Chapter 1

INTRODUCTION

1.1 Preamble

The project titled Research Paper Management System is a management software for monitoring and controlling the uploading and downloading the paper.

The project Research paper management system is developed in php.

Which mainly focus on the operations like adding a new paper ,searching paper and admin have the access to view all the papers that have been inserted.

This system can run on any operating system. Designed to help users or admin to maintain the papers. Our software is easy to use both user and admin. It features are user friendly like an attractive user interface, combined with storing, searching, inserting a paper.

The Research paper management system has four main modules:

Insertion to database module - User friendly input screen

Extracting from Database module - Attractive output screen Search facility system – search papers these days, a lots of research papers are stored on computers and servers using database which can be easily accessible to users at any place as long as they get permission to view the documents.

1.2 Literature Review

The importance of research paper has long been recognized by academics and practitioners from a variety of functional disciplines. Seeks to bring together this diverse body of knowledge into a coherent whole. To ensure that the key issues are identified, focuses on the process of research paper management system design, rather than the detail of specific measures. Following a comprehensive review of the literature, proposes a research agenda[16].

The Research paper management system is designed in a specific form for storing papers into databases at which consists of all the details of the person as well as which type of paper is being published. All this information will be stored inside the database[15].The Admin can see who all are the registered user and research papers submitted by them. And also there is a counter to distinguish between international and national papers[17].All the manual activities are now can be done using computerized system.

1.3 Problem statement

A lead-in that helps ensure the users to manage there research papers.
A declaration of originality [e.g., mentioning a knowledge void, that will be revealed by the literature review], An indication of the central focus of the papers [establishing the boundaries of analysis], and An explanation of the papers significance or the benefits to be derived from investigating the research problem.

1.4 Methodology of the project

User registrations are done by using registration module where the details of the users are added to the database. Users can login by using the credentials which are provided by them during registration. Administrator is given the privilege to view the details regarding the instances.

1.5 Technical Features of the project

The registration is done by the user , the request is processed in the application and the user is confirmed for the login to the system. The administrator has the control over the list of papers and he can view the features.

Chapter 2

Project Description

The project "Research Paper Management System" is a manly depend on the two persons they are Admin and user. They have their own username and password. They can login with that id and password.

The admin have to login first afterwards he/she can view the paper, author and contacts. And admin can upload the research paper and also download the paper. And admin can view the all information of the paper like author details.

The user also same as the admin process but he/she can upoad and download the paper. User also have the valid id and password. They cannot login without id and password.

The project "Research paper management system " is developed in php. And it will stored in the database. When they want they can view the paper. And can download or upload the paper.

Project is mainly focus on managing the research paper, like adding a new paper and searching paper and facility to reading a papers. It will help full to them in future for doing higher studies or research.

"Research paper management system" it is one of the application it is used on any operating system. Designed to help users and admin to maintain the papers. this software is easy to use both user and maintainer. This user friendly like an attractive user interface, storing, searching, inserting a paper.

The Research paper management system has four main modeling

Insertion to database module - User friendly input screen

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Chapter 3

Requirement Analysis

Stake holders	Requirements	Constraints
User	System should upload the authenticated users papers	Feasible and implementable
User	System should provide downloading option and viewing option for authenticated users	Feasible and implementable
Admin	System should provides details of all the research papers and user details for viewing	Feasible and implementable

Chapter 4

Software Requirement Specification

This section list the requirements of the system that would be needed to run the System efficiently. It would list the Operating System required that would allow the system to run effectively,

4.1 Introduction

The interface that would be required to run the application, web applications and the third party tool that would be used for editing purposes.

The Research paper Management System shall provide minimum hardware requirements. The following hardware configurations are required for a computer for using the Research Management System:

4.2 Hardware and Software Requirement

Pentium processor

500 MB of free hard - drive space

128 MB of RAM

1.Operating System: Windows (Vista/Windows 7) or MAC OS or Linux OS

2. Web Brower: Internet Explorer (8.0 and above), Mozilla Firefox (3.0 and above), or Google Chrome

4.3 Functional Requirement

Admin login

• **Introduction:** Administrator is provided with a login page where the credentials of the administrator are accepted and given access to the home page of the administrator. Here the administrator can add the details related to the event organizing.

