DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
JATIYA KABI KAZI NAZRUL ISLAM UNIVERSITY, TRISHAL

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1. **Name of the students**: Deena Faria Mahmuda Akhter
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   Session: 2016-17 2016-17

2. **Programme:** □PhD/□MS/☑BSc.
   Proposal for: □Thesis/☑Project

3. **Tentative Title:** E-learning System

4. **Background and present state of the problem:**

Learning abilities vary among individuals. Managing learning abilities could be difficult. This E-learning System integrates learning techniques which addresses this problem. The aim of this work therefore is to develop adaptative e-Learning Software to enable the learner answer questions or solve problems based on his/her ability. This work is motivated by the need to address deep concern and awareness toward how learners learn best. This study develops an adaptive e-learning platform where the learner is allowed to answer questions or solve problems based on his/her ability or pace.

5. **Objectives with specific aims and possible outcome:**

Objective:

The aim of this work is to develop adaptive e-learning software to enable the learner to answer questions or solve problems based on his/her ability or pace. The objectives of this study are to:

1) Develop web based tool for managing learners' courses.
2) Integrate a feature which will enable learners to schedule reminders for their assignments or evaluations.
3) Develop a feature which will be used to make sure that all the levels of learning are covered.
4) Design and integrate a feature which will enable learners to answer questions based on their learning abilities for evaluations.

Outcomes:

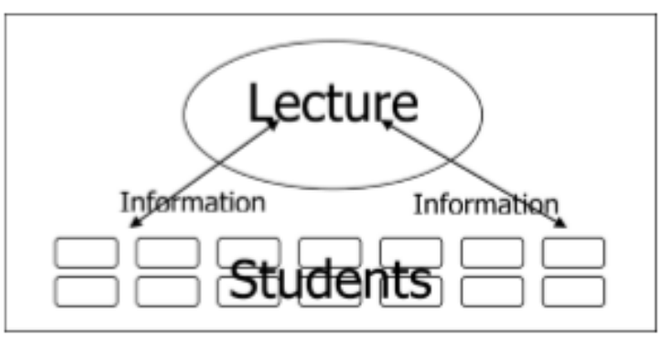

Figure: Operations/Information Flow Source

The outcomes of this project will have two fields:

1) **Home Page**: This is the first page a user sees when the web application is launched. Registered or returning users can log into the program with the enrolled username and password. New users can enroll if they have not been previously registered.
2) **Welcome Page**: this is displayed on successful login attempt. User session is created for each user on successful authentication.

   Here, users can view and populate their courses for a current semester. They can populate course contents, and schedule reminders for submission of assignments or upcoming evaluations.

6. Outline of Methodology/ Experimental Design:

Block diagram of E-learning system is given below:

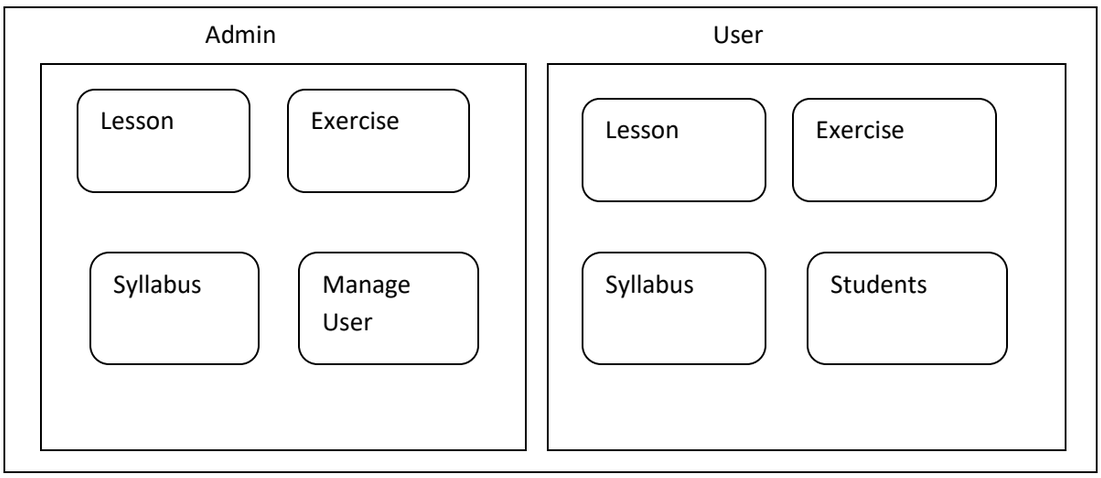

Figure: Block diagram of E-Learning System

Software Requirements:

1) Windows 7 and above
2) Xampp server
3) Web Browser
4) Languages:
   Front end: HTML,CSS
   Backend: PHP,SQL

7. References:

Design and Implementation of an Online Course Management System
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