



# PUDOCs

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*Abstract* : Existing in current system there is a problem, The Data of students has affected the Universities in several ways. Faculties are also not able to done their event task on current and system forced to compete their work on-time physically. This research was targeted at providing a platform to which, Head of the Department can sign up and allot portfolio to the faculties according to their skill and allot some students. Then if faculties can do some Seminars, Webinar etc. and Head of Department can access those detail about particular seminars, webinars, etc. A place where they can work in the same collage or university with fellow students to achieve various tasks assigned. To achieve a high level of scalability and platform performance, ASP.NET C# MSSQL, JavaScript and JS, were used for developing the server-side. C# has an event-driven architecture capable of asynchronous I/O. These design choices aim to optimize throughput and scalability in Web applications with many input/output operations, as well as for real-time Web applications. The solution promotes Faculties and Students Data management with the use of technology.

*IndexTerms* – SQL db, ASP.Net, c#, JavaScript.

## I. INTRODUCTION

It is one type of Data Management Web Platform in which Faculty can arrange webinar, seminar,..etc. so that student could directly participate in that particular task through their login and faculties can see how many student had participated in their event along with that Head of Department and Principal can see those details directly through the login respectively. In student module they can upload their achievement that they have done outside the campus or college. In faculty module at which they can arrange event and give information about event and manage those events data easily through worksheet. In HOD module one can see particular event of a faculty of their own department if faculty had done any events. Besides this, there is principal module from which the principal of particular college can see what type of event as well as program their faculties have done and see those details.

## A. MOTIVATION BEHIND THIS WORK

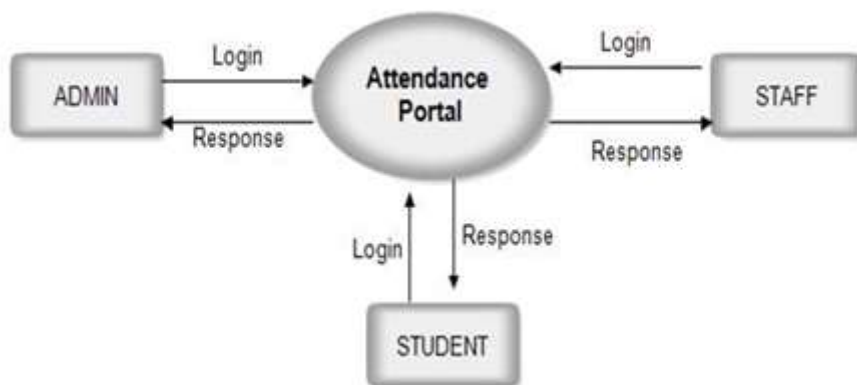
We Surveyed in our Department and we Think that we can create an portal where student can upload their personal details and other details like scholarship detail, etc and faculty of that department can access those detail so that Head Of Department directly can access those detail directly from this portal and make their work easy. This Generally a Departmental Level Web-Application, So this will be going to be usefull to collages or Universities to maintain their Students Data. The project was developed using the systems development life cycle methodology with an aim of solving the problem. This method was chosen because it follows a simple yet efficient means of development of the information system.

## B. Objective

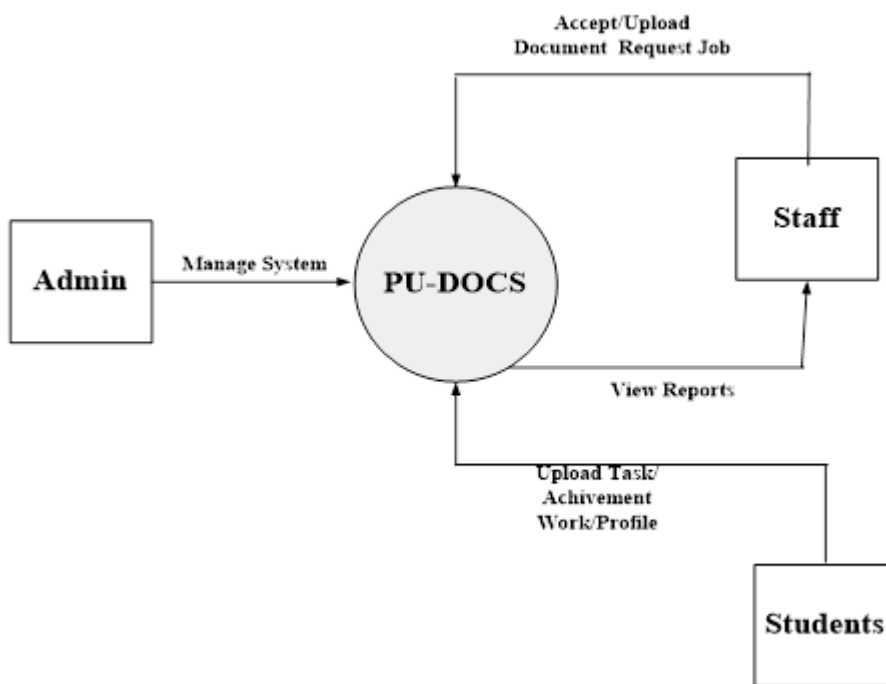
It will Easy for Faculties to Maintain Students Data and Easy for HOD to Allot Portfolios to Particular Faculty. Besides this, Easy for Faculty, HOD, Principal to see how Many Students are Participated in particular seminar. It will allow students to participate through their login if any event are going to happen and give brief about who are going to take event. The faculty who take particular event can generate final report about that event as well as higher authorities also access those details.

