## **4.1 Use Cases**

#### 4.1.1 Functional requirement 1.1

**ID: FR1**

TITLE: Home Page Unregistered User

DESC:

GIVEN that a user loads the Blog address,

THEN the user should be able to view the Home Page.

AND Home Page displays Articles with Titles, part of the Body text and Author.

AND The Articles are ordered by Date, latest articles on top of the page.

AND The Home Page should have header with Link Text “Softuni Blog” on the left side, which should lead to the Home Page and “Register” and “Log in” buttons on the right side.

AND The Home Page should have footer with text for the Blog Producer.

RAT: In order unregistered user to see the Home Page

DEP: None

#### 4.1.2 Functional requirement 1.2

**ID: FR2**

TITLE: User Registration

DESC:

GIVEN that an unregistered user loads the Blog address,

WHEN The user clicks on the “Log in” button on the header.

THEN Registration page should load

AND the user must provide e-mail, full name, password and has to confirm the created password in different fields.

AND All fields should be mandatory.

THEN the user should be able to register.

RAT: In order for a user to register on the blog.

DEP: None

#### 4.1.3 Functional requirement 1.3

**ID: FR3**

TITLE: User Log-In

DESC:

GIVEN that a registered user loads the Blog Address

WHEN the user clicks on the” Log in” button on the header.

THEN Logging in page should load.

AND The log in page should contain “Email” and “Password” fields, “Log in” button and “Remember me” check box.

WHEN user checks the “Remember me” button,

AND the user visits the site again,

THEN the log in credentials should be automatically filled in.

RAT: In order for a user to log in.

DEP: The user is registered

#### 4.1.4 Functional requirement 1.4

**ID: FR4**

TITLE: Home Page Registered User

DESC:

GIVEN that a registered user loads the Blog Address

WHN logging in with valid credentials

THEN the user should be able to view Home Page.

AND Home Page should display Articles with Titles, part of the Body text and Author.

AND The Articles are ordered by Date, latest articles on top of the page.

AND The Home Page should have header with Link Text “SoftUni Blog” on the left side,

AND the Link should lead to the Home Page.

AND On the right side of the header there should be “Create” button, which leads to a “Create article” page,

AND “Greetings” link with text “Hello [user email]!”, which leads to “Manage” page, where user can change his/her password,

AND “Log out” button, which should load “Home Page” for unregistered users.

AND The Home Page should have footer with text for the Blog Producer.

RAT: In order for a registered user to see the Home Page

DEP: The user is registered

#### 4.1.5 Functional requirement 1.5

**ID: FR5**

TITLE: Change Password

DESC:

GIVEN that a registered user loads the Blog Address

WHEN logging in with valid credentials

AND The user clicks on the “Greetings” link on the header

THEN the “Manage” page should be loaded.

WHEN The user clicks on “Change your password” button

THEN “Change Password” page should load.

AND On the “Change Password” page there should be 3 mandatory fields:

* “Old Password”
* “New Password”
* “Confirm new Password”

AND “Change password” button.

WHEN the user fills all fields with valid credentials

AND clicks on “Change password” button,

THEN the user should be redirect back to the “Manage” page

AND appropriate message that the password is successfully changed should appear.

RAT: In order registered user to see change his password.

DEP: The user is registered

#### 4.1.6 Functional requirement 1.6

**ID: FR6**

TITLE: Create Article

DESC:

GIVEN that the user is registered and logged in to the blog.

WHEN the user clicks on the “Create” button

THEN the “Create” page should load.

AND “Create” page should contain “Author” and “Content” fields and “Cancel” and “Create” buttons.

AND Both fields should be mandatory.

AND “Cancel” button should lead to the “Home Page” without saving and posting any new article.

AND “Create” button should lead to the “Home Page’, where the new article should be posted.

RAT: In order for a registered user to create article.

DEP: The user is registered

#### 4.1.7 Functional requirement 1.7

**ID: FR7**

TITLE: Article Page

DESC:

GIVEN that the user loads the Home Page,

THEN he/she is able to view all articles.

WHEN the user clicks on each article in order to read the full text.

THEN the “Article” page should contain the Title of the article,

AND the body of the article

AND Author of the article on the bottom left corner.

AND On the bottom right corner of the article there should be three buttons:

* “Edit”- If the user is registered and logged in, he/she should be able to edit his/her own articles. If the user is registered and logged in and tries to edit the article of another author, a proper message that he/she doesn’t have permission to edit articles of other authors should be displayed. If the user is not registered and clicks on “Edit” button, the log in page should be loaded.
* “Delete” - If the user is registered and logged in, he/she should be able to delete his/her own articles. If the user is registered and logged in and tries to delete the article of another author, a proper message that he/she doesn’t have permission to delete articles of other authors should be displayed. If the user is not registered and clicks on “Delete” button, the log in page should be loaded.
* “Back” button, which should lead to the “Home Page”

RAT: In order for a user to read, edit and delete articles.

DEP:

#### 4.1.8 Functional requirement 1.8

**ID: FR8**

TITLE: Edit Article Page

DESC:

GIVEN that the user is registered and logged in to the blog.

THEN the user should be able to edit his own articles.

WHEN The user opens “Article” Page on his/her own article,

AND the user clicks “Edit” button on the bottom of the article.

THEN “Edit Article” page should be loaded with fields “Author” and “Content”, where the user can make changes.

AND Under the fields, there should be two buttons:

* „Cancel”, which loads the “Home Page” without any changes,
* “Edit”, which loads the “Home Page”, where the changes are visible.

RAT: In order for a user to edit articles.

DEP: The user is registered, logged in and has his/her own articles.

#### 4.1.9 Functional requirement 1.9

**ID: FR9**

TITLE: Delete Article Page

DESC:

GIVEN that the user is registered and logged in to the blog.

THEN the user should be able to delete his/her own articles.

WHEN The user opens “Article” Page on his/her own article,

AND the user clicks “Delete” button at the bottom of the article.

THEN “Delete Article” page should be loaded with fields “Author” and “Content”, which are not active for making changes.

AND Under the fields, there should be two buttons:

* „Cancel”, which loads the “Home Page” without any changes,
* “Delete”, which loads the “Home Page”, where the article is not visible anymore.

RAT: In order for a user to delete articles.

DEP: The user is registered, logged in and has his/her own articles.