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Web Portal for Student and Teacher Management

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Abstract: The aim is to make an online web portal for Computer Science Department, so that everyone can get information about department, students can easily communicate with teachers from anywhere. Teachers can easily communicate with students, and can keep records of every student easily and efficiently. The proposed system could be accessed from any corner of the world on net.
Keywords: Student, Agile, Webserver

I. INTRODUCTION

A computer science departmental portal is a web application for educational establishment to manage student data of all computer science engineering branches. This project aims at developing a web application for computer science department, so that both faculty and students can have a better communication where student related all data is displayed and can be accessed from anywhere around the globe. The motivation behind this type of project is that at present in our college there is no such portal where teachers and student can communicate easily so we came up with this solution. It is easy to access for new user, to subscript this tool they need to fill the registration form on index webpage, and then the administrator provides full access to user to enter into the system with his/her login ID and password. Here each registered user can access all information which is displaying on the tool.

II. PROBLEM FORMULATION

As most of the work is done manually or it is based on paper work such as class attendance, notes, quizes, asking for documents etc. These all process takes time. If we include all the work which will be based on online system, then it can reduce time and work.

III. LITERATURE REVIEW

There is no such system available for the department. The students need to communicate with teachers for every single detail which causes a unnecessary delay in between. There is a great problem of keeping record of performance of each student, profile of each person associated with the department. Moreover, students need to contact to the faculty for important updates about the department.

IV. METHODOLOGY

We developed our project using the software development life cycle. In the development of our product, we used the Agile model. The Agile [1] model is a model of SDLC which is a combination of two process models incremental and iterative. Computer Science Departmental Portal is developed on the basis of incremental process model [2] of the Agile model which allows the user to divide the large project into different parts/ modules

A. Technology

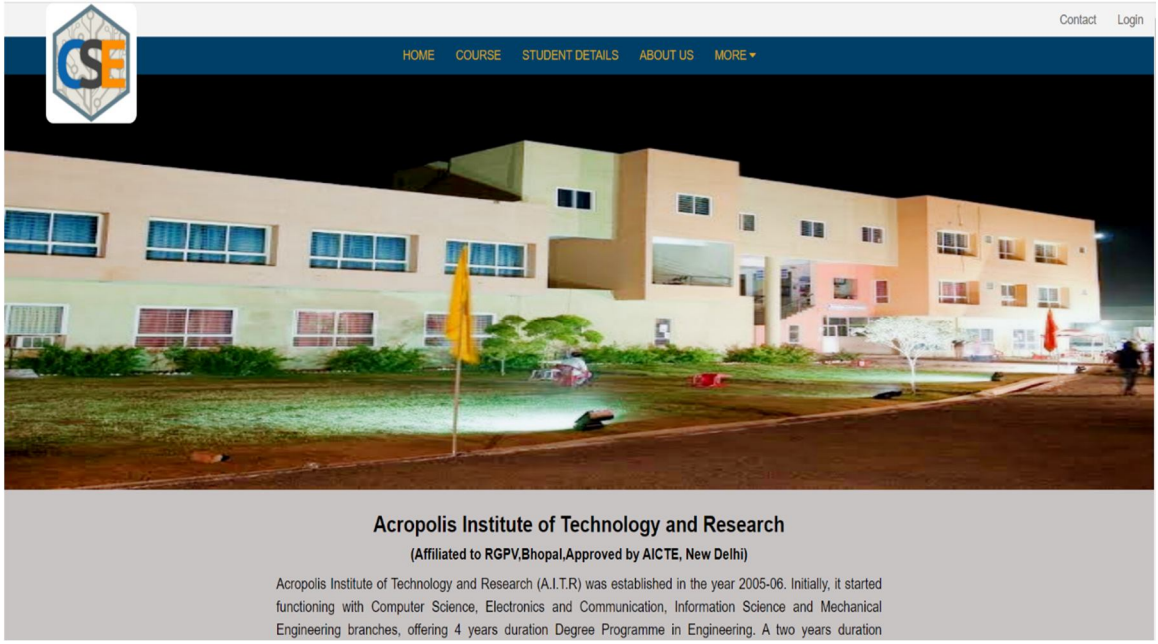
1) *HTML:* HTML (Hypertext Markup Language) [4] is the most basic building block of the Web. It defines the meaning and structure of web content. "Hypertext" refers to links that connect web pages to one another, either within a single website or between websites.
2) *CSS:* Cascading Style Sheets (CSS) [5] is a stylesheet language used to describe the presentation of a document written in HTML. CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.
3) *JavaScript:* JavaScript (JS) [6] is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments.

