

# JARS WEB PORTAL

punctuality  
takes you  
places

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# ABSTRACT

- Managing the attendance using web applications, provide an alternative way in this direction.
- JARS Web Portal provide all information about attendance and student data.
- It also used to store student information , leave and complain process too.
- Main goal of our project is to minimize time of attendance entries.



# INTRODUCTION

- Our project JARS Web portal which helps college to store students attendance and student details.
- Our Project has daily attendance process, students details and leave and complain process.
- We have used separate modules for Admin, Staff, Student log in process.
- JARS Web Portal works in minimum system requirements.

# LITERATURE SURVEY

Meera Acadamy :

- The existing project of attendance is taken into account and created a software.
- It is the attendance management system which is developed as online web portal
- Our project has overcomes that lack of features in students attendance proposed system.

## Attendance Marking System :

- Mohammad Ausaf Anwar, Durgaprasad Gangodkar, “Design and Implementation of Mobile Phones based Attendance Marking System”, Department of Computer Science Engineering, Graphic Era University, Dehradun, Uttarakhand, India, 2015.
- They have used SQLite as a local database to store the data. For the purpose of demonstration of this application, they have used the WAMP (Windows Web Development) server using phpMyAdmin service.

## Student Attendance Management System:

- Karwan Jacksi, Falah Ibrahim, Shahab Ali, “Student Attendance Management System”, University of Zakho, Iraq, 2018.
- In this paper, the system is designed in a way that can differentiate the hours of theoretical and practical lessons since the rate of them is different for calculating the percentages of the student’s absence.

## Smartphone Integrated Smart Classroom :

Mahesh G, Jayahari KR, Kamal Bijlani, “A Smart Phone Integrated Smart Classroom”, Amrita e-Learning Research Lab (AERL) Amrita School of Engineering, Amritapuri, Amrita Vishwa Vidyapeetham, Amrita University, India, 2016.

# EXISTING SYSTEM

- The reduction in Paper material being used in traditional method of pen and paper based attendance system.
- It provides mobility to the users to access the attendance record at any time and at any place by carrying it if needed only.
- It is a old technology of using real time object.
- It is preferable for who has lack of technology knowledge person can also access the file.



## DISADVANTAGES OF EXISTING SYSTEM

- It is time consuming.
- It consumes lot of manpower to better results.
- It lacks of data security.
- Retrieval of data takes lot of time.
- Percentage of accuracy is less.
- Reports take time to produce.



