**“Online Learning Management System”**

**Group Number-05**

**Section-03**

**Group Members:**

| **Student ID** | **Student Name** |
| --- | --- |
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**System Request:**

**Project Sponsor:** Towhid Khan, CEO of Towhid industry.

**Business Need:** We have a large number of students and teachers which are suffering in terms of studies with no physical institution to go to

due to covid 19 pandemic.Thus they are becoming used to waking up late and lack of zeal for studying.

Students are studying online from time to time,but they do not understand because class is lecture based and children do not have the opportunity to ask questions.

Our platform will provide an efficient and effective way to interact with the teachers so that students are able to learn in a compact way.

**Business Requirements:**

There will be 2 types of users in the system - 1)Students 2)Teachers.

1.Creating an understandable bridge between students and teachers.

2.Students and Teachers can register in the system.

3.Availability of 24/7 tech support.

4.Providing Online streaming service and handnotes.

5.Teachers will upload content.

6.students and teachers will have their own profile.

7. Ensure quality with affordable price.

8. Online payment system.

9. Students and Teachers Feedback.

**Business Value:**

1. Approx 10% cheaper rate in course than other learning platforms

online courses.

2. Overall increase in business growth by 2%.

3. We will provide Training sessions for Underprivileged students and

Teachers.

4. Teachers can monitor students progress through our system.

**Special Issues or Constraints:**

1. As people from remote areas do not have access to Modern internet

service so it will be a challenge for us to overcome this situation.

2. It will be hard to maintain the server when all the students enter during

exam Session.

3. It will be difficult to maintain a day to day communication with the

students to keep them up to date.

**Requirements Analysis:**

**Functional And Non-Functional Requirements:**

**Functional Requirements:**

* **Registration:**For accessing the app, users have to install and register for the app.User must provide authentic personal data like user name,phone number,email address,password,picture for setting up a profile.

* **Login:**In order to use the app,the user needs to put his username and password used during registration to login into the app.

* **Course Selection:**In order to use the app properly,the user needs to search and select the desired course as per requirement.Users can also find their desired courses with review.

* **Course Details:**After enrolling in the course,the app will automatically fetch course details from the database.The app will also give a compact preview of the course details like what are the prerequisites for the course,course materials,course instructor etc.

* **Course add/Remove:** Users can add their desired courses to their profile and also after the completion of their courses they can remove their courses.

* **Payment:** Users can pay using any method like Credit card, Bikash, Nogod.
* **Review:** Users can review the course after the completion of the course.

**Non-Functional Requirements:**

* **Security:**The user's personal information can not be viewed by any other user and without the proper username and password,the app can not be accessed.
* **Usability:**The app will be on a user friendly and responsive interface while being very easy to use.
* **Operation:** It will be supported on Android,iOS,Windows, MacOS thus there won't be any complexity that would make the app unusable.
* **Performance:**The app will be efficient while using data for increasing the speed of load time and less power consumption.