**📌 Use Cases**

**🧑‍💼 Admin Panel - مدير النظام**

**Use Case 1: Configure system settings**

* **Actors:** Admin
* **Description:** Admin manages system-wide options such as enabling self-registration, grading modes, and uploading limits.

**Use Case 2: Manage user roles & permissions**

* **Actors:** Admin
* **Description:** Assign roles like Supervisor, HR Manager, and configure access rights to various modules.

**Use Case 3: Create specializations and exam templates**

* **Actors:** Admin
* **Description:** Define areas of expertise and design base exams for reuse.

**🧑‍💼 HR Manager / Recruitment Officer**

**Use Case 4: Add new candidate profile**

* **Actors:** HR Manager
* **Description:** Add and manage candidates and their applications.

**Use Case 5: Assign an exam to a candidate**

* **Actors:** HR Manager
* **Description:** Select an exam and send the candidate a secure access link.

**Use Case 6: Track exam attempts and scores**

* **Actors:** HR Manager
* **Description:** Monitor real-time results and number of attempts per candidate.

**Use Case 7: Analyze exam dashboards**

* **Actors:** HR Manager
* **Description:** Use the visual dashboard to evaluate overall candidate performance.

**🧑‍🏫 Supervisor**

**Use Case 8: Access manual review dashboard**

* **Actors:** Supervisor
* **Description:** Review unanswered or text/media-based answers and assign scores manually.

**Use Case 9: Add comments and feedback**

* **Actors:** Supervisor
* **Description:** Provide feedback and explanation for manual grading.

**👨‍💻 Candidate**

**Use Case 10: Register through self-registration (if enabled)**

* **Actors:** Candidate
* **Description:** Sign up through a public registration link if allowed by system settings.

**Use Case 11: Access exam via secure token**

* **Actors:** Candidate
* **Description:** Access the exam page via a tokenized, limited-access link.

**Use Case 12: Start and submit exam**

* **Actors:** Candidate
* **Description:** Answer exam questions and submit the attempt before timeout.

**Use Case 13: Upload media file as an answer**

* **Actors:** Candidate
* **Description:** Upload audio/video or document as part of an answer.

**Use Case 14: View exam result**

* **Actors:** Candidate
* **Description:** See whether they passed, and their final score after grading.

**👨‍🔧 Developer / Maintainer**

**Use Case 15: Add new question type to system**

* **Actors:** Developer
* **Description:** Extend question model to support new question formats (e.g., drag-and-drop).

**Use Case 16: Add custom settings or seed data**

* **Actors:** Developer
* **Description:** Seed roles, permissions, exams for test environments.