

# AVP ULTIMATIX

## Web application for Pharmacy

**Mr. G. Deeban Chakkrawarthy M.E.,M.B.A<sup>1</sup>, Aswathy S Nair<sup>2</sup>**

Assistant Professor, CSE, JCT College of Engineering and Technology, Coimbatore<sup>1</sup>

B.E. CSE, JCT College of Engineering and Technology, Coimbatore<sup>2</sup>

**Abstract:** AVP (Arya Vaidhya Pharmacy) ULTIMATIX is a web based online monitoring system developing for a pharmacy. The system pass through the following procedure that it define projects and its objectives , define organizational units , define the key tasks associated with every employees and make a list of specific characteristics of their products. This will provide a well-developed environment between employees and authorities. This software project has been developed using the powerful coding tools of HTML, CSS, JAVA and JSP at Front End and Microsoft SQL Server at Back End. The software is very user friendly. The project contains modules like Admin, Employee, Director, Manager and Customer support Team. This version of the software has multi-user approach. For further enhancement or development of the package, user's feedback will be considered.

**Keywords:** AVP ultimatix system, employees, staff, human resources, leave sanction, work recordings, capital expenditure, asset management.

### I.INTRODUCTION

The objective of AVP ULTIMATIX is a well developed environment between employees and authorities. Every day, the details of how many labors are working in different sites should be collected and their attendance register is to be maintained. So, for every site separate staff and a register is retained. Another crucial part in a manual system is that, there are lots of difficulties in preserving and updating all the sections regularly. They have to keep individual staff for every job and also a large set of files are needed. To solve this crisis a computerized system is considered necessary. Scheduling is such a tool with which the process of intimating activities and notifications will be easy and even online in the organization where it is installed. But these task of scheduling the different activities if manually done whether they may be personal or official is time consuming and also may lead to confusion if not properly scheduled. The AVP ULTIMATIX is a distributed application, developed to maintain the details of employees working in any organization. It maintains the information about the personal details of their employees. To carry out all the tasks the management has appointed separate staff for each section and maintained a separate register for each department. These department are supervised by the respective charge holders. All this requires a lot of manpower. The system can do massive work within fewer periods and also maintain accuracy. It is reliable and hence the required works can be forwarded easily.

### II.EXISTING SYSTEM

The problem definition for designing the system is to maintain records , to make easy controlling employees, to divide jobs and access control of employees, to use technology for accurate and timely processing by fully privacy and full authority access. To carry out all the tasks the management has appointed separate staff for each section and maintained a separate register for each department. These department are supervised by the respective charge holders. All this requires a lot of manpower. The objective of the employee management project is to set up status of employee and attendance of employee and monthly salary process and delivery. To eliminate or reduce as much as possible the hardships of existing system and avoid errors while entering data.

Disadvantages :

- Resources are limited in the existing application.
- User's desired requirements cannot be satisfied.
- Employees can't make a easy way of communication with organization.
- Managing files and tasks is more difficult.
- Time-consuming process.

**III. PROPOSED SYSTEM**

The proposed system is designed to Convert present manual system to a computerized system and eliminate all the drawbacks of the existing employee management software. AVP ultimatix is a web based online monitoring system developing for a pharmacy. The main features to be added include:

- Assets Management
- Leave portal
- Records management
- Capex
- Customer support team

The system shall be responsible for maintaining information about employees and update assets details. The system shall manage the leave portal to acceptance/rejection of leave requests as well as all employee projects with close monitoring of the work records from creation to completion and assist in monitoring active and inactive employees. Staffs will upgrade each capex for the development of the organization. There having a team who are provide better service to customers.

Advantages :

- Provide a better communications
- File management
- Reports should be generated by the staffs
- Managing staffs and employees in a proper manner
- Provide a well structured working system

**IV.IMPLEMENTED SYSTEM****A.SYSTEM REQUIRMENTS**

Hardware Configuration

- Processor - Pentium –IV
- Speed - 1.1 Ghz
- RAM - 256 MB(min)
- Hard Disk - 20 GB

Software Configuration

- Operating System : Windows XP
- Programming Language : JAVA
- IDE :NETBEANS
- Database :SQL

**B. Module Descriptions**

**1.Admin:**The admin can add Director and manage their details. They can view user information such as user's details, complaints send by them .Admin will view the reports of each projects .Admin controls all the system's functionalities.

**2.Director:**Director Manages the leave portal of the organizations .Director can view the details of all employees and users. And do the judgment of reports .Checks the projects .Issue a feedback to admin and view notifications from admin.

**3.Manager:** Manager can view the details of employees and users .Can communicate with admin and director .Issue notifications to employees .Manage all projects and requirements of users.

**4.Employees:** Employees can login to the system and view the notification from manager.They can upload reports and view users with their requirements .Send feedbacks to Manager. They can send requirements to the managers and send feedback to the admin.

