the application interface for registered Users..

Data required:

1. An invalid-type password
2. Username, email.

**TC\_REGISTER\_07: Passwords do not match**

Description: If the Visitor enters two different passwords when creating an account, the system prevents them from creating an account. The expected result is “FAIL” since we did not implement the verification part.

Pre-conditions:

1. The Visitor has access to the webpage of the application.
2. The Visitor clicks on the “Create One” button.
3. The Visitor enters a “Username”, which matches the standard.
4. The Visitor enters “Email”, which matches the standard.
5. The Visitor enters a valid “Password”.
6. The Visitor enters “Confirm Password”, which does not match the “Password”.
7. The Visitor clicks on the "Register" button.

Post-conditions:

1. The system does not create an account.
2. The system shall display a message indicating the problem.
3. The Visitor has no access to the application interface for registered Users.

Data required:

1. Two different passwords.
2. Username, email.

**Supplementary Requirements:**

[SpReq: WC-1]: The account information contains Username, email, password, and password confirmation.

[SpReq: WC-2]: The identity verification is done by the system sending an email to the Visitor where the Visitor can follow the steps regarding verification.

[SpReq: WC-3]: The character length of the Username should be between 5-10 characters. The Username shall only contain letters and digits, with at least one letter.

[SpReq: WC-4]: The character length of the name should be between 5-15 characters. The name shall only contain letters.

[SpReq: WC-5]: A valid password must be at least eight characters long and contain at least one upper-case letter, one lower-case letter, one digit, and one Supplementary character.

[SpReq: WC-6]: For the password renewal, the system sends the User to a link that allows them to reset their password.