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User Acceptance Test Plans

This document details what requirements will be tested and defines the user acceptance test cases for each requirement. Each user acceptance case will describe the data and the user activity that will be executed in order to verify that the requirement is functioning properly.

Requirements to be tested:

REQ1: Application shall teach computer science concepts through different modules courses.

Details: Modules will consist of the most basic concepts such as different variable types, data types, and data structures. Each module will also contain a quiz to concept check.

REQ3: Application shall support account registration for individual accounts with unique username and password.

Details: Will store each user information so that account is customizable and progress trackable.

REQ4: Application shall contain a member profile page

Details: This page will display user information such as name, birthday, and description.

REQ1 User Acceptance Case:

User will attempt to answer questions in a quiz and will be given feedback on progress

Action	Expected	Actual
User selects the correct answer in a quiz	Feedback is given indicating that the correct answer was chosen	"Correct" is displayed in green below the question
User selects the incorrect answer in a quiz	Feedback is given indicating that the incorrect answer was chosen.	"Wrong" is displayed in red below the question

REQ3 User Acceptance Case:

User will attempt to login to an account

Action	Expected	Actual
User attempts to login with correct username and password combination	User gains access to account	
User attempts to login with incorrect username and password combination	User is notified that this combination is not valid	
User attempts to login with username that does not exist in database	User is notified that an account does not exist with the given username.	

REQ4 User Acceptance Case:

User will attempt to navigate away from registration page

Action	Expected	Actual
User completes the member profile page (account registration) and all information is present.	User gains access to all the modules	
User does not complete the member profile page (account registration) and all information is not present.	User is unable to gain access to all the modules	