PUNE INSTITUTE OF COMPUTER TECHNOLOGY

DHANKAWADI, PUNE – 43.

**SUBMISSION OF S.E. PROJECT SYNOPSIS**

DEPARTMENT: COMPUTER ENGINEERING ACADEMIC YEAR: 2021-22

**Class**: SE **Sem**: II

**Subject: Project Based Learning**

**Project Group Members:**

|  |  |  |
| --- | --- | --- |
| Roll No. | Name | Guide Name |
| 21111 | Aditya Bhise | Prof. Swapnil Shendage |
| 21108 | Kalpesh Baviskar |
| 21114 | Chinmay Borgaonkar |
| 21121 | Manas Deshpande |

**Project Title**: Student Achievement Portal

**Domain**: Web Development

**Synopsis**:

**Title of the project:** Student Achievement Portal

**Technical Key Words**:-

Django, Bootstrap, MySQL

**Abstract**:

Our project idea is development of Student Achievement Portal for all students of the college, so that college can have record of the achievements of all students and provide financial assistance if necessary.

The main aim of choosing this idea is to reduce the work of authorities as they have to circulate Google form link every month for listing achievements and compiling all those records.

Purpose of our project is to ease the process of collecting the required data for authorities. It will also help them in filtering it out on certain parameters which will help them in sorting too.

We will be using web development framework and database technologies for implementing this project.

Thus our PBL project will help in making the work of collecting achievement records of student more organized and reduce the efforts of the authorities.

**Problem Definition:**

Every month college authorities have to make a Google form for collecting and maintaining the student achievement records. Not only this, all the achievements are not listed in a single database and it becomes very difficult to merge these databases.

**Problem Solution:**

Considering the tedious work of collecting student achievements done by the authorities we have decided to work upon a Student Achievement Portal. This portal will have relevant features regarding collection of student achievements. All achievements will be in a single database and can be retrieved as and when required by the concerned authorities from our portal.

**Hardware/Software Requirement:-**

**Technology Used:**

* HTML, CSS, Bootstrap[Frontend]
* Django Framework[Backend]
* MySQL[Database]

**Project Overview:-**

* Users of Portal-

1. Student
2. Admin

* Features-
* *Home page*-

1. Sign up/sign in:

1. Student login

2. Admin login

2. Important notices:

1. College’s club events information and glimpses

* *Student sign up*-

1. Name, Div, Roll No

2. Department

3. Student enrollment number (as login ID)

4. Password

5. Add profile photo.

* *Student login*-

1. Add new achievement

2. Achievement history

3. Delete/update achievement

4. Edit student profile

* *Achievement inputs*-

1. Description

2. Activity date

3. Financial support provided by college (INR)

4. Activity remark

5. Certificate or other related document.

* *Admin login*-

1. View achievements by (Get list of student achievements)-

1. Dept

2. Class

3. Div

2. Upload new notice-

1. Notice description
2. Event poster
3. Brief event description

**Future Scope:-**

1. Teacher login
2. Filtering on other parameters
3. Display student’s achievement on Home page if he has done exceptionally well