

Implementation of PPDV College Student Management System

Maddala Prashanthi¹, Mr. P. Saikrishna², K. Charan Teja³

¹Assistant Professor, ^{2,3}Student,

^{1,2,3}Department of Computer Science and Engineering, JNTUK University College,
PPDCET, Vijayawada, Andhra Pradesh, India

ABSTRACT

Implementation of PPDV College student management system is a distributed software, developed to keep the info of student running in any corporation. It continues the information about the private details of their personnel. The application is clearly a set of Programs developed using Java. It is simple to recognize and may be utilized by everyone who is not even acquainted with easy personnel' device. 2121QIts miles user pleasant and simply asks the consumer to observe little by little operations by using giving him few alternatives. It miles speedy and might carry out many operations of a business enterprise. This software package has been advanced the use of the effective coding gear of JAVA at front end and square Server at lower back end. The software could be very person friendly. The bundle contains one-of-a-kind modules like worker details. This model of the software has multi-consumer approach.

Keywords: JFrame, MySQL, IntelliJ, Java

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I. Introduction:

Student management system is software which is helpful for student as well as the college authorities. In the current system all the activities are done manually. It is very time consuming and costly. Our student management system deals with the various activities related to the students. There are mainly 2 modules in this software 1) Admin module 2) Student module. In the software we can register as a user and user has of two types, student and administrator. Administer has the power to add new user and can edit and delete a user. A student can register as user and can check his details, and can send updated requests. The administrator can add edit delete remarks for students in recent years, the number of fresh graduates from colleges and universities across the country has only increased. In addition, graduates who have not been employed in the past have led to increased employment numbers and increasingly fierce competition for employment. In general, the employment situation of college students is becoming increasingly severe. It can be seen that the employment pressure of fresh graduates will stay relatively high for a rather long time in the future

[23]. Ideological and political education can help college students establish a correct world outlook, outlook on life, and values.

II. RELTED WORK

I am working on 10 research papers. Receive information. student management system includes operations like adding new student to the database, updating existing student, deleting student, retrieving all student data in table format, the last step is Delete all student. This article provides detailed information about EMS apps and student management systems such as EMS. Primarily, this Spring Boot web application processes student data and performs various operations on each student record in the database

III. EXISTING SYSTEM

Existing software systems often represent significant investments and play important roles in the ever day businesses of organizations. Many of these systems organizations need to plan how best to address these support issues. Some of the issues to consider are presented in this document with references to related

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standards for further detailed examination. Two tutorials, one based on software maintenance and another detailing a base recovery strategy are included.

IV.PROJECT OBJECTIVE

The main objective of the system is to reduce the paper work and to eliminate manual processes and to save significant staff time. Using this system, students can view student details, internal marks. Retrieval of any information related to student and fees payment. A fee report software where admin can add/view/delete accountant and accountant can add/view/edit/delete student, check due fee and logout.

Users of the System:

- 1) Admin

Functional Requirements

- 1. Admin
 - 1. Can add/view/edit/delete
 - 2. Can logout

V. PROPOSED METHOD

This method is chosen because it is the most suitable method to be applied in this project development. The reasons or justifications for choosing the agile model (scrum) are it allows stakeholders to get involved more compared to other models. It promotes interaction between clients from system and developer. By involving clients from system in every phase of development, it improves the developer’s understanding of the client’s requirements. Student Management System for a school is an unfamiliar system compared to other Student Management System. Thus, communication among stakeholders is important for this project. Next, it allows changes throughout the period of development. It provides flexibility to both parties, the clients from system and the developer thus improve the client’s satisfaction. It also can handle uncertainties in requirements very well. It can adopt new or changing requirements and can be fixed throughout the period as clients from system are still uncertain about what they need and want from the system. It also makes the process of system development more practical and effective as it allows continuous delivery or release of useful software.