# PROPOSED SYSTEM

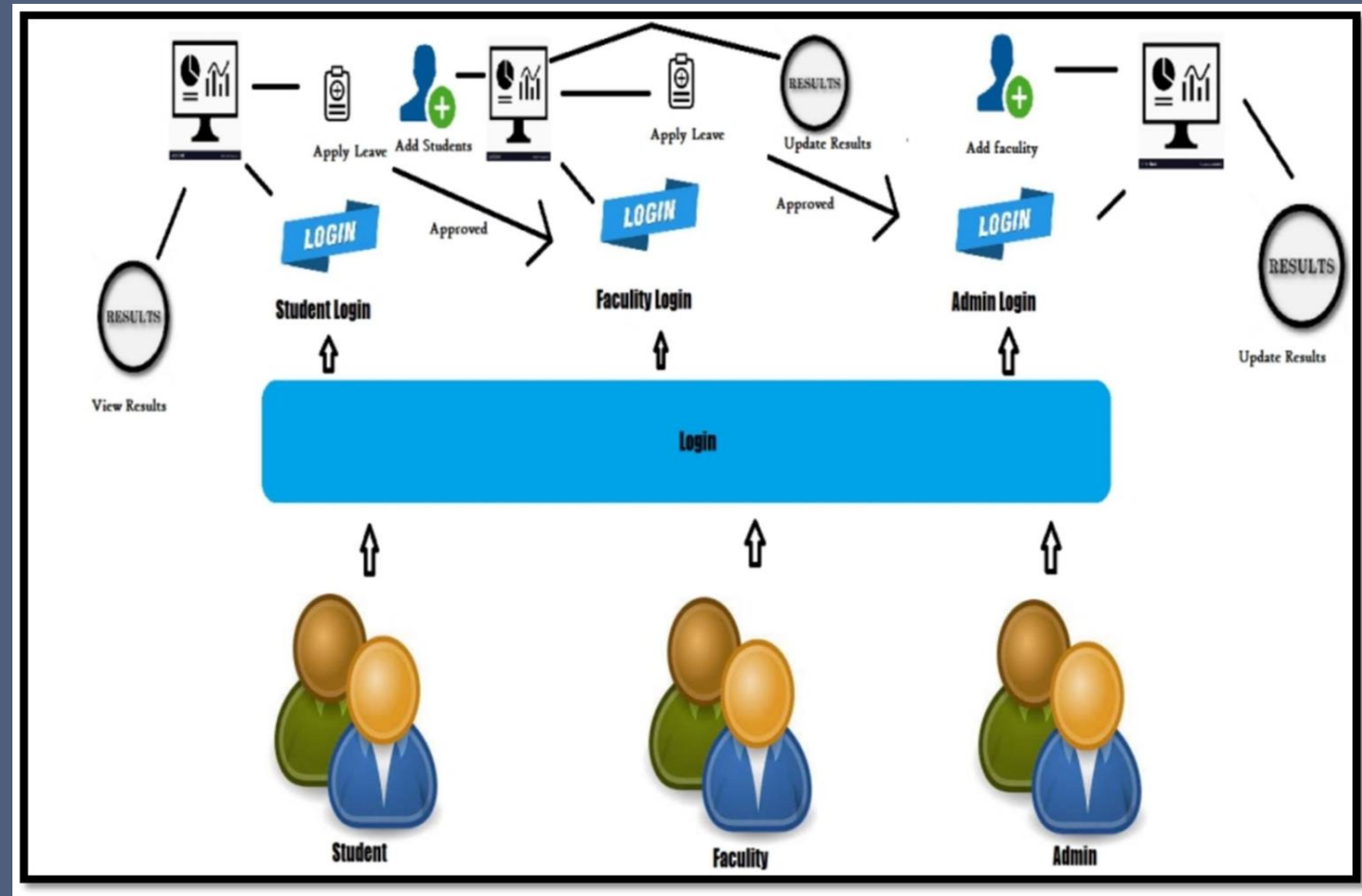
- Ease up the process of attendance.
- Better user interface.
- Made access to the record of attendance available 24X7.
- Student Information can be accessed.
- Leave and compline can be processed through online.

# ADVANTAGES OF PROPOSED SYSTEM

The Project has several features and easy to manage as

- The System is user friendly.
- Cost effective.
- Back up support.
- Secured Data.
- Easy up the access.

# ARCHITECTURE DIAGRAM



# SOFTWARE AND HARDWARE REQUIREMENTS

## HARDWARE REQUIREMENTS:

- Processor : Intel Pentium 4
- Operating System : Windows
- Ram : 2 GB Ram
- Hard disk drive : 128 GB

## SOFTWARE REQUIREMENTS:

- Operating system: Windows
- Front Design: Microsoft. NET framework 4.0, ASP.NET Version: 4.8.
- Front-End Language: C#
- Back-End: MS SQL

## SQL SERVER TOOL:

MS SQL SERVER Management Tool.



# MODULE LIST

## ADMIN

- Can create/delete an account.
- Can view the student's accounts.
- Can change the password.
- Insert/delete/edit the information of staff.
- Can see student information also.









## CONCLUSION

- JARS Web Portal deals with all kind of student details, academic related reports, college details, course details, curriculum, batch details and other resource related details too.
- It tracks all the details of a student from the day one to the end of his course which can be used for all reporting purpose, tracking of leave status, progress in the course, completed semesters years, coming semester year curriculum details.
- First is Admin Login where admin will update the new student and staff; second is the Staff Login who updates the attendance and leave status of the students; Student will be able to login and check their attendance and leave status .