• **Input:** Username and password of the administrator has to be given as input.

•**Processing**: The credentials of the administrator are verified by the credentials which are stored in the database that of administrator's.

• **Output:** The administrator is given access to the homepage where in the administrator perform the tasks related.

Customer Registration

•**Introduction:** Customer is directed to the customer registration page where the details (such as name and contact details) of the customer.

•**Input:** The customer has to give name, address, email, phone number, password to be assigned as the input.

•**Processing:** The details given by the customer are stored in the database and an id is generated in the which has to be used as the user id during login.

•**Output:** The customer is redirected to the homepage of the application after the details are successfully registered.

User login

•**Introduction:** The user is provided with the user login page where the user has to enter his/her credentials.

•**Input:** The user's credentials are accepted as input.

•**Processing:** The credentials given by the user are mapped with the credentials with the details given by the user at the time of registration which are stored in the database.

•**Output:** The user is given access to the user homepage where in the user can perform operations such as viewing details.

4.4 External Interfaces Requirements

Login to the system: The system shall recognize the user based on the login information (i.e., username and password), and based on the user's role, the system will show a different interface

The Research paper Management System shall have two types of access/login

1.User

2. Admin The Research paper Management System shall only be accessible to specified users and Admin with a valid username/password.

4.5 Design Constraints

1. Hardware Limitations: The minimum hardware requirement for the system would be 128MB of Ram and a 32-MB hard-disc drive.

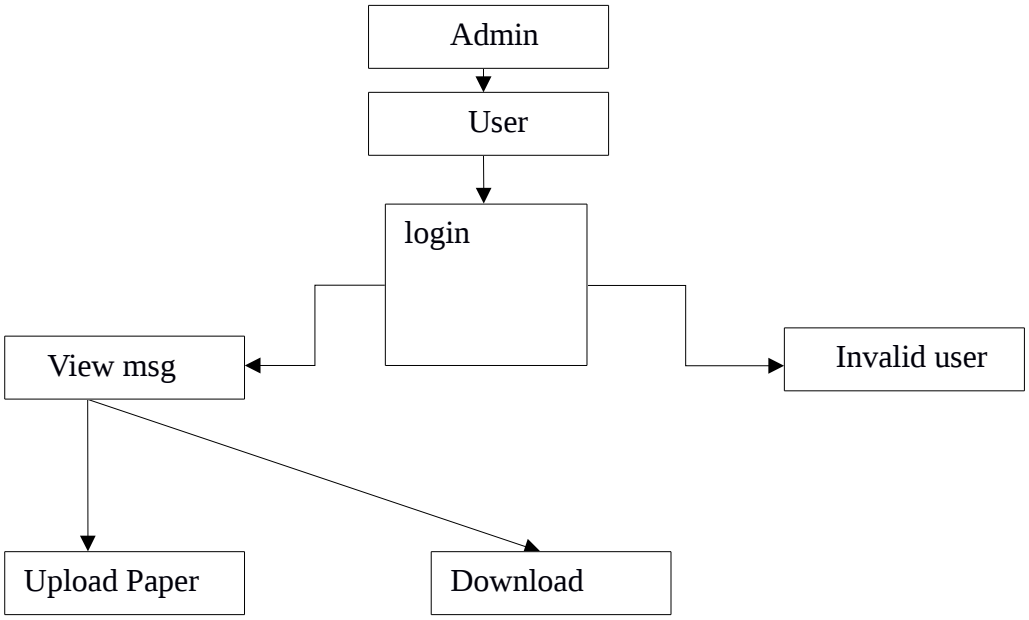
3. Accessibility: Initially, the software should be available as a desktop application for a small

set of users to test.

