Functional Specification

V 1.1

Training

Components: Login, Dashboard and Create transactions

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Introduction

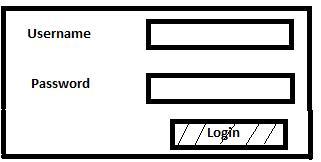
This specification describes the part of the “Online bills payment” project that is related to the Login, Dashboard and Create transactions.

Requirements

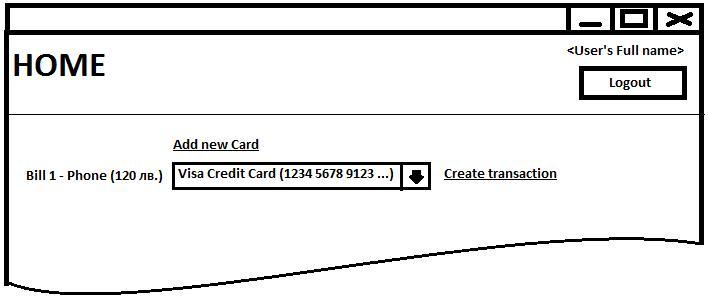
1. When a user goes to <http://www.onlinebillsExercise.com> he/she will see the login page with Username, Password and Login buttons
2. Documentation of Create New Registration will be delivered later
3. For valid credentials the user can use:  
   username: testuser and password: TestUser1
4. When a user provides wrong password or username, a red colored message: “Wrong password or username!” appears
5. When a user provides a blank password or username, a red colored message:  
    ”A blank password or username is provided!” appears
6. When the login is successful, the user is redirected to the Homepage.   
   See the mockup for more details.
7. When a user clicks Create transaction, a confirmation window with OK and Cancel buttons appears
8. When OK button is clicked, a green message: “The transaction is completed” appears
9. When Cancel button is clicked, the confirmation window is closed, and the user is redirected to the Homepage
10. There is a dropdown list with predefined options of choosing a card already registered from the user
11. When the user clicks Logout, a confirmation window appears.
12. When the user clicks OK to confirm logout, its session is killed, and the user is redirected to the login page.
13. When the user clicks Cancel to reject the logout, he is landed back to the last visited page
14. The http://www.onlinebillsExercise.com website should support 2000 concurrent users
15. The homepage should be loaded for less than 3 sec for less than 1000 users and 5 sec for more than 1000 users
16. The username field on the login page should accept up to 30 symbols
17. Due to the market needs the website should be available for the Arabic regions and during the user registration process Arabic alphabet symbols are acceptable
18. The website should support IE 10.0, Firefox 26.0, 27.0 and the latest version and Chrome latest versions
19. Until the user is logged in the system, the login with the same username from a different machine/browser is not allowed. The session time for each user is 20 min.
20. If the user is not logged in, he cannot access the other pages of the site
21. If during the transaction creation a network/system failure appears the transaction will be reverted.
22. Once a new user is created, a record in the website DB, table Users is created. The record should include the following information: username, password, email, mobile phone, create date
23. When a transaction is successfully completed, SMS will be sent to the mobile number of the user

Wireframe diagram

Login form



Home page



Confirmation dialog

