

TEACHER-STUDENT CONNECT

Project Abstract

Version 1.0



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1.0 Purpose of this document

This document provides an overview about the business need and the solution that can be provided to fulfil the objective.

2.0 Business Case

The effectiveness of learning through academic institutions greatly depend on the theoretical coverage offered by the facilitators, above and beyond the details provided in the reference materials prescribed in the curriculum. To quote the success of the institution greatly depends on the additional enablement opportunities that are presented to those consuming the education offered in these house of knowledge.

The predominant objective is to enable the knowledge consumers with their day to day enablement needs and provide an online Repository that contains a collection of learning and teaching materials flowing from Teachers and Students on a regular basis.

An Interactive UI platform that allows the Teachers and Students to digitally connect that are aligned with the curriculum prescribed which would result in a 'deep driven' knowledge being gained by the learners or knowledge seekers.

3.0 Technologies Recommended

Front End	Java (HTML5, CSS3, JavaScript, Angular)
Middleware	Java (Spring, Spring MVC, Hibernate MVC, WEB API2)
Backend	Oracle/SQL Server

4.0 Hardware and Software Requirements

Technology	Hardware	Software
Java	Desktop PC with 8GB RAM	<ol style="list-style-type: none">1. Node.js 10.15.12. Angular 5.03. Visual Studio Code 1.304. Eclipse IDE for Java EE Developers (Oxygen)5. Maven 3.6.06. Tomcat 97. MySQL Community Server 8.08. MySQL Workbench 8.0.149. Putty10. WinSCP 5.9.411. Oracle 11g express version

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6.0 References

7.0 Change Log