

Testing - US.1C

****Project Name:**** Generative Pre-trained Transformer (GPT) Web Application

****Test Document:**** Product Quality Assurance Testing for the semester 2 2023 delivery

****Test Date:**** [2023/10/12].

****Tester:**** [Chuansheng Zhou].

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****1. Introduction**

Product Quality Assurance testing is intended to ensure that GPT Web applications meet the design and performance requirements to satisfy customer needs and provide a superior user experience. This document will document the scope, methodology, test cases, and test plan for the test.

****2. Scope of Testing****

This test will cover the following areas:

Case ID	Objective	Description	Steps	Expected Result
TC_EA_01	To verify that a user can successfully edit their account information.	This test case ensures that a user can edit their account information, such as username, email address, or password, and that the changes are saved successfully.	<ol style="list-style-type: none">1. Log in to the user's account.2. Navigate to the account settings or profile page.3. Find and select the option to edit account information.4. Make the desired changes to the account information.5. Save the changes.	<ul style="list-style-type: none">• The account information should be successfully edited and updated in the system.• Any changes made should be reflected in the user's profile.
TC_EA_02	To verify that a user cannot edit their account information without providing the correct account password.	This test case ensures that the system requires the user to enter the correct account password to confirm changes to account information.	<ol style="list-style-type: none">1. Log in to the user's account.2. Navigate to the account settings or profile page.3. Find and select the option to edit account information.4. Make changes to the account information.5. Save the changes without entering the correct account password.	<ul style="list-style-type: none">• An error message should be displayed indicating that the password is required to confirm changes.• The changes to account information should not be saved.
TC_EA_03	To verify that a user can successfully update their email address.	This test case specifically focuses on updating the user's email address within the account.	<ol style="list-style-type: none">1. Log in to the user's account.2. Navigate to the account settings or profile page.3. Find and select the option to edit account information.4. Update the email address to a new valid email address.5. Save the changes.	<ul style="list-style-type: none">• The email address should be successfully updated in the user's account.• The user should receive a confirmation email at the new email address (if email verification is required).

TC_EA_04	To verify that a user can successfully change their password.	This test case focuses on allowing users to change their account password.	<ol style="list-style-type: none"> 1. Log in to the user's account. 2. Navigate to the account settings or profile page. 3. Find and select the option to change the account password. 4. Enter the current password. 5. Enter a new valid password. 6. Confirm the new password. 7. Save the changes. 	<ul style="list-style-type: none"> • The account password should be successfully updated to the new password. • The user should receive a confirmation (if applicable).
TC_EA_05	To verify that a user can successfully change their username.	This test case focuses on allowing users to change their account username.	<ol style="list-style-type: none"> 1. Log in to the user's account. 2. Navigate to the account settings or profile page. 3. Find and select the option to change the account username. 4. Enter the new desired username. 5. Save the changes. 	<ul style="list-style-type: none"> • The account username should be successfully updated to the new username. • The user's profile should display the new username.

3.Overall Test Methodology

This test will be conducted using the following methods:

- Manual Testing:The tester will manually execute the test cases and record the results.

4. Whole Test Plan

This test plan will include the schedule of the test, the test environment and the allocation of test resources.

- Test Environment: NA (Manual Testing)

- Test Resources: NA (Manual Testing)