# FORM DESIGN

## Home Module



The screenshot displays the 'JARS Web Portal' home page. At the top, there is a navigation bar with links: Home, Branch & Year, Staff, FeedBack, Admin Panel, and Contact Us. The main content area is divided into two primary sections. On the left, there are two login forms: 'Student Login' and 'Staff Login'. Each form includes fields for 'Login Name' and 'Password', a 'Login' button, and a small instructional icon. The 'Student Login' form includes the text: 'Student login with username and password and view reports.' The 'Staff Login' form includes the text: 'Staff can make attendance of student and generate reports after login to system.' To the right of the login forms is a large image of a teacher in a classroom. Below this image is a row of colorful cartoon avatars and the slogan 'Attend Today, Achieve Tomorrow'. The footer contains the copyright notice: '©2021 JARS WebPortal All Rights Reserved'.

## Admin Module



The screenshot shows the 'Admin Module' of the 'JARS Web Portal'. The page has a light blue background. On the left, there is an 'ADMIN MENU' sidebar with buttons for: ADD Standard, ADD Division, ADD Staff, Staff Details, Staff Detail Update, Complain, Leave, Student Details, Feed Back, and LogOut. The main area is titled 'ADD Staff' and contains a form with the following fields: Staff Name, Email, Mobile, Qualification, Address, City, Pcode, Gender (a dropdown menu with 'SELECT' selected), Photo (a file upload button labeled 'Choose File' with the text 'No file chosen'), StdName (a dropdown menu with 'SELECT' selected), UserName, Password, and Conf-Pass. An 'ADD' button is located at the bottom right of the form.

## Staff Module

The screenshot shows the Staff Module of the JARS Web Portal. The interface is divided into a left sidebar, a main content area, and a footer. The sidebar contains a 'Welcome Sathiyaraj' message, a profile picture, and a list of navigation links: Home, ADD STUDENT, STUDENTS LIST, DAILY ATTENDANCE, ATTENDANCE REPORT, STUDENT DETAILS, COMPLAIN, LEAVE, and PASSWORD. The main content area features an 'ADD ATTENDANCE' section with a dropdown for 'Branch/Yr. III CSE', a 'Select Division' dropdown set to 'A', and a table for attendance recording. The table has columns for RollNo, StudentName, Attendance, and a calendar for May 2023. The footer displays the copyright notice: © 2023 JARS WEB PORTAL. All Rights Reserved.

**JARS Web Portal**

Welcome Sathiyaraj

Home

ADD STUDENT

STUDENTS LIST

DAILY ATTENDANCE

ATTENDANCE REPORT

STUDENT DETAILS

COMPLAIN

LEAVE

PASSWORD

**ADD ATTENDANCE**

Branch/Yr. III CSE

Select Division: A

RollNo	StudentName	Attendance	May 2023
851320104003	Abdul Kalam	Present	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
851320104009	Danish	Present	

ADD ATTENDANCE

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## Student Module

The screenshot shows the Student Module of the JARS Web Portal. The interface is divided into a left sidebar, a main content area, and a footer. The sidebar contains a 'Welcome' message, a profile picture, and a list of navigation links: Home, MY Profile, LEAVE, COMPLAIN, ATTENDANCE REPORT, PASSWORD, and LOGOUT. The main content area features a 'Welcome to Attendance Portal.' message, a 'My Attendance' section with a table showing Total (3), Present (3), Absent (0), and OD (0), and a 'My Leave' and 'My Complain' section with a table showing 0 for both. The footer displays the copyright notice: © 2023 JARS Web Portal. All Rights Reserved.

**JARS Web Portal**

Welcome

Home

MY Profile

LEAVE

COMPLAIN

ATTENDANCE REPORT

PASSWORD

LOGOUT

**Welcome to Attendance Portal.**

**My Attendance**

Total	Present	Absent	OD
3	3	0	0

**My Leave**

**My Complain**

0	0
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# REFERENCES

## Books References

- Introducing Microsoft .NET, Second Edition author David S. Platt.
- Joe Mayo, “Microsoft Visual Studio 2010: A Beginner's Guide”, Tata McGraw Hill, 2010.
- Alex Mackey, “Introducing .NET 4.0: With Visual Studio 2010”, Press, USA, 2010.

## Websites

- <https://www.meeraacadamy.com>
- <http://msdn.microsoft.com/en-us/library/orm-9780596518455-02.aspx>
- <https://www.w3schools.com/asp.net/>
- <http://www.dotnetspider.net/>
- <http://www.stackoverflow.com>
- <https://www.codeproject.com>