Use Case Specification – Testify Project

This document details the main use cases for the Testify online testing platform.

## UC-01: Register Account

Actor: Student

Pre-condition: User is not registered.

* Main Flow:
* User accesses the registration page.
* User fills out the form with email, name, and password.
* System validates and stores the new account.
* System redirects user to login or dashboard.

Post-condition: User account is created.

## UC-02: Take a Test

Actor: Student

Pre-condition: User is logged in and has an available test.

* Main Flow:
* User navigates to 'Available Tests'.
* User selects a test and clicks 'Start'.
* System loads questions and starts timer.
* User submits answers for each question or section.
* User finishes test and clicks 'Submit'.
* System saves the submission and calculates score.

Post-condition: Test is submitted and score is stored.

## UC-03: Create New Test

Actor: Test Creator

Pre-condition: User is logged in and has creator privileges.

* Main Flow:
* User clicks 'Create Test'.
* User enters title, description, and time limit.
* User adds sections and questions (with optional images).
* User clicks 'Save' or 'Publish'.
* System validates and stores the test.

Post-condition: Test is created and optionally published.

## UC-04: View Submission Detail

Actor: Student

Pre-condition: User has completed a test.

* Main Flow:
* User goes to 'My Submissions'.
* User selects a test submission.
* System displays answers, score, and correct/incorrect feedback.

Post-condition: Submission details are shown to the user.

## UC-05: Manage Users

Actor: Admin

Pre-condition: User has admin privileges.

* Main Flow:
* Admin opens user management panel.
* Admin views list of users and filters by role/status.
* Admin updates role or deactivates a user.
* System saves the changes and updates user info.

Post-condition: User info is updated or access is changed.