Title: Youdemi App

The software requirement document for a course management platform.

Authors: Emmanuel Mojiboye

Date: July 2nd, 2025

Version: 1.0.0

Table of Contents

Introduction

- 1.1 Purpose.
- 1.2 Scope.
- 1.3 Definitions, Acronyms, and Abbreviations.
- 1.4 Technologies' Used.
- 1.5 References.

Overall Description

- 2.1 Product Perspective.
- 2.2 Product Features.
- 2.3 Stages for verifying User Account.
- 2.4 Classes, Models, Attributes.
- 2.5 Design and Implementation Constraints.

Functional Requirements

- 3.1 User Management.
- 3.2 Admin Management.
- 3.3 Course Management.
- 3.4 Order Management.
- 3.5 Payment Management.

Non-Functional Requirements

- 4.1 Performance.
- 4.2 Security.
- 4.3 Usability.
- 4.4 Scalability.

System Architecture

- 5.1 Architecture and reasons.
- 5.2 System Components.
- 5.3 Data Storage.
- 5.4 Integration Points.

User Interface Design

- 6.1 Navigation.
- 6.2 Forms and Screens.
- 6.3 UI/UX Design Images.

Test Plan

- 7.1 Unit Testing.
- 7.2 Integration Testing.
- 7.3 System Testing.
- 7.4 User Acceptance Testing.
- 8. Deployment.
- 9. Maintenance and Support
- 10. Appendices'

1. Introduction

1.1 Purpose

The Youdemi App aims to provide a platform where Users from across the world can come to learn a course. This Web Application will offer a flexible and smooth medium for Youdemi Instructors to interact with their Students.

1.2 Scope

The Youdemi Application will contain a range of features ranging from how Users sign up for an account to different roles the User can perform. There will be different roles in the application that a User can perform, ranging from User role, Admin role, Instructor, Students.

1.3 Definitions, Acronyms and Abbreviations.

• Web Application/Web App/Website: This is going to be the application that