

Exam Module

Functional Requirements:

1. **Administrator Adding:** Administrators should be able to add new exams for each certificate.
2. **Real-time Tracking:** The system should allow real-time tracking of all trainees during exams.
3. **Administrator Editing:** Administrators should be able to edit trainee answers when necessary.
4. **Fair and Secure Examination:** The module should ensure a fair and secure examination process.
5. **Immediate Feedback:** The system should provide accurate and immediate feedback to trainees after exams.

Non-Functional Requirements:

1. **Security:** The module should employ strong security measures to prevent cheating or unauthorized access.
2. **Performance:** The real-time tracking should not cause any noticeable performance degradation.
3. **Usability:** The user interface for administrators and trainees should be intuitive and easy to navigate.
4. **Scalability:** The system should be able to handle a large number of concurrent exam sessions.

E-learning Module

Functional Requirements:

1. **Remote Access:** The system should provide remote access to course resources through web and mobile applications.
2. **Content Availability:** Users should be able to access lectures, videos, and educational materials at their convenience.
3. **Administrator Uploading:** Administrators should be able to upload e-learning content to be accessed.

Non-Functional Requirements:

1. **Reliability:** The system should be available and accessible consistently to users.
2. **Cross-Platform Compatibility:** The web and mobile applications should work seamlessly on various devices and platforms.
3. **Scalability:** The system should accommodate a growing number of users accessing resources simultaneously.

Assessment Tests Module

Functional Requirements:

1. **Skill Assessment:** The system should assess trainees' skills, work style, knowledge, and personality.
2. **Role Identification:** Based on assessment results, the module should help managers identify suitable roles for trainees.

Non-Functional Requirements:

1. **Accuracy:** The formula used for assessment should provide accurate results.
2. **Data Privacy:** The assessment process should adhere to data privacy regulations and protect trainee information.
3. **Reporting:** The generated reports should be detailed and easy to interpret for trainers and administrators.

Training Centers Portal

Functional Requirements:

1. **Course Scheduling:** Training centers should be able to schedule new learning groups for their courses.
2. **Reporting:** Centers should view reports and performance metrics for each learning group.

Non-Functional Requirements:

1. **Security:** The portal should have proper authentication and authorization mechanisms for data security.
2. **Usability:** The portal should be user-friendly for training center staff and administrators.
3. **Performance:** The portal should handle concurrent user actions without significant delays.

Training Module

Functional Requirements:

1. **Interactive Learning:** The module should provide interactive and gamified learning activities, including platforms like Kahoot and Code of Talent.
2. **Progress Tracking:** The system should generate comprehensive reports to track trainee progress and performance.

Non-Functional Requirements:

1. **User Experience:** The user interface should have a powerful UX/UI design to enhance user engagement.
2. **Reporting:** The generated reports should be detailed and easy to interpret for trainers and administrators.

Accreditation Module

Functional Requirements:

1. **Review Accreditation Requests:**

The system should allow administrators to review incoming accreditation requests.

Requests should include necessary documentation and information for evaluation.

2. **Global Standards Verification:**

The module should verify whether the accreditation requests meet global standards.

It should have access to a predefined set of global accreditation criteria.

3. **Approval Process:**

Administrators should be able to approve accreditation requests that meet the standards.

Rejected requests should be returned to the requestor with reasons for rejection.

Non-Functional Requirements:

1. **Security:**

The module should ensure secure storage and handling of accreditation-related data.

User access to accreditation data should be restricted based on roles and permissions.

2. **Usability:**

The user interface should be intuitive for administrators to review and process accreditation requests.

3. **Reliability:**

The system should reliably store and retrieve accreditation data to prevent data loss.

4. **Notification:**

The system should send notifications to administrators and requesters at different stages of the accreditation process.