

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ENGINEERING**

**Navsahyadri Education Society’s Group of Institutions**

**Faculty of Engineering, Naigaon, Pune.**

**Savitribai Phule Pune University**

**2022-23**

**A**

**PROJECT REPORT**

**ON**

**“ENGINEERING ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM”**

**SUBMITED**

**BY**

**Name:- Vaibhav Sanjay Bagekari Exam No:-S190903469**

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**Name:- Pooja Anil Kare Exam No:-S190903435**

**Name:- Siddhi Dipak Chavan Exam No:-S190903415**

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Under The Guidance Of

**Prof. N. Dimble**



**CERTIFICATE**

This is to certify that the project report entitled

**“ENGINEERING ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM”**

Is the Bonafide work carried out by

**Name:-Vaibhav Sanjay Bagekari Exam No:-S190903469**

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And is submitted in partial fulfilment of Project Based Learning in **Artificial Intelligence and Machine learning Engineering of Savitribai Phule Pune University** in the academic year 2022-23.

Prof. C.S. Wagh Dr. D.M. Yadav

**H.O.D.** **Principal**

**ACKNOWLEDGEMENT**

It gives me great pleasure on bringing out the project entitled, we express our deep sense of gratitude and sincere regards to our guide **Prof. N. S. <name>** For his timely guidance and friendly discussion had helped us immensely in selecting this current topic and completing the project work.

We are thankful to **Prof. C.S. Wagh** Head of Department and **Prof. N. Dimble** Project Coordinator Information Technology Department, for their inspiration and encouragement. He has immensely helped in providing all opportunities and facilities for the project work.

We are thankful to **Dr. D.M. Yadav** Principal, Institute of Technology and Engineering. Malegaon (Bk.) for providing institutional facilities and suggestions.

We are thankful to all the faculty members of Information Technology department and library for help which have been immensely useful in our work.

We will fail in our duties if we do not mention our classmate who was a constant source of inspiration during the project work.

Last but not the least we are thankful to all them who directly or indirectly

helped us to complete this work.

**Project Members-**

Mr. Bagekari Vaibhav Sanjay

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Miss. Kare Puja Anil

Miss. Chavan Siddhi Dipak

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Date:

Place:

**INTRODUCTION**

An engineering department webapp system based on World Wide Web (WWW) system was developed. As this Application is very useful for a engineering students. This Application is really very helpful for the engineering students to access notes and other class details. It was implemented using HTML5,CSS,Java-Script,Python programming language, and the result was stored in SQLite database. An object-Oriented Analysis and design (OOAD) approach was adopted which consist of a well-planned iterative steps. Data was collected using document analysis and field Methods and the application of relevant analytical methods like bar-charts were used to interpret the facts collected. The application which developed for accessing notes and class data for study. When student login in system they can access study materials and class details. My application helps to teacher faculty as well as student to collect notes and information. I have used HTML5,CSS,Java-Script,Python programming language and MySQL to build an webapp. This website is very useful to all engineering students as well as teachers to access notes and information.

**PROBLEM STATEMENT**

To develop web application for engineering college for digital academic data.

**SCOPE**

It is very useful website.it has capabilities to show us the information such as current activities, admissions, department, NSS, training and placements. It is also used to access the student attendance, assignments, practical’s, notes. we can also send the query and feedback about college for the betterment. In this website we can understand engineering student history of their work performance as well as we can understand their attendance and submission records. This website we store the information of engineering students. Seeing their attendance and submission status, teacher will get the idea of their work . This website is mostly useful for local faculty to know their information of student

**SYSTEM REQUIREMENTS**

**SOFTWARE REQUIREMENTS**

               1. Windows 11

               2. SQLite Database

               3. Web application

               4. Python 3.11.2

               5. virtual Studio IDE

**HARDWARE REQUIREMENTS**

              1. Monitor

              2. I5 Processor

              3. RAM 4GB

              4. HARD-DISK

              5. Keyboard , Mouse

**FEATURES OF SYSTEM**

• Task Management

• We can give the reviews and query.

• It shows media such as photos, videos of recent activities.

• It shows students attendance, practical and assignment.

• It is dynamic website.

• It uses SQLite database.

**CONCLUSION**

This chapter dealt with the user’s needs and expectations for the new system. The next chapter deals with requirements analysis that is requirements needed to solve the problem being faced by the workshop in Rwanda. An employee management system will be the best solution for the problem. It will provide easy online access to the employees that are currently at work and what they are working on. Also easy to allocate jobs to the employees that are done with what they were doing. The system will provide quick and reliable access to the running of the business saving the manager a whole lot of time and money.

**REFERENCES**

[www.google.com](http://www.google.com)

[www.javapoint.com](http://www.javapoint.com)

[www.desktime.com](http://www.desktime.com)

[www.microchip.co.uk](http://www.microchip.co.uk)

[www.quora.com](http://www.quora.com)

[www.W3school.com](http://www.w3school.com)

[www.geeksforgeeks.com](http://www.geeksforgeeks.com)

[www.figma.com](http://www.figma.com)