**C. Methodology**

**C(A): Existing system flow vs propose flow**



**C(A) 1:Flow of Existing System**



**C(A) 2 :Flow of Propose System**

**C(B) 1: Front-end Explanation**

**HTML** : The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.

**CSS** : CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

**JS** : It has dynamic typing, prototype-based object-orientation, and first-class functions. It is multi-paradigm, supporting event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model (DOM).

## C(B) 2 : Back-end Explanation

**C#** : C# was designed by Anders Hejlsberg from Microsoft in 2000 and was later approved as an international standard by Ecma (ECMA-334) in 2002 and ISO (ISO/IEC 23270) in 2003. Microsoft introduced C# along with .NET Framework and Visual Studio, both of which were closed-source.

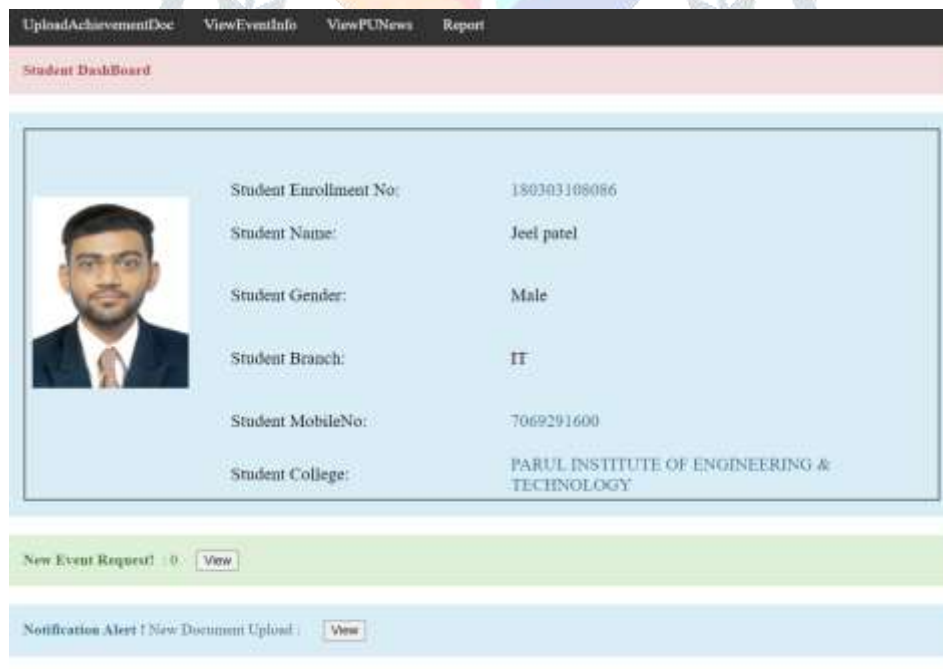
**ASP.NET Framework** : ASP.NET is a free web framework for building great websites and web applications using HTML, CSS, and JavaScript. You can also create Web APIs and use real-time technologies like Web Sockets. ASP.NET Core is an alternative to ASP.NET.

## II. Result and Analysis:

### A. Screenshot



II(A) HOME PAGE



II(B) STUDENT DESKBOARD



The screenshot shows the 'Parul University PU DOCS SYSTEM' interface. At the top left is the university logo. The header contains 'HOME' and 'LOGOUT' buttons. A navigation bar includes 'UpdateAchievementDocument', 'UploadEvent', 'UploadImportantNews', and 'Report'. The main content area features a profile picture of a man with glasses and a beard, followed by a list of personal details: Faculty Id: 5016, Faculty Name: Daivik patel, Gender: Male, Faculty ContactNo: 767772770, Department: IT, and Designation: AssistantProfessor.

II(C) FACULTY HOME-PAGE



The screenshot shows the 'Parul University PU DOCS SYSTEM' interface for a principal. The header is identical to the faculty page. The navigation bar includes 'ViewAllStudentInfo', 'ViewAllFacultyInfo', 'Report', 'Delete Record', and 'Download'. The main content area features a profile picture of a man in a suit, followed by a list of personal details: Faculty Id: 3138, Faculty Name: praharsh patel, Gender: Male, Faculty ContactNo: 6353369112, Department: IT, and Designation: Principal.

II(D) PRINCIPAL HOME-PAGE

The screenshot displays a web interface for a HOD Dashboard. At the top, there are navigation links: 'View All Student Info', 'View All Faculty Info', 'Report', and 'Download'. The main content area features a profile card for a faculty member with a photo and the following details:

- Faculty Id: 9162
- Faculty Name: Kamlesh patel
- Gender: Male
- Faculty ContactNo: 8511105950
- Department: IT
- Designation: HOD

Below the profile card, there are three notification bars, each with a 'View' button:

- New Request / Total Pending Request
- Notification Alert / New Document Upload
- Notification Alert / New Event Upload

### II(E) HOD DESKBOARD

#### B: Comparison Table of current and propose system

Features	PUMIS	PUDOCS
Arrange event through faculty login	NO	YES
Students can upload achievement	YES	YES
Allot portfolio to faculties	NO	YES
Students attendace	YES	NO

### III. Conclusion

It is essential for project to understand the requirements of the project in terms of functional requirements, non-functional requirements, resources, technicality, timelines, information availability, delivery expectations and costs. At the same time, it is equally or more important to communicate this understanding to the client upfront and advise the client of the assumptions. On receipt of project information in the form of functional requirements, specifications, use cases, we prepared a document of understanding which gives Understanding technical requirements, Assumptions and pitfalls in the project, Our understanding of the client's requirements, Estimated overall timelines and deliverables, Required Information, Our expectations from the client, Resource requirements, Approximate cost of the project. We thoroughly discussed and analyzed the entire document with the external Guide. We allocate enough time to requirement analysis phase to make your project a success.

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