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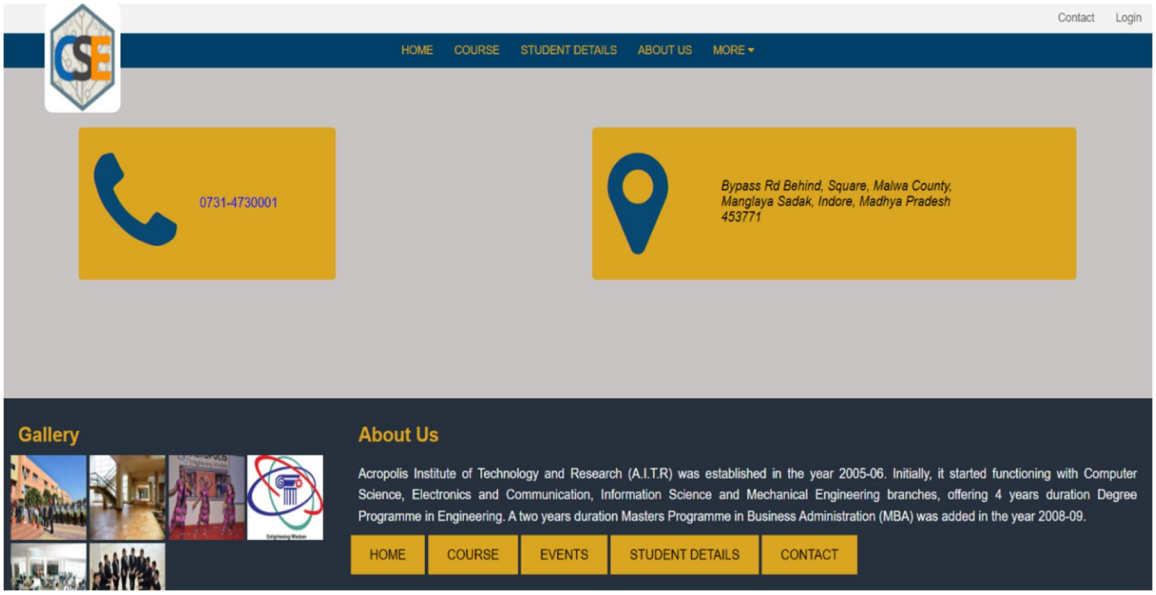
V. RESULT DISCUSSIONS

Our project provides appropriate information to users according to the chosen service. The project is designed keeping in view the day-to-day problems faced by a college. Deployment of our project will certainly help the college to reduce unnecessary wastage of time personally going to each department for some information.

This portal helps department's faculty to do regular activities accurately, quickly and reliably. The student satisfaction would be definitely higher when compared to the old existing system.



Screenshot-1



Screenshot-2

VI. CONCLUSION

This portal helps department's faculty to do regular activities accurately, quickly and reliably. The student satisfaction would be definitely higher when compared to the old existing system. As most of the work is done manually or it is based on paper work such as class attendance, notes, quizzes, asking for documents etc. These all process takes time. If we include all the work which will be based on online system, then it can reduce time and work.