4. Others: The application should be built using PHP and should be accessible through the World Wide Web.

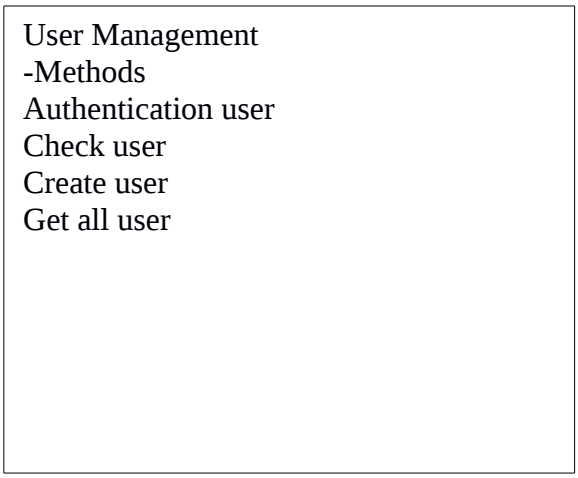
Chapter 5: Analysis and Design Specification

5.2 Activity Diagram



This section would list the Activity diagram and would describe the flow of Activities in the System. A detailed description is than followed after the figure for each activity. Figure provides the overview of the Research paper Management System.

5.3 Class diagram



1. **User Management:** This class is used to get the user information from the database and is also used for authenticating the users. Figure shows the methods that are used in this class.

Authenticate User: This message is used to authenticate a particular user who has provided the login credentials and wishes to login in the system. This method checks the credentials from the database.

Check User Name: This method is called in the Admin section, when the Admin creates a user. Before creating the user, this method checks to see if the provided user name is already in use.

Create User: This method will save the details provided in the database. The user login will be functional immediately after the execution of this method.

Get All Users: This method displays the complete list of available users in the system.

5.4 **DFD**

Admin:

Level 0 :

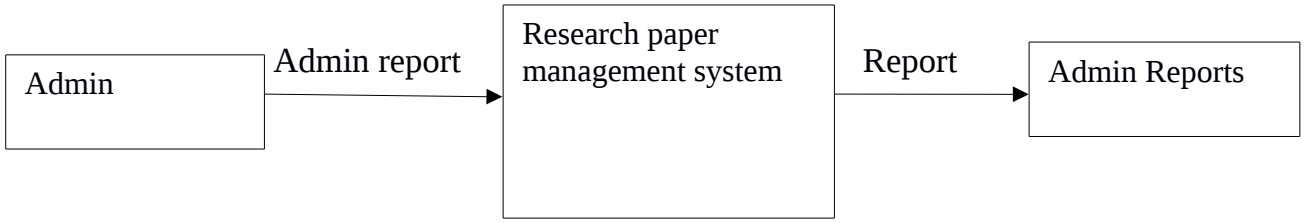


Figure 5.4.1: Admin 0 Level

Level 1:

