

# WEB-SYNDIC

## Web System for Demonstrating the Syntactic Algorithms for Solving Linear Equations in Nonnegative Integers (Nonnegative Linear Diophantine Equations)

TEST COLLECTION  
Iteration 2.0 (started August 2004)

Department of Computer Science, Petrozavodsk State University, Russia

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### 1 Passwords encryption

**Description:** All user passwords are encrypted before saving them in the Data store.

**Type of test:** Functional, acceptance.

**Precondition:**

- For Log in encryption test case Log in form should be opened.
- For Register encryption test case Register form should be opened.

**Testing:**

- Log in encryption

- User Actions:** The user types a Nickname in Log in form.  
The user types a Password in Log in form.  
The user clicks Log in button in Log in form. **Expected Outcome:** The user password is encrypted and checked with encrypted password in the Data store.  
The user is returned as logged user.

#### 2. Register encryption

- User Actions:** The user clicks Register link in Log in form.  
The user fills all necessary fields for registration.  
The user clicks Register button in Registration form. **Expected Outcome:** The user password is saved in the Data store in hte encryption view.  
The user is successfully registered.

**References:**

- “User passwords” (A.11)

### 2 Password checking

**Description:** User password is checked when a user modified or remove user profile.

**Type of test:** Functional, acceptance.

**Precondition:**

- For all test cases User profile form of logged user should be opened.

**Testing:**

#### 1. New user password

- User Actions:** The user clicks Change password button in the User password form.  
**Expected Outcome:** “Password required” message will be returned.
- User Actions:** The user fills right passwords in the New password and Re-type new password text fields and types wrong old password in the Old password text field in the User password form. **Expected Outcome:** “Old password does not match” message will be returned.
- User Actions:** The user fills right passwords in the New password and Re-type new password text fields and types right old password in the Old password text field in the User password form. **Expected Outcome:** “User profile is updated successfully” message will be returned.

## 2. Remove account

- (a) User Actions: The user clicks Remove account button in the **Remove account** form.  
Expected Outcome: “Old password does not match” message will be returned.
- (b) User Actions: The user fills wrong password in the Old password text field in the **Remove account** form. Expected Outcome: “Old password does not match” message will be returned.
- (c) User Actions: The user fills right password in the Old password text field in the **User password** form. Expected Outcome: “User \_\_ has been removed” message will be returned.

## 3. System administrator

- (a) User Actions: The user is logged in the web-system as system administrator.  
The user clicks Manage users link in the **User menu**.  
The user types a Nickname of the existing user and clicks Get profile button in the **Manage users** form. Expected Outcome: User information page with forms without “Old password” text fields will be returned.

## 4. Manage the anonymous user

- (a) User Actions: The user is logged in the web-system as system administrator.  
The user clicks Manage users link in the **User menu**.  
The user types a “anonymous” in the Nickname text field and clicks Get profile button in the **Manage users** form. Expected Outcome: User information page with only User information form will be returned.

## References:

- “User passwords” (A.11)