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| Training Management System | | |
|  |  |  |
| **Test Cases** | | |

# Getting Started

# 1. User Authentication and Role-Based Access

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-01 | Secure login with valid credentials | Enter correct username and password | Redirected to respective dashboard based on role |
| TC-02 | Login with incorrect credentials | Enter invalid password or username | Display error message: "Invalid credentials" |
| TC-03 | Role-based redirection | Log in as Admin/Trainer/Trainee | Redirected to correct dashboard and role permissions enforced |

# 2. Training & Course Management (Admin)

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-04 | Create new Training | Admin fills in training info and saves | Training saved and listed in training dashboard |
| TC-05 | Edit existing Training | Admin edits a training’s title or description | Updated training appears correctly |
| TC-06 | Delete a training | Admin deletes an existing training | Training no longer available in the list |
| TC-07 | Create course and assign trainer | Admin creates a course and assigns a trainer | Course listed with trainer name |
| TC-08 | Edit course details | Admin updates course info | Changes reflected in course details |

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|  | Test Scenario |
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# 3. Session Management

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| ID | Test Scenario | Steps | Expected Result |
| TC-09 | Schedule training session | Admin adds a session date/time to a course | Session appears in session calendar |
| TC-10 | Notification before session | Wait for session notification trigger time | Notification/email sent to trainees |
| TC-11 | View session list (Trainer/Trainee) | Login and navigate to “My Sessions” | List of scheduled sessions displayed |
| TC-12 | Session details include materials | Click on a session | Session details + materials appear |

# 4. Attendance Tracking

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| ID | Test Scenario | Steps | Expected Result |
| TC-13 | Manual attendance entry attendance (if implemented) | Admin/Trainer inputs attendance manually | Attendance recorded |
| TC-14 | Absence notification | A trainee misses session | Notification sent to Admin/Trainer/Trainee |
| TC-15 | Generate attendance report | Admin clicks “Generate Report” | Attendance PDF/CSV downloaded or displayed |

# 5. Feedback and Evaluation

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-16 | |  | | --- | | Submit feedback (Trainee) | | |  | | --- | | Submit feedback (Trainee) | | |  | | --- | | Submit feedback (Trainee) | |
| TC-17 | |  | | --- | | View feedback reports (Admin) | | |  | | --- | | View feedback reports (Admin) | | |  | | --- | | View feedback reports (Admin) | |
| TC-18 | |  | | --- | | Trainer adds assessment | | |  | | --- | | Trainer adds assessment | | |  | | --- | | Trainer adds assessment | |

# 6. Certificate Generation

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-19 | |  | | --- | | Auto-generate certificate | | Trainee completes Training | |  | | --- | | Certificate generated automatically | |
| TC-20 | |  | | --- | | Download certificate | | |  | | --- | | Trainee clicks “Download Certificate” | | |  | | --- | | PDF/PNG downloaded | |
| TC-21 | |  | | --- | | Certificate not available before completion | | |  | | --- | | Trainee tries to download before completion | | |  | | --- | | Error or "Not Available" message shown | |

# 7. Notifications & Reminders

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-22 | |  | | --- | | Notification for upcoming session | | Session time near | |  | | --- | | Email or in-app reminder sent | |
| TC-23 | |  | | --- | | Notification for feedback | | |  | | --- | | After course completion | | |  | | --- | | Prompt shown to provide feedback | |
| TC-24 | |  | | --- | | General announcement | | |  | | --- | | Admin sends notification | | |  | | --- | | Message visible to all relevant users | |

# 8.Dashboard Functionality

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| --- | --- | --- | --- |
| ID | Test Scenario | Steps | Expected Result |
| TC-25 | |  | | --- | | Admin dashboard loads correctly | | Admin logs in | |  | | --- | | Summary of users, courses, sessions shown | |
| TC-26 | |  | | --- | | Trainer dashboard | | |  | | --- | | Trainer logs in | | |  | | --- | | Upcoming sessions, assigned courses displayed | |
| TC-27 | |  | | --- | | Trainee dashboard | | |  | | --- | | Trainee logs in | | |  | | --- | | Enrolled trainings, progress, certificates shown | |