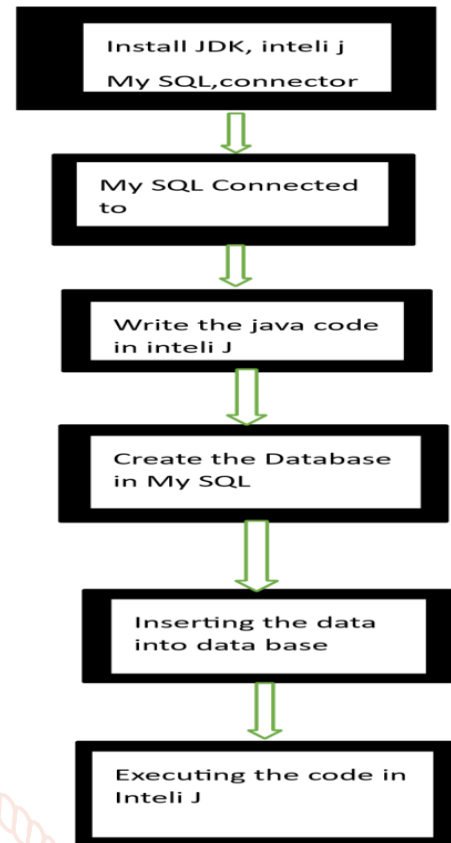


Fig: 5.1 Flow Chart

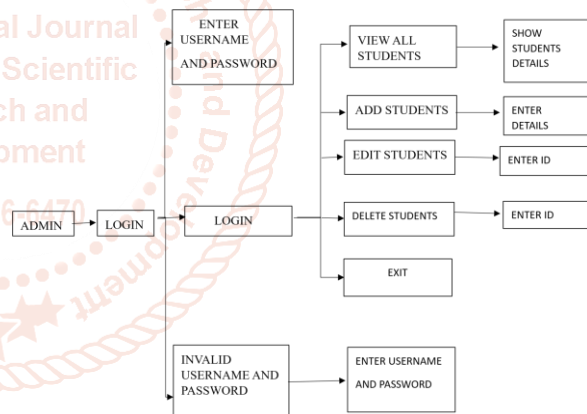


Fig: 5.2 Block diagram

VI.RESULT&ANALYSIS

This project uses personal employee data to implement the university's own employee data into the application.

