

# Functional Specification

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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

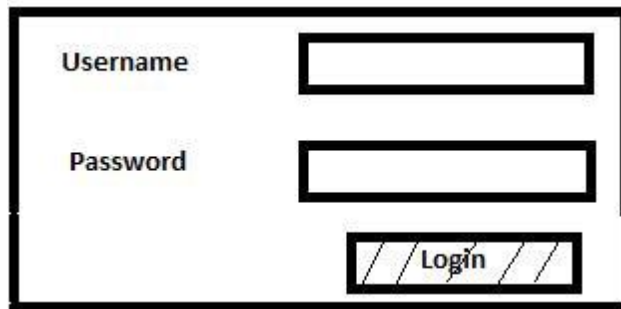
1. When user go to <http://www.onlinebillsExercise.com> he will see the login page with Username, Password and Login button
2. A documentation of Create New Registration will be delivered later
3. For valid credentials the user can use username: testuser and password: TestUser1
4. When a user provide a wrong password or username a red colored message: "Wrong password or username!" appears
5. When a user provide a blank password or username a red colored message: "A blank password or username is provided!" appears
6. When password login successfully he is redirected to the Homepage. See the mockup for more details.
7. When user click on 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 user is turned back 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 different machine/browser is not allowed. The session time for each user is 20 min.
20. If user is not logged he cannot access the other pages of the site
21. If during the transaction creation a network/system failures appear the transaction will be reverted.
22. Once 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 send to the mobile number of the user

## Wireframe diagram

Login form



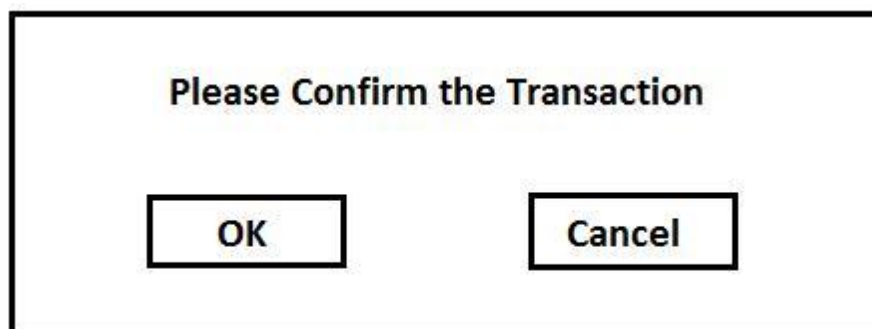
A wireframe for a login form. It consists of a rectangular container with a thick border. Inside, the label "Username" is positioned to the left of a rectangular input field. Below this, the label "Password" is to the left of another rectangular input field. At the bottom center, there is a button with a diagonal hatching pattern and the text "Login" in the center.

Home page



A wireframe for a home page. It features a header bar with a title "HOME" on the left and a user profile section on the right containing the text "<User's Full name>" and a "Logout" button. Below the header, there is a section with a link "Add new Card". Underneath, the text "Bill 1 - Phone (120 лв.)" is followed by a card selection interface: a text box containing "Visa Credit Card (1234 5678 9123 ...)" with a dropdown arrow, and a "Create transaction" link.

Confirmation dialog



A wireframe for a confirmation dialog. It is a rectangular box with a thick border. At the top, it contains the text "Please Confirm the Transaction". Below this text, there are two buttons: "OK" on the left and "Cancel" on the right.