Test plan document: bike4share

Maffioli Sara, Papale Lorenzo,
Stucchi Lorenzo & Vaghi Federica

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1 User Registration

1.1 Introduction

The test is done to test the function of the registration form for a normal user of the "bike4share" webapp.

1.2 Test Items

- Registration form on the page /register

1.3 Features to be Tested

- The registration is done only if the username the password and the e-mail address are written
- The registration doesn't works for an already existed username or an already existed e-mail address

1.4 Features Not to Be Tested

- A minimum number of charter for username and password is not required.
- the domain of the e-mail

1.5 Approach

- The test is done manually. And the different combination described into the schedule are done.

1.6 Item Pass/Fail Criteria

- The test is passed if only the user with a new username, a password and an not already used e-mail is registered into the database of bike_users and the user is registrated with user_type equal to u (normal user).

1.7 Schedule

- The form is filled without putting a password. Only username "test 1" and a not already existed e-mail address are filled.
- The form is filled without putting a username. Only password "testpa" and a not already existed e-mail address are filled.
- The form is filled with username "test 1" and password "testpa" and an not already existed e-mail address.
- The form is filled with an existing username " test1" .
- The form is filled with an already existed e-mail address.

1.8 Final State

- The test is done manually and all the features tested works.

2 Technician Registration

2.1 Introduction

The test is done to test the function of the registration form for a technician user of the "bike4share" web application.

2.2 Test Items

- Registration form on the page /tec_reg

2.3 Features to be Tested

- The registration is done only if the secret code, the username the e-mail and the password are written and the secret code, the username and the e-mail are not used yet.
- The registration doesn't works for an already used secret code, an existed username and or an existed e-mail address

2.4 Features Not to Be Tested

- A minimum number of character for username and password is not required.

2.5 Approach

- The test is done manually. And the different combination described into the schedule are done.

2.6 Item Pass/Fail Criteria

- The test is passed if only the user with an never used secret code, a new username, a new e-mail address and a password is registered into the database of bike_users, the user is registered with user_type equal to t (technician user) and the secret code is deleted from the database secret_key.

2.7 Schedule

- The form is filled without putting a secret code. Only username "tec1", password "tecpa" and a not existing e-mail address.

- The form is filled without putting a password. Only secret code, username "tec1"and not existing e-mail address.
- The form is filled without putting a username. Only secret code password "tecpa"and a not existing e-mail address
- The form is filled without an e-mail address. Only secret code, username "tec1" and password "tecpa".
- The form is filled with an existing username " test1".
- The form is filled with an invented secret code.
- The form is filled with an already used secret code.
- The form is filled with an existing e-mail address

2.8 Final State

- The test is done manually and all the features tested works.

3 Forgot Password

3.1 Introduction

The test is done in order to test the function of Forgot Password form for any kind of user of the "bike4share" webapp.

3.2 Test Items

- Forgot Password form on the page /forgotpassword

3.3 Features to be Tested

- The request for the Forgot Password is successfully complete only if the user receive an email with a specific code that will be used in the Set New Password form.

3.4 Features Not to Be Tested

- A minimum number of character for the e-mail address is not required.
- The domain of the e-mail

3.5 Approach

- The test is done manually. And the different combination described into the schedule are done.

3.6 Item Pass/Fail Criteria

- The test is passed if the user receive an e-mail with the code and that code is registered into the database of password_recovery.

3.7 Schedule

- The form is filled with an not existing e-mail
- The form is not filled

3.8 Final State

- The test is done manually and all the features tested works.

4 Set New Password

4.1 Introduction

The test is done in order to test the function of the Set New Password form for any kind of user of the "bike4share" webapp.

4.2 Test Items

- Set New Password form on the page/set_new_password

4.3 Features to be Tested

- The new password is set only if the username and the code sent by email to the user are written and the code is corrected.
- The Set New Password procedure doesn't works for an incorrect username or code

4.4 Features Not to Be Tested

- A minimum number of character for username and the new password is not required.
- the identity between the new and the old password is not checked.

4.5 Approach

- The test is done manually. And the different combination described into the schedule are done.

4.6 Item Pass/Fail Criteria

- The test is passed if the user with the code received by email and the correct username is able to set a new password and it is registered into the database of bike_users, the new password is registered in the user_password column instead of the old one and the code received by email is deleted from the database password_recovery.

4.7 Schedule

- The form is filled without putting the received code. Only username "user1" and new password "user1pa" are inserted.
- The form is filled without putting the new password. Only received code and username "user1"are inserted.
- The form is filled without putting the username. Only received code and password "user1pa" are inserted.
- The form is filled with received code, username "user1" and password "user1pa".
- The form is filled with an not existing username "test".
- The form is filled with an invented code.

4.8 Final State

- The test is done manually and all the features tested works.