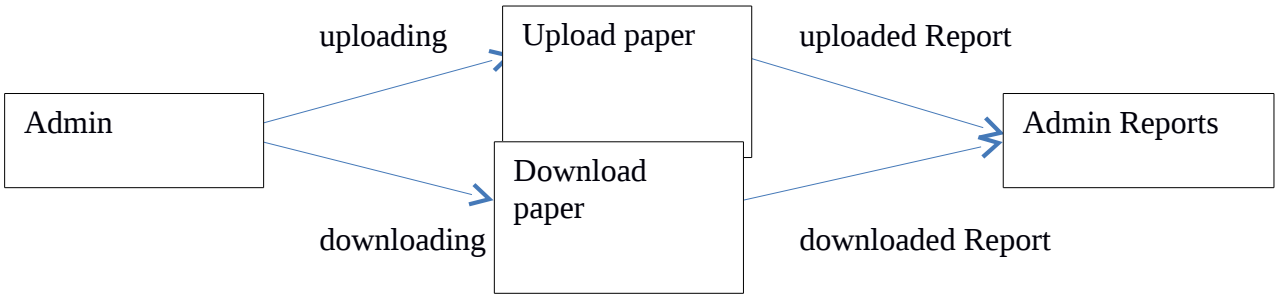


Figure 5.4.2: Admin 1 Level

User Level

Level 0

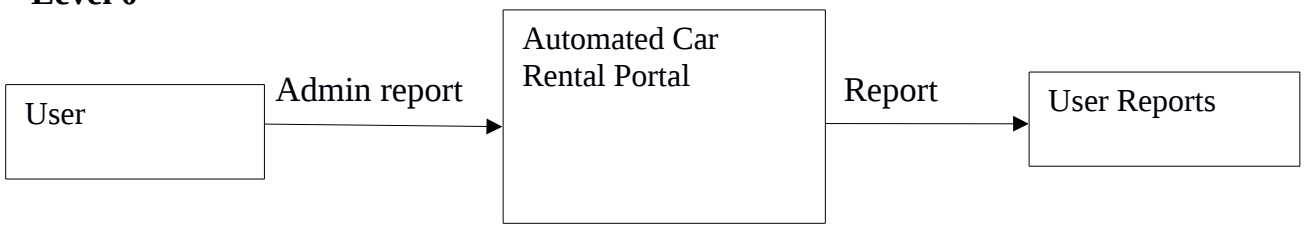


Figure 5.4.3 Level 0

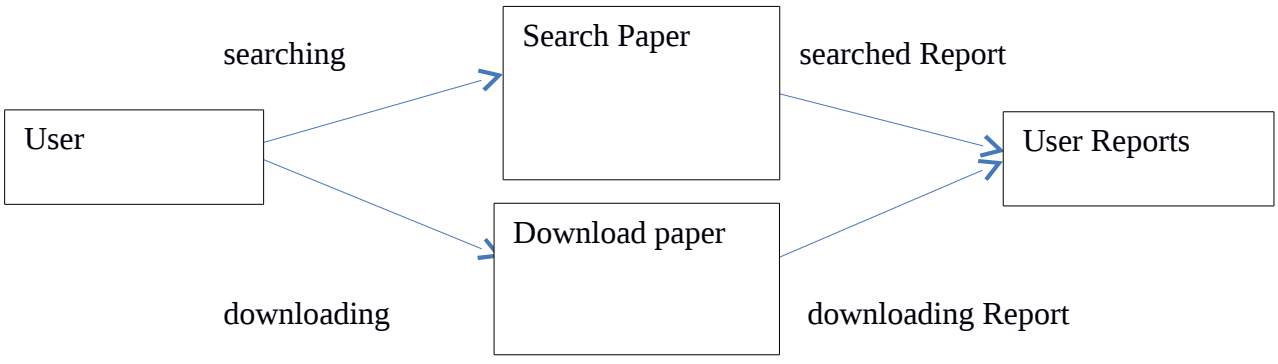


Figure 5.4.4 User level 1

Chapter 6

Implementation

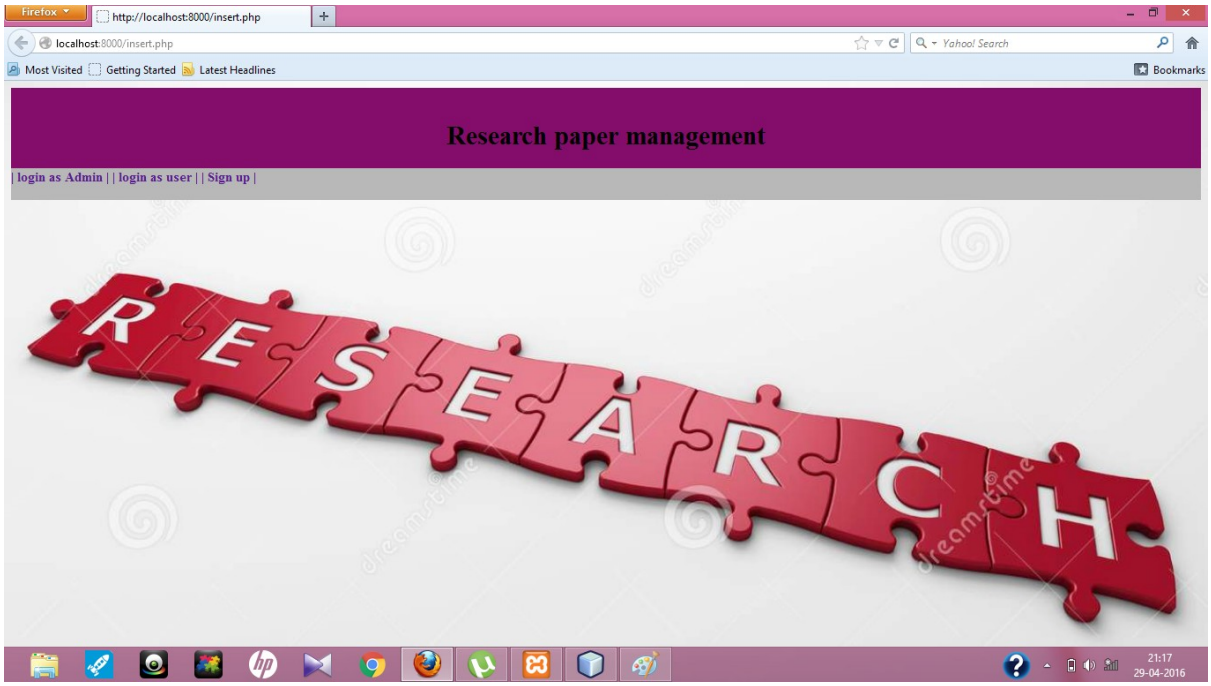


figure-6.1

