[SM-1] Web Application Authentication

Created: 13/Jun/24 3:57 PM - Updated: 13/Jun/24 8:22 PM

Status:	In Progress
Project:	Simartis Project
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Medium
Reporter:	George-Marian Lupu	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Original Estimate:	Not Specified		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Agile	
Sprint:	SM Sprint 1

Description

As a user, I want to securely authenticate into the web application so that I can access my account and use the services provided.

Acceptance Criteria:

1. **Login Window**
   - The login window will contain the following fields and buttons:
     - "UserName" field
     - "Password" field
     - "Send Password" button
     - "Login" button
     - "Change phone number" button

1. **Authentication Process**
   - The authentication process will involve entering the "UserName" and a password received via SMS from the authentication server.

1. **Send Password Button**
   - When the "Send Password" button is pressed:
     - The validity of the "UserName" will be checked.
     - If valid, a randomly generated password will be sent via SMS to the phone number associated with the entered "UserName".
     - The "Send Password" button will become inactive after being pressed and will only become active again upon page reload.
     - If the "UserName" does not exist in the database, an error message will be displayed: "Utilizator inexistent".

1. **Login Button**
   - When the "Login" button is pressed:
     - The validity of the password entered in the "Password" field will be checked.
     - If valid, the user will be authenticated into the application.
     - If invalid, an error message will be displayed: "Parola invalida".
     - Both "UserName" and "Password" fields must not be null.
     - The "Password" field must contain both alphanumeric characters (secure password).
     - The password is valid for 3 minutes from the moment it is generated.

- If a new password is requested for the same "UserName" within the validity period, the previously requested password will expire, and the validity period will apply to the latest generated password.

1. **Change Phone Number**
   - The "Change phone number" button will navigate to a page that allows changing the phone number (MSISDN) associated with the entered "UserName".
   - The page will contain the following fields and buttons:
     - "Enter new number" field
     - "Password" field
     - "Send Password" button
     - "Save new number" button
   - When the "Send Password" button is pressed on this page:
     - A password will be sent to the new phone number (similar to the authentication process).
   - After entering the received password and pressing the "Save new number" button:
     - A notification SMS will be sent to the new number.
     - The "UserName" will now be associated with the new phone number for future password deliveries.
   - The "Enter new number" field must:
     - Contain only numeric characters.
     - Have a maximum of 10 characters.
     - Begin with the prefixes: 078 or 079.
   - To prevent misuse, a captcha module (case-sensitive) will be present on the phone number change page.

Links			
Relates			
relates to	SM-2	Login Page - TEST SET	Done
relates to	SM-23	Change Phone Number Page - TEST SET	Done