**KNOWLEDGE BASE – LEARNING PORTAL**

*Software Requirements Specification*

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**1.Objective and Scope:**

The objective and the scope of the project is to create a knowledge base learning portal which would help users to read and study books.

The scope of the project includes the following basic features:

* Allow users to login to the application and allow new users to register with the system.
* The user can view the home page of the application.
* The user can view the details of his/her own, using my profile.
* The user can view the courses available and read those courses using my courses.
* The user can also log out from the application.

**2.Project End Users:**

Those who need a proper KB-Learning portal.

**3.Features:**

**3.1 User Login:**

The user can login by using their username and password. The data will be authenticated, and access will be granted.

**3.2 User registration:**

New users can register with the system by providing information such as unique user ID, a strong password. The user will also be asked to enter their email id, city details. The data will be stored in the database for future login process.

**3.3 Home page:**

The users can view the home page after login into an application which has the links to move to the next page of contents has my profile, my courses.

**3.4 My courses:**

The users can view and read the courses through learning portal using my courses. Based on the available books the users can avail themselves and read. My courses have options to move to my profile or return to home page.

**3.5 My profile:**

The users can view the details of his/her own using clicking my profile. My profile has options to redirect the page to my courses or return to home page logout from the application.

**3.6 User logout:**

The users can logout from the application using clicking on logout option in my profile.

**4. DIAGRAMS**

**4.1. USE CASE DIAGRAM**

A use case diagram is a dynamic or behavior diagram. Use case diagrams model the functionality of a system using actors and use cases.



**4.2. FLOW CHART DIAGRAM**

A flowchart, or process flow diagram, is a picture of the separate steps of a process in sequential order.



**4.3. CLASS DIAGRAM**

Class diagram describes the attributes and operations of a class and the constraints imposed on the system.



**4.4. ER DIAGRAM**

An Entity Relationship Diagram (ERD) is a visual representation of different entities within a system and how they relate to each other.



**4.5. SEQUENCE DIAGRAM**

Sequence diagrams describe interactions among classes in terms of an exchange of messages over time. They're also called event diagrams.