**5.Customer Support Team:** Support team will listen the feedbacks or requirements from customers. They will provide a better service to them.

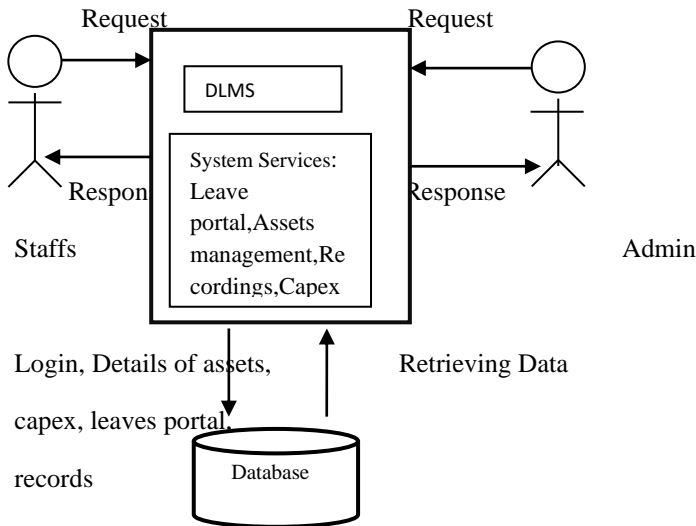


Fig: System architecture

## C.SCREENSHOTS

Fig: Login

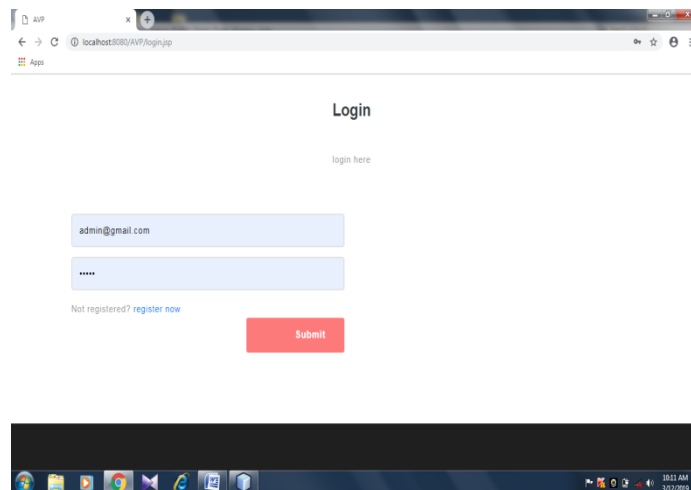


Fig :Asset Management

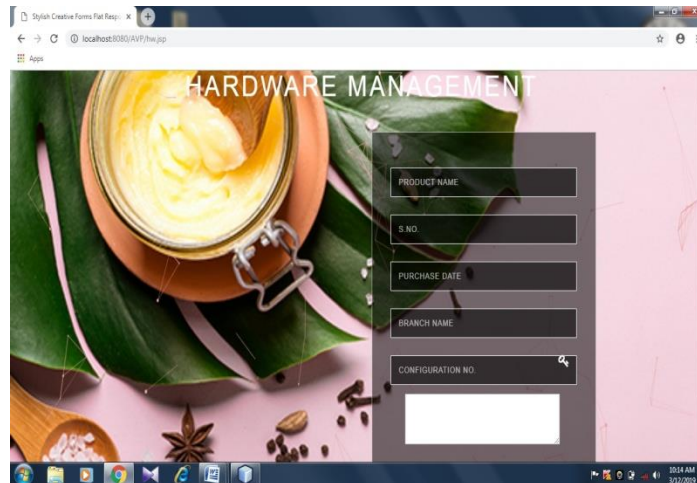


Fig : Capex

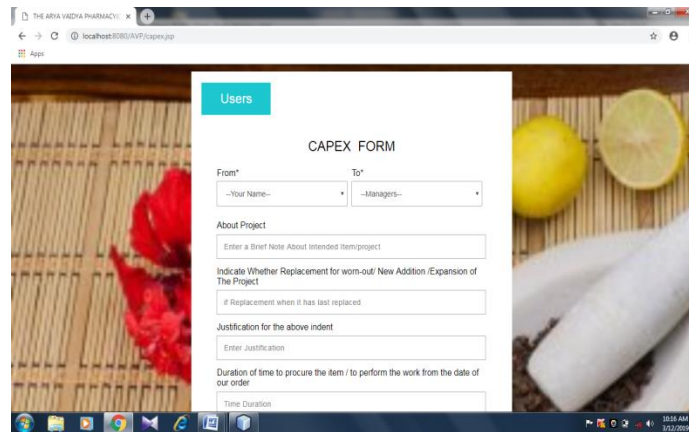


Fig :Work Reports

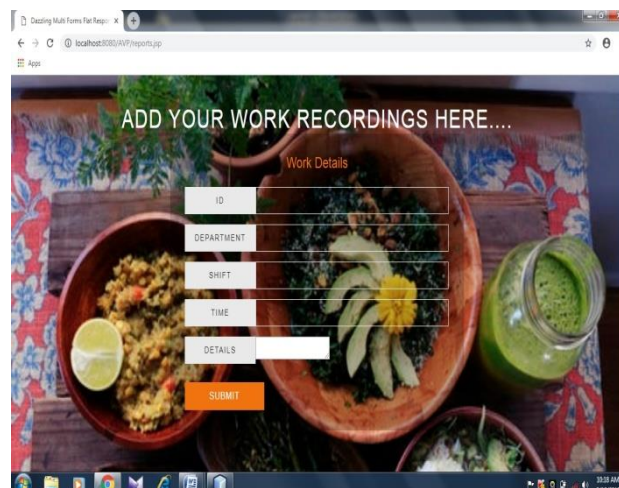
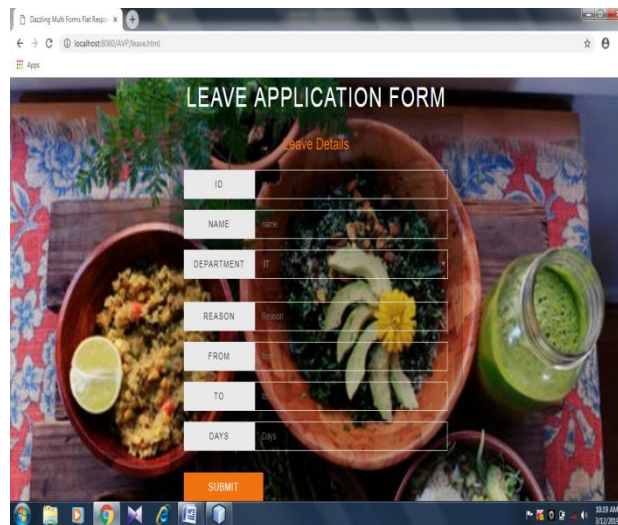


Fig :Leave portal



## V. CONCLUSION AND FTURE ENHANCEMENT

### A.CONCLUSION

Overall, the system is useful for all the users to maintain information at various levels. It connects admin, staffs and employee and thus easy to maintain. Now admin can easily set the task or any notifications to the respective employees without having a person to send to employees and employees can apply for leave or reply with task allotted to them. The system can maintain and manage assets, capex and working records of the organization. This can be provide a well support to customers. It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for us as it provided practical knowledge of not only programming in JAVA, HTML, CSS and Oracle MySQL Server Developer working of web-based application, but also about all handling procedure related with Advance and new technology. It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

### B.FUTURE ENHANCEMENT

The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Improvements can be appended by changing the existing modules or for security demonstrate a protector tool which can be developed in any platform very easily so that the vendor can protect the software not only for being pirated but also