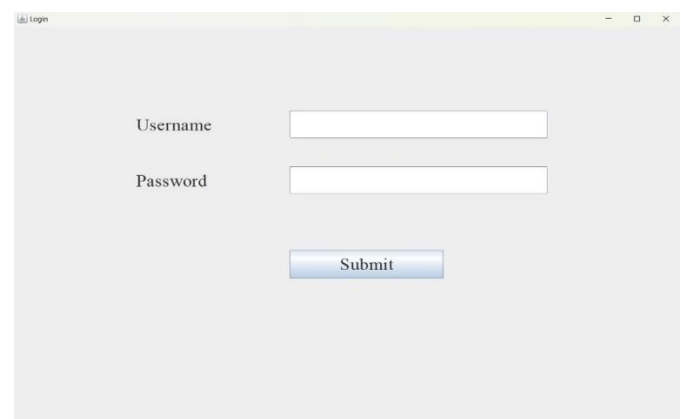


Fig:6.1 Login Page

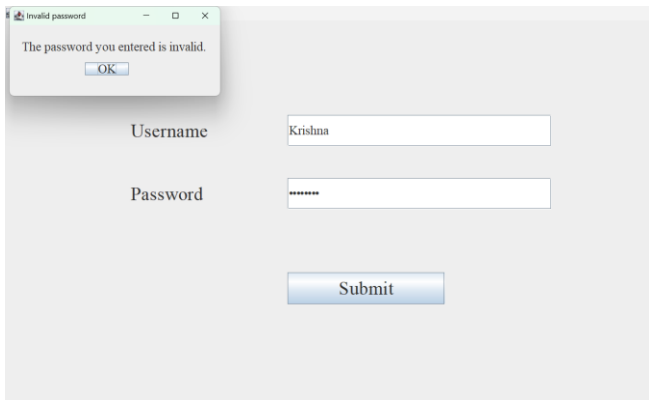


Fig:6.2 Invalid Username

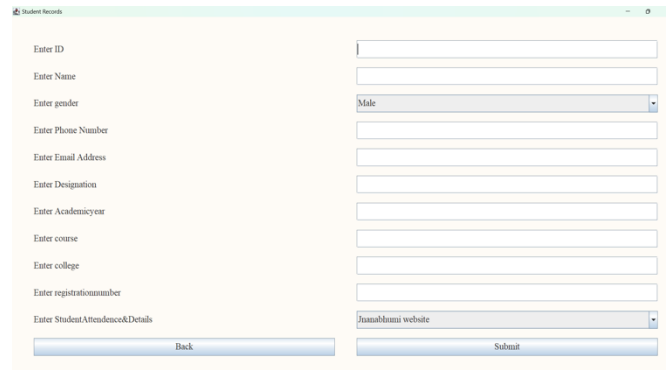


Fig:6.6 To Add Student Details

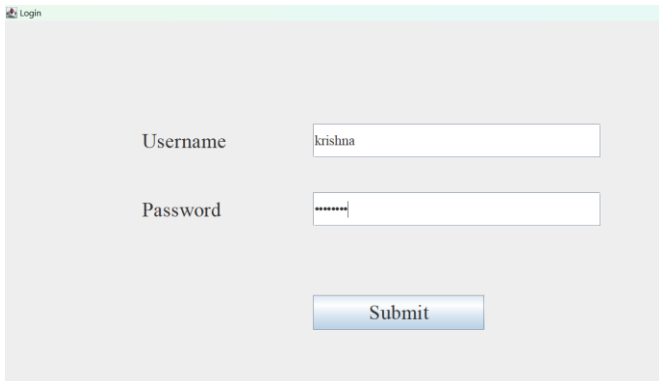


Fig:6.3 login page

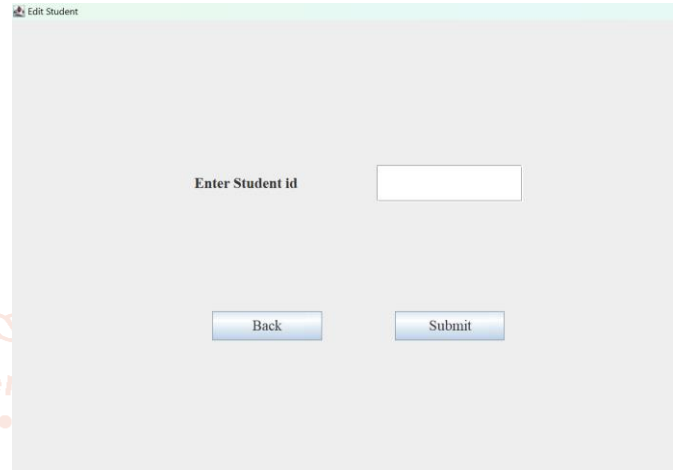


Fig:6.7 Enter Student ID

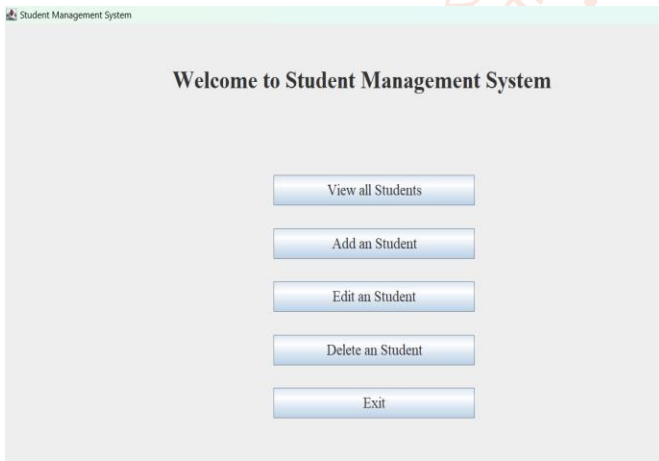


Fig:6.4 After admin login

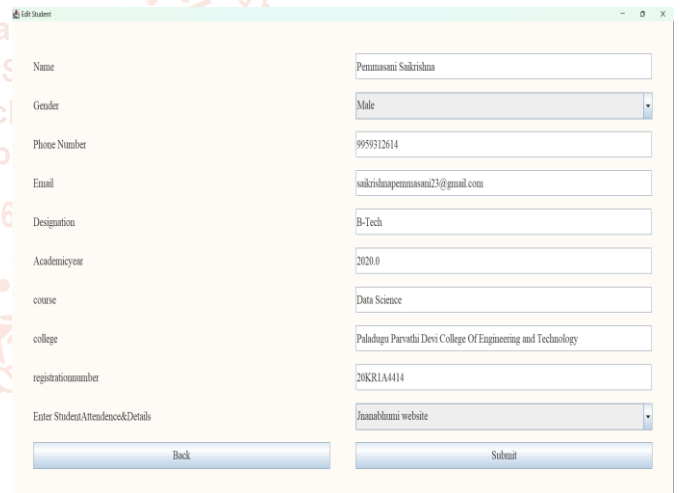


Fig:6.8 Edit Student Details

ID	Name
1	Penmasani Saikrishna
Gender	Male
Phone Number	9959312614
Email	saikrishnapenmasani23@gmail.com
Designation	B-Tech
Academy year	2020.0
course	Data Science
college	Paladugu Parvathi Devi College Of Engineering and Technology
registration number	20KR1A4414
Student Attendance & Details	Jnanabhumi website
ID	Name
2	Tarra Hemalatha
Gender	Female
Phone Number	8143747400
Email	hematarra72826@gmail.com
Designation	B-Tech
Academy year	2020.0
course	Data science
college	Paladugu Parvathi Devi College Of Engineering and technology
registration number	20KR1A4419

Fig:6.5 View Student Details

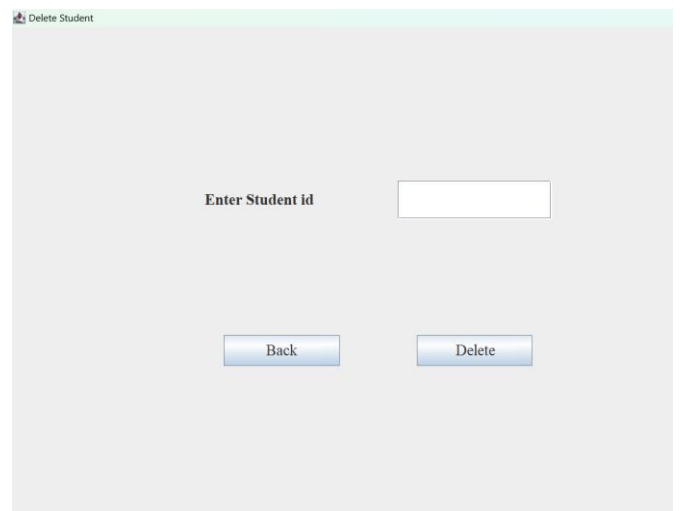


Fig:6.9 Delete Employee ID

When you delete Student, an invalid Student ID appears. Let's delete the top record transferred as Transferred Student or Terminated Student.

1. Delete the Student record by entering the unnecessary Student ID.
2. Deleted!

VII. ADVANTAGES

- Increased efficiency
- Improved communication
- Better data management
- Reduced costs

VIII. DISADVANTAGES

- Complexity
- Training
- Security

IX. CONCLUSION

It's usually a good idea to go with a student information system that's built on a current system architecture to keep up with changing needs. This system should include well-organized data coding and clearly defined business applications. The system's overview elucidates the convenience of exact data delivery at the tip of your fingertips, increasing student retention and teaching them how to manage their time effectively. The proposed method is efficient and user-friendly, based on the results of the experiments and tests. In comparison to current methods of managing academic institutions, this project, which produces centralized software, makes work administration and management easier and gives full information about the issue of users' interest with just one mouse click. An easy-to-use user interface centralized software can be offered to the educational institution, allowing all services linked with the university to interact with one another and share data. The user will be able to access the resources from afar because this is a Rest API. Because the application is built with a micro service architecture and agile methodology, services can be added in the future.

X. FUTURE IMPLEMENTATION:

In future we are adding authentication like biometric and face recognition and eye raise those all implementation possible in future we need the requirement of number of days and research work in case the present project work approval with real time application so we are ready with working in future implementation.

REFFERNCES

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- [2] PESIT University
<https://pesuacademy.com/Academy>
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