This is a login page in which there a seperate login for user and admin.If user is new to the system then he/she has to sign up first.

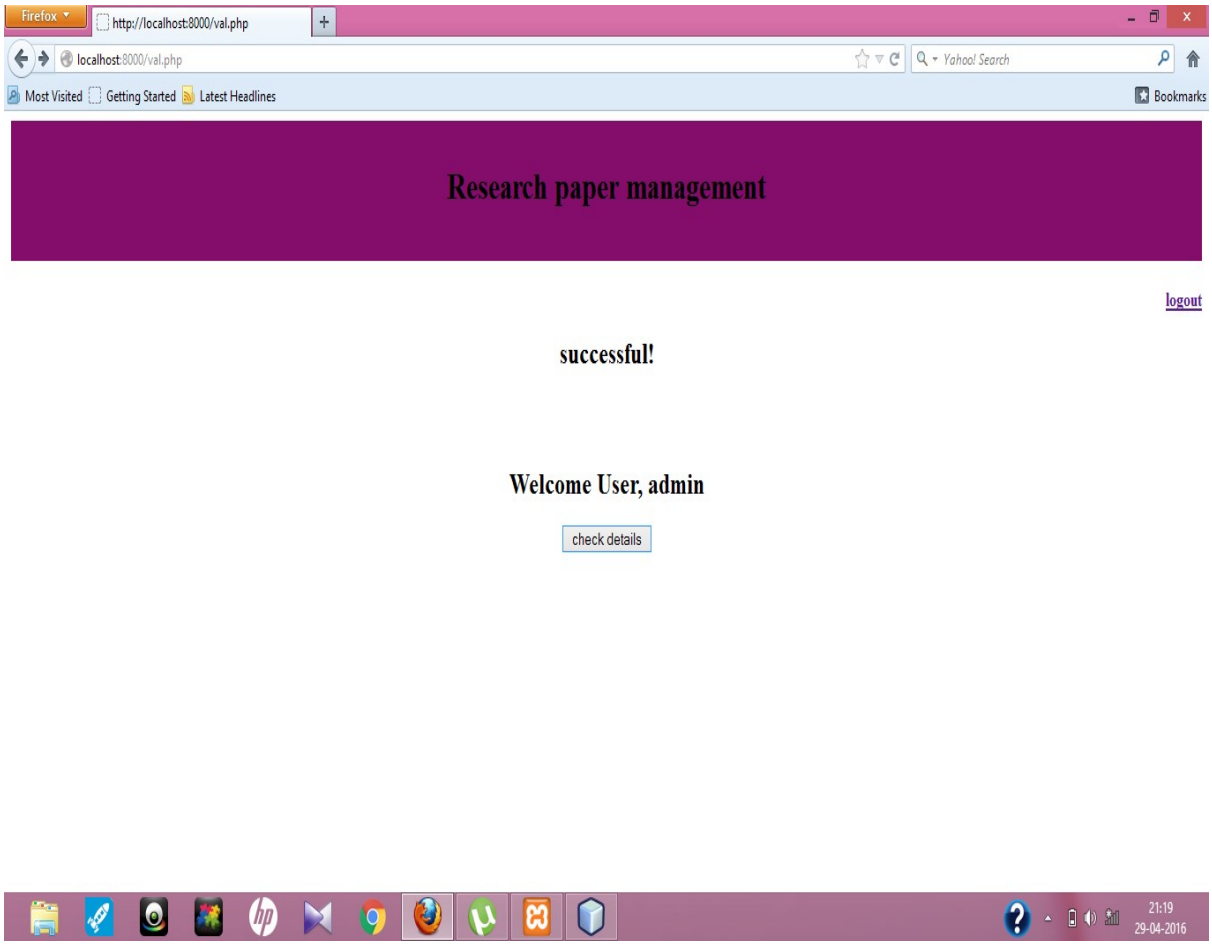

Firefox
http://localhost:8000/val.php
localhost:8000/val.php
Yahoo! Search
Most Visited
Getting Started
Latest Headlines
Bookmarks
Research paper management
logout
successful!
Welcome User, admin
check details
21:19
29-04-2016

