Quiz Platform - How To Guide 📚

This comprehensive guide walks through all major features and functionalities of the QA Testing Quiz Platform, including user registration, taking quizzes, viewing progress, and administrative functions.

Table of Contents

[User Registration & Login 2](#_Toc185407283)

[Registration 2](#_Toc185407284)

[Login 2](#_Toc185407285)

[Navigating the Quiz Hub 3](#_Toc185407286)

[Available Categories: 3](#_Toc185407287)

[Taking a Quiz 4](#_Toc185407288)

[Quiz Flow: 4](#_Toc185407289)

[Viewing Progress 5](#_Toc185407290)

[Administrative Functions 5](#_Toc185407291)

[Admin Features: 5](#_Toc185407292)

[Troubleshooting 6](#_Toc185407293)

[Login Issues 6](#_Toc185407294)

[Quiz Not Loading 6](#_Toc185407295)

[Progress Not Saving 7](#_Toc185407296)

[Best Practices 7](#_Toc185407297)

# Process

Assuming the site has been set up on a domain, users will navigate to that domain to access the site. After successfully gaining access to the site, they’ll register using their full name as username, for example: ‘JohnSmith’ or ‘JoeBloggs’ and will be able to complete tests from the displayed dropdowns. Although logging in is not necessary to run through the tests, it’s recommended as progress can be tracked.

# User Registration & Login

The platform provides a simple registration and login system. Users can toggle between registration and login forms using the tab interface at the top of the login section.

Registration

1. Click the "Register" tab

2. Enter desired username

3. Enter password

4. Click "Register" button

1. // javascript

2. // Example registration code

3. const handleRegister = async () => {

4. const username = document.getElementById('registerUsername').value;

5. const password = document.getElementById('registerPassword').value;

6.

7. try {

8. const user = await UserManager.register(username, password);

9. // Registration successful

10. } catch (error) {

11. alert(error.message);

12. }

13. };

Please note, the style and content are subject to change as this is still a work in progress project:  
A blue rectangles on a white background

Description automatically generated

## Login

1. Click the "Login" tab (if not already active)

2. Enter username

3. Enter password

4. Click "Login" button

A blue rectangles on a white background

Description automatically generated

Note: In the interests of assisting the admin with reviewing progress for each employee, it is recommended that your username upon signup is your full name, with the first letter of forename and surname capitalised.

## Navigating the Quiz Hub

The Quiz Hub organizes quizzes into categories for easy navigation. Each category expands to show available quizzes when clicked.

### Available Categories:

- Personal Organisation

- Risk

- Test Execution

- Tickets and Tracking

- Misc

- Accessibility Training

1. <!--html-->

2. <div class="category-dropdown">

3. <button class="category-btn">Personal Organisation</button>

4. <div class="dropdown-content">

5. <a href="pages/communication-quiz.html">Communication Skills Quiz</a>

6. <a href="pages/tester-mindset-quiz.html">Tester Mindset Quiz</a>

7. <a href="pages/time-management-quiz.html">Time Management Quiz</a>

8. </div>

9. </div>

A screenshot of a computer

Description automatically generated

## Taking a Quiz

Each quiz follows a progressive difficulty system, adapting to user performance. Questions become more challenging as you demonstrate mastery of basic concepts.

### Quiz Flow:

1. Select quiz from category

2. Read scenario/question

3. Select answer from options

4. View immediate feedback

5. Continue to next question

6. View final results

1. // javascript

2. // Example of quiz progression logic

3. if (totalQuestionsAnswered >= 15) {

4. return true; // End quiz

5. }

6.

7. if (totalQuestionsAnswered === 5 && experience < levelThresholds.basic.minXP) {

8. return true; // End quiz if struggling with basics

9. }

10.

11. if (totalQuestionsAnswered === 10 && experience < levelThresholds.intermediate.minXP) {

12. return true; // End quiz if not ready for advanced

13. }

A screenshot of a chat

Description automatically generated

## Viewing Progress

Users can track their progress across all quizzes from their dashboard. The system displays:

- Overall completion percentage

- Individual quiz scores

- Performance trends

- Areas for improvement

1. // javascript

2. // Example of progress display

3. const updateProgress = () => {

4. const progress = (currentScenario / totalScenarios) \* 100;

5. document.getElementById('progress-fill').style.width = `${progress}%`;

6. document.getElementById('experience-display').textContent =

7. `XP: ${experience}/${maxXP}`;

8. };

A screenshot of a quiz

Description automatically generated  
  
This area is likely to become its own page to prevent it from rendering strangely if too many tests are added.

# Administrative Functions

Administrators have access to additional features for monitoring user progress and managing content.

## Admin Features:

- View all user progress

- Filter users by quiz completion

- Sort by various metrics

- Export performance data

1. // javascript

2. // Example of admin filtering

3. function updateDashboard() {

4. const users = adminManager.getAllUsers();

5. const filteredUsers = users.filter(user =>

6. user.quizResults.some(result =>

7. result.quizName === quizFilter

8. )

9. );

10.

11. // Sort users based on criteria

12. filteredUsers.sort((a, b) => {

13. switch (sortBy) {

14. case 'username-asc':

15. return a.username.localeCompare(b.username);

16. case 'score-high':

17. return getAverageScore(b.quizResults) - getAverageScore(a.quizResults);

18. // Additional sorting options...

19. }

20. });

21. }

A screenshot of a computer

Description automatically generated

## Troubleshooting

Common issues and their solutions:

### Login Issues

- Clear browser cache

- Check username/password

- Ensure stable internet connection

### Quiz Not Loading

1. // javascript

2. // Check for quiz data loading issues

3. if (!quizData) {

4. console.error('Quiz failed to load');

5. // Attempt reload

6. location.reload();

7. }

### Progress Not Saving

- Verify login status

- Check local storage permissions

- Clear browser cache

### Best Practices

To get the most out of the platform:

1. Complete quizzes in recommended order

2. Review feedback after each question

3. Revisit challenging topics

4. Track progress regularly

1. //javascript

2. // Example of recommended quiz order

3. const recommendedPath = [

4. 'tester-mindset',

5. 'time-management',

6. 'risk-analysis',

7. // Additional recommendations...

8. ];

For additional support or feature requests, please contact Jett or refer to the technical documentation in the repository.