Here is a **Requirement Traceability Matrix (RTM)** for your Waterfall project on **Franchise Live Training and Sales Enablement**.

**Requirement Traceability Matrix (RTM)**

**Project Name:** Franchise Live Training and Sales Enablement
**Prepared by:** [Your Name]
**Date:** [DD-MM-YYYY]
**Version:** 1.0

**1. Introduction**

The **Requirement Traceability Matrix (RTM)** ensures that all requirements are properly tracked from initiation to testing and deployment. It helps in verifying that each requirement is addressed in the design, development, and testing phases.

**1.1 Purpose**

The RTM is designed to:

* Track requirements through different phases of the project lifecycle.
* Ensure all functional and non-functional requirements are met.
* Identify gaps or missing requirements.

**1.2 Scope**

This document covers:

* Functional and non-functional requirements.
* Mapping of requirements to design, development, testing, and deployment.
* Test case references for validation.

**2. Requirement Traceability Matrix (RTM)**

| **Req. ID** | **Requirement Description** | **Category** | **Design Reference** | **Development Module** | **Test Case ID** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| FR-01 | Users must be able to log in with email and password. | Functional | UI Wireframes | Authentication Module | TC-01 | In Progress |
| FR-02 | Role-based access control (Admin, Trainer, Sales Rep). | Functional | Security Design | User Management | TC-02 | Pending |
| FR-03 | Training modules should be accessible based on user roles. | Functional | LMS Design | Training Module | TC-03 | Pending |
| FR-04 | Admins should be able to upload training content. | Functional | Content Management System | Content Upload Module | TC-04 | Not Started |
| FR-05 | System should track user progress in training. | Functional | Reporting & Analytics | Tracking System | TC-05 | Pending |
| FR-06 | Users should receive completion certificates. | Functional | Training Module | Certification System | TC-06 | Pending |
| FR-07 | Sales playbooks should be interactive and customizable. | Functional | Playbook Design | Playbook Module | TC-07 | Not Started |
| FR-08 | System should provide real-time performance tracking for users. | Functional | Analytics Design | Performance Dashboard | TC-08 | In Progress |
| FR-09 | Notifications for pending training should be sent automatically. | Functional | Notification Design | Notification System | TC-09 | Not Started |
| NFR-01 | System should support 1000+ concurrent users. | Non-Functional | Infrastructure Design | Server & Database Setup | TC-10 | Not Started |
| NFR-02 | Training videos should load within 2 seconds. | Non-Functional | Performance Optimization | Media Streaming Module | TC-11 | Pending |
| NFR-03 | 99.9% uptime for system reliability. | Non-Functional | Cloud Architecture | Server Monitoring | TC-12 | Pending |
| NFR-04 | Compliance with GDPR and data security regulations. | Non-Functional | Security & Compliance | Data Encryption | TC-13 | Pending |

**3. Conclusion**

This **Requirement Traceability Matrix** ensures all functional and non-functional requirements are accounted for, tested, and implemented correctly. Any changes or updates should be tracked using version control.

Would you like to add more details, such as priority levels or additional references?