

Product Documentation

TestY - Elevating Boredom to an Entertaining Experience

1. Product Overview

This web application allows users to:

- Register and log in
- Manage their profile and avatar
- Participate in a forum
- Complete interactive tests and view results

The application is designed to be simple, intuitive, and secure.

2. User Roles

Regular User

- Register and log in

Logged in User

- Edit profile information
- Upload avatar
- Create forum posts
- Complete tests and view results

Administrator

- All regular user features
- Comment on forum posts
- Promote other users to admin role
- Manage users via admin panel

3. Registration and Login

- Users register with a username, email, and password.
- Passwords must contain at least 8 characters.
- Login is secured with CSRF protection.
- Incorrect login attempts display error messages.

4. User Profile

- Users can view their profile information.
- Avatar upload is supported (PNG/JPG/JPEG).
- Uploaded avatars are validated and securely stored.
- Users can update username and password.

5. Forum

- All users can read forum posts.
- Only logged-in users can create new posts.
- Admin users can add official comments to posts.
- Posts are displayed in chronological order.

6. Tests and Results

- Users can select and complete available tests.
- Each test consists of multiple questions.
- Answers determine the final result.
- Results may include text and images.
- Some tests may redirect to external or internal result pages.

7. Navigation

The main navigation menu includes:

- Home
- Forum
- Profile / Login
- Admin panel (admins only)

8. Security and Privacy

- User sessions are protected.
- Passwords are never stored in plain text.
- CSRF protection prevents unauthorized form submissions.
- Only authorized users can access restricted areas.