**TEST PLAN FOR CERT PASS APP.**

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**Date:** 11/12/2024

**Project:** Test plan for Cert Pass.

**Overview:** To create a test plan for Cert Pass making sure all functionality is in working order.

**Scope:**

1. User registration and login
2. Profile creation and management
3. Course selection and enrollment
4. Progress tracking and analytics
5. Quizzing and practice exams
6. Certification exam preparation materials
7. Visual design and layout

**Team:** Tameka Grant QA and small group of IT professionals to test the app and provide feedback.

**Objective:** Ensure all features function correctly, such as navigation, search, and quiz functionality. Verify the accuracy of the study materials and practice questions. Identify and fix any bugs or errors that may impact the user experience.

**Goals:**

**Test strategy:** Manual Testing and User

**Testing environments**: Tablet, Mobile Device, Laptop/PC

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| --- | --- | --- | --- |
| **Device matrix** | **Platform** | **OS** | **browser Version** |
| Laptop / Mobile Device | Window 11 | Google Chrome | 11/10 |

* **Test cases:**

1. **User Registration and Login:** Users can create accounts and log in.
2. **Course Selection:** Users can browse and enroll in various certification courses.
3. **Study Material Access:** Users can access study materials, such as videos, PDFs, and practice questions.
4. **Quizzes and Practice Tests:** Users can take quizzes and practice tests to assess their knowledge.
5. **Progress Tracking:** Users can track their progress and review performance.
6. **Community Features:** Users can interact with other users through forums or chat rooms.

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Description** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC\_01 | Verify successful user registration | 1.Navigate to registration page.  2.Enter valid credentials. 3.Click Register. | User account is created successfully and logged in. | Easy registration and login | Pass |
| TC\_02 | Verify unsuccessful  user registration | 1. Navigate to registration page  2. Enter invalid email or password  3. Click Register. | Error message is displayed. | Correct Error Response | Pass |

Above is just a start of testing the Cert Pass App, being with registration.

**Test schedule:** Date: 11/12/2024 -1/12/2025 Time: 8am to 5pm

**Risks:** Device Compatibility and Performance Issues.

**What is your app called and what does it do?**

* **App Name:** Pass Cert
* **App Purpose**: To help IT professionals study and pass certifications.

**Who will use your app?**

* IT professionals who are working towards passing IT certifications.

Why did you create this app? I created this app to provide a one-stop solution for IT professionals to study and practice for their certifications. This eliminates the need for multiple books and technical programs, streamlining the study process.

**What do you hope to achieve by testing your app?**

* Ensure all features function correctly, such as navigation, search, and quiz functionality.
* Verify the accuracy of the study materials and practice questions.
* Identify and fix any bugs or errors that may impact the user experience.

**What parts of the app will you test?**

* **Core Features:** 
  + User registration and login
  + Profile creation and management
  + Course selection and enrollment
  + Progress tracking and analytics
  + Quizzing and practice exams
  + Certification exam preparation materials
* **User Interface:** 
  + Visual design and layout
  + Responsiveness on different devices
  + Intuitive navigation and user experience

**How will you test the app**?

* **Manual Testing:** 
  + Thoroughly test all features and functionalities.
  + Verify the accuracy of content and formatting.
  + Check for any broken links or errors in the user interface.
* **User Testing:** 
  + Recruit a small group of IT professionals to test the app and provide feedback.
  + Observe user behavior and identify any usability issues.

**What do you need for testing?**

* A variety of devices (smartphones, tablets, laptops)
* Different operating systems (iOS, Android, Windows, macOS)
* Internet connectivity
* A testing environment (a testing server or a staging environment)

**When do you plan to do the testing?**

* Allocate sufficient time for thorough testing, considering the app's complexity and features.
* Prioritize critical features and test them first.
* Conduct regular testing cycles to identify and fix issues early on.

**What will you have by the end of testing?**

* A comprehensive list of identified bugs and issues.
* A detailed report summarizing the testing results.
* A prioritized list of fixes and improvements.
* A more polished and reliable app ready for release.

**Who's doing what?**

* Primary Tester: Tameka Grant, responsible for conducting most of the tests.
* User Testers: A small group of IT professionals will provide feedback and identify usability issues.

**Potential Challenges and Solutions:**

* Device Compatibility: Test the app on a variety of devices to ensure compatibility.
* Performance Issues: Optimize the app's performance to minimize loading times and improve responsiveness.
* User Feedback: Actively seek and incorporate user feedback to enhance the app's usability.