figure-6.2

After the successful login of the admin immediately this page(fig-2) will be obtained. And this page by clicking the button check details he can view the details of the research papers.

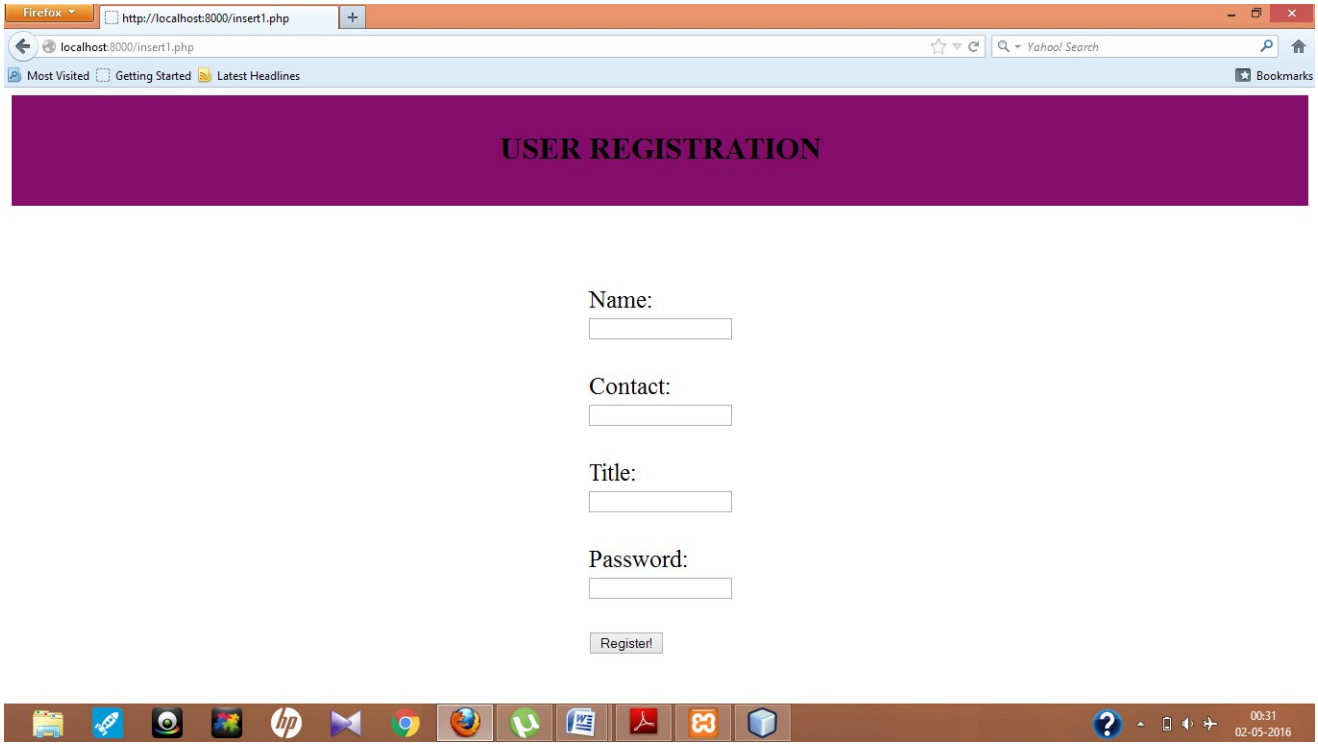


Figure-3

If the user want to insert the research paper into database but if he is not yet signed up then he has to first sign up using the above page.


