



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Summer 19-20

Project Title: **MNP Academy**

Section: **A**

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Introduction:

Our project is mainly an online Learning Management System which is named **MNP Academy**. A Learning Management System (LMS) is an online system or software which is used to plan, execute, and assess a specific learning process. The main objective of our project is to improve the learning process. Our project will deliver content, handles registering courses, course administration, skill gap analysis, tracking, and reporting.

Background Study:

We have gained our project idea from Khan Academy and Coursera.

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom.

Every course on Coursera is taught by top instructors from world-class universities and companies, so anyone can learn something new anytime, anywhere.

Our thought about this project came from facing difficulties while studying new topics for Universities courses. Because it is not possible to discuss about each and everything of a course during the class time. To gather further knowledge, we tend to study ourselves with the help of online content related to our desired course. This is the reason why we have chosen this idea of the project.

Reference:

1. <https://www.khanacademy.org/about>
2. <https://about.coursera.org/>

Requirement Analysis:

1. User Category:

There are 3-types of Users here. They are:



- Administrator
- Instructor
- Learner

2. Feature List:

Common Features:

- All user can Login to system
- All user can register to the systems
- All user can manipulate their information (delete, update, view)
- All user can use chat box
- Login Authentication
- Search Bar
- Flexible Window (mobile, tab, desktop)

In this project the “Administrator” has the following features:

- Can add instructor & learners
- Can verify instructor & learners
- Manipulate course materials
- Can review blog post by instructor
- Can take interview of new Instructor
- Can review payment method
- Can review quiz
- Can provide certificate to the learners
- Can view teacher ratings & complains
- Can have meetings with instructor
- Can post advertise to hire instructor
- Can arrange small competition for learners
- Can control Forum
- Can see income
- Can provide wages to instructor
- Maintain Frequently Ask Question (FAQ)

In this project the “Instructor” has the following features:

- Tips for new instructors
- Article for teaching improvement/instruction
- Instructor ranking
- Can choose course
- Can upload course content
- Can make questions for quiz
- Can take assessment
- Can give grade to learner
- Can review assignment
- Can contact with admin & learners



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- Can give suggestion on forum of particular topic
- Can post blog of various topic
- Notification
- Can see income

In this project the “Learners” has the following features:

- Tips for learners
- Can choose course (multiple choosing)
- Can download course content
- Can read blog
- Notification
- Can sit for quizzes
- Can ask questions on Forum
- Upload assignment
- Can achieve certificate
- Can view grade
- Progress Bar
- Can participate in small completion
- Can pay for premium courses