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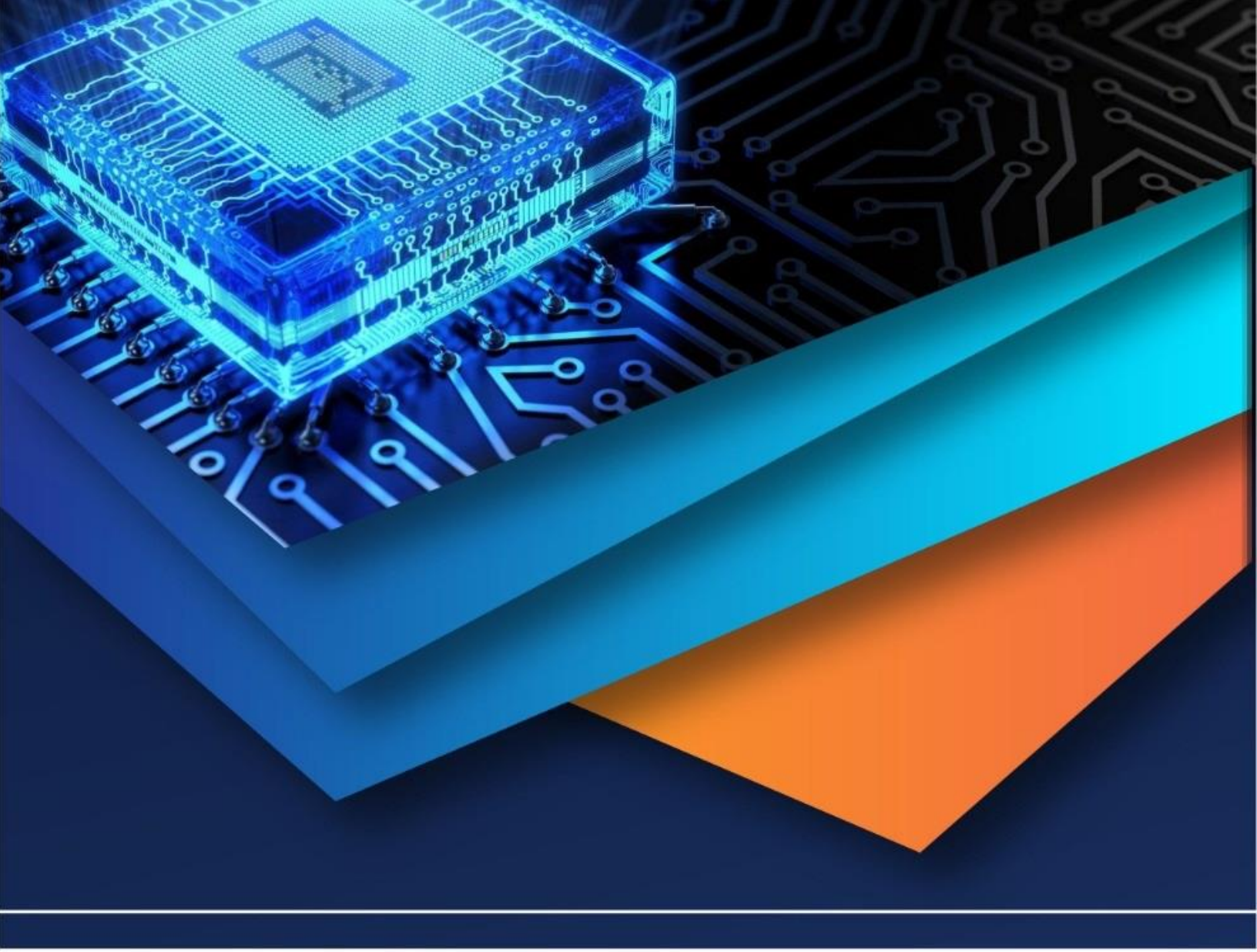
VII. ACKNOWLEDGMENT

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REFERENCES

BOOKS-
[1] Software Engineering by K.K. Aggarwal and Yogesh Singh.
[2] Software Engineering by Ian Sommerville.
[3] Software Engineering Concepts by Roger Pressman
[4] https://developer.mozilla.org/en-US/docs/Web/HTML
[5] https://developer.mozilla.org/en-US/docs/Web/CSS
[6] https://developer.mozilla.org/en-US/docs/Web/JavaScript

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