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| **Menoufia University** |  | **Subject: Software Engineering-1** |
| **Faculty of computers and Information** | **Year: Third Year** |
| **CS, IS, and IT Departments** | **Software Engineering Project 2021-2022** |

**Graduation Project**

* **Team Members:**

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* **Project Title:**

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| **E-learning platform (Minda)** |

* **Description:**

Minda is an E-learning platform that provides students with important courses that is well-taught by professors, giving professors the ability to add courses, materials and make quizzes.

# Preface

**E-learning platform**

**Version 1**

**1/11/2022**

This documentation is oriented to customers, manager, developer, designer, and tester

# Introduction

This document will contain a detailed information about how the platform will work using authentication and registration pages, the ability for professors to add courses and materials, make announcements, the students will be able to see courses, make achievements and take quizzes.

# Glossary

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| --- | --- |
| Authentication | Making sign in and sign up pages to give the ability for every user to edit, have profile, and order with his name. |

# User Requirement Definition

## Functional Requirement:

## Add user by providing name, email, password

## Log in using email and password.

## Non-Functional Requirement:

* Safety Requirements
* Software Quality Attributes
* Usability Requirement
* Performance Requirement
* Efficiency Requirement
* Product Requirement.
* Organizational Requirement.

# System Architecture

# System Requirement Specification

## Functional Requirement:

## A user shall be able to register in system by providing name, email, password

## The system shall response to unfilled registration formation.

## The system shall contain a login page using email and password.

* Each staff member using the system shall be uniquely identified by his or her eight-digit employee number.
* Staff shall be able to add or delete book in courses.

## Non- Functional Requirement:

* Safety Requirements: - The database may get crashed at any certain time due to virus or operating system failure. Therefore it is required to take the database backup.
* Software Quality Attributes: - The Quality of the database is maintained in such a way so that it can be very user friendly to all the users of the database.
* System shall be available 24 hours per day
* Only staff shall manage all user accounts.

# System Model

# System Evolution

# Appendix

## Hardware

## Software

## Database

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