capable of limited period expiration of software. This strategy will provide easy and low cost protection which is more effective than MAC address authentication. This tool is very useful for desktop applications which use internet for their internal working, as it provides server based authentication, but is also feasible for those applications that do not use internet as it has client side authentication also

## REFERENCES

- [1].Julie Bulmash, "Human Resource Management and Technology", Chapter 3
- [2].TECH HRM (Human Resource Management System), Retrieved: November 4, 2013. From: <http://www.techjetsolutions.com/brochure/TECHHRM.pdf>
- [3].Renae Broderick, John W. Boudreau,"Humanresource management, information technology, and the competitive edge", Academy of Management Executive, 1992 Vol. 6 No. 2
- [4].Centralized Employee Information,Retrieved: July 8th, 2014. From: <https://www.zoho.com/people/employee-management-system.html>
- [5]. HR and Employee Mngement Software, Retrieved: July 8th, 2014. From: <http://www.getapp.com/hr-employee-management-software>
- [6]. Ian Sommerville, "Software Engineering", 9th Edition, Addison-Wesley, 2011.
- [7]. What is Enterprise Resource Planning (ERP)? Webopedia. Retrieved: January 17, 2014, from: <http://www.webopedia.com>
- [8]. Avison, D. and Fitzgerald, G. (2003).Information systems Development Methodologies, Techniques and Tools.3rd Edition. McGraw-Hill Education Limited Bershire
- [9]. Zhiming, L, July 2002 ,Object-Oriented Software Development with UML Retrieved: July 16th 2010. From: <http://www.iist.unu.edu/www/docs/techreports/reports/report259.pdf>
- [10]. Juan Manuel Munoz Palacio, Information systems development methodologies for Datadriven Decision Support Systems, 2010.