ONLINE LOGBOOK MANAGEMENT SYSTEM  
(**OLMS**)

OVERVIEW OF THE PROJECT

**OLMS** is web-based system which will automate the process of filling the logbook online, submitting the logbook for student side and supervising, marking of the logbook to the stuff side.

OBJECTIVES OF THE PROJECT

* To develop the web-based software system, so as the students and supervisors will use for the industrial practical training activities.
* To minimize the cost used by student of travelling from the training areas to the campus so as to submit the logbook and field report.
* Creating online system for submission of industrial practical training report.

**THE NEED FOR THE PROJECT**

* Manual management of practical training activities is costful, time consuming and risk by using **OLMS** which is capable of performing all activities will provide solution for the above constraints for both students and university when implemented.

**SCOPE OF THE PROJECT**

The project will cover the following areas

**STUDENTS**

* Filling industrial practical center information online using OLMS
* Filling logbook information online using OLMS

Submission of report and logbook online using OLMS

OLMS**SUPERVISORS AND ADMISTRATIVE STAFF**

* Supervising students using OLMS
* Marking and grading of submitted students’ logbooks and reports using

DELIVERABLES

* A web-based software system which contains
* Central database for all informations
* Functionalities of simplifying industrial practical training activities.
* Different GUIs to different users

**FEASIBILITY STUDY**

* **FINANCIAL FEASIBILITY**
* Being a web application OLMS will have an associated hosting cost
* OLMS will follow the freeware software standards.
* Maintenance will associate cost.
* Potential market space will be institutions and universities

from those above the project OLMS is financially feasible

* **TECHNICAL FEASIBILITY**

**OLMS** is a complete web-based application the main technologies and tools that are associated are,

* HTML
* CSS
* DJANDO
* JS
* MYSQL
* DIAGRAM DRAWING TOOLS (draw.io, Visio, Microsoft project)

The above technologies are free and available and technical skills required are manageable also hosting will start from free platform at the beginning then will shift to paid web hosting platform for efficient bandwidth therefore OLMS it is feasible technically.

* **RESOURCE FEASIBILITY**
* Programming device(laptops)
* Hosting space (freely available)
* Programming tools (freely available)
* Programming individuals

OLMS project has the required resource feasibility.

* **RISK FEASIBILITY**
* Risks associated with size
* Risks associated with business impact
* Process risks issue
* Technical issues risk
* Technological risks
* Development environment risks
* Customer related risks

All above risks cannot prevent the OLMS development therefore the project is feasible

**SOCIAL/LEGAL FEASIBILITY**

**OLMS** use freely available development tools and provide the system a an open source system only maintenance cost will be charged from potential customers therefore it is social/legal feasible

**CONSIDERATIONS**

* PERFOMANCE
* SECURITY
* USABILITY AND EASE OF USE
* CAPABILITY AND SCALABILITY
* AVAILABILITY
* MAINTAINABILITY

REFERENCES

* SLIDESHARE
* <http://www.slideshare.net/pasinduTennage/sample-software-engineering-feasibility-study-report>