Firefox
http://localhost:8000/insert1.php
http://localhost:8000/regretrive.php
localhost:8000/regretrive.php
Yahoo! Search
Most Visited
Getting Started
Latest Headlines
Bookmarks
NAME
CONTACT
TITLE
vinay
78945612
analysis kjk
vijayk
789
fghfh
vijayyy
99
vat
chittu
789453255
jnfljfn
sumedh
7891425
ada
siddu
21356
fsds
CLICK to view files
00:33
02-05-2016

Fig-4

This figure shows the name, contact number and the title of the project which have been inserted. And by using click to view files the contents of the file can be seen.

Source code:

insert.php

```
<!DOCTYPE html>
<html>
   <head>
      <style>
         a{text-decoration: none;
           background-color: none; }
      </style>
      <title></title>
      <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
   </head>
   <body background="sharu.jpg" style="background-repeat: no-repeat; background-size:100%;">
      <div  id='head' style=" background-color: rgb(126,10,100);b height: 100px; padding-
top:15px;background-size: 10% 100%;" >
        <h1 align="center" style="color:black; font-size:30px; ">Research paper management</h1>
        <div style="background-color: activeborder; background-size:10%,10%; "><h2
style="color:green; font-size:15px;">
           <a href="login.php">| login as Admin |</a>
           <a href="userlogin.php"> <span>| login as user |</span></a>
           <a href="insert1.php"><span>| Sign up |</span></a><br><br></h2>
        </div></div>
   </body>
</html>
```

test.php

```
<?php
 include 'master.php';
// $name=$_POST['name'];
 $title=$_POST['title'];
// $type=$_POST['option'];
 $targetfolder = "testupload/";

 $targetfolder = $targetfolder . basename( $_FILES['file']['name']) ;
 $b=basename( $_FILES['file']['name']);
if(move_uploaded_file($_FILES['file']['tmp_name'], $targetfolder))

 {

 echo "The file ". basename( $_FILES['file']['name']). " is uploaded".$targetfolder;
 $con=mysqli_connect("localhost","root","chittu","research");
 if(!$con)
 {
    echo"error";
 }
 $sql="insert into test values('$b','$targetfolder')";
 $sqli="insert into paper_detail values('$name','$title')";
 mysqli_query($con,$sql);
 mysqli_query($con,$sqli);


 }

 else {

 echo "Problem uploading file";

 }

 ?>
```

Chapter 7

Testing

This chapter follows up with the testing methods that were used during the validation of the system. The Conclusion and the Future Work for the software are also given.

7.1. Methodology

The method used while testing this software was different than the conventional testing route followed in the software industry. This testing approach was valuable for the software and was easier because the user was familiar with the methodology.

In this approach, as the specs were ready for a prototype to be shown, the tester started writing his or her code and saw if he or she could obtain the same results as the specs mentioned. This way, the specs were tested on each prototype, and continuous testing was applied. This also helped in minimizing the testing that would have to be implemented at the end of the software lifecycle. In the process, all aspects of the software were tested. Steps to follow while implementing the methodology:

Start with a base functionality that you want to implement.

Create a document with the detailed requirement definition, an activity diagram with a description of the flow, database tables that would be used and component diagram and description of each component with precondition and tables that would be affected by the component.

Give the document to the tester, and work with the tester while he or she writes the code to check if the steps in the document can be implemented and if the result of each use case can be achieved.

Chapter 8

Conclusion

The following results have been achieved after the completion of the System which relates back to the Objective for the System.

1. **Should allow users to view and save different type of document:** This is achieved when the Admin gives the permission to a certain user to view the files. The selected files then appear to the user under the Document Tab in the user interface.

2. **Upload and download document:** The users can upload the papers and download the papers , the admin can view the uploaded paper and admin can upload them to the System.

3. **Should allow the Admin to view the detail of the paper:** This is achieved when an Admin wants to see the details of the paper.

8.1 : Future Enhancements

 System can be enhanced so that it can be used to send papers the over the network.

 System can be enhanced so that it consumes less memory and increase the speed of response while storing and retrieving the papers.

 System can be enhanced so that the system can handle many number of persons at the same time .

References

[1] Swati Paliwal and Ravindra Gupta “International Journal of Advanced Research in Computer Science and Software Engineering “Volume 3, Issue 2, February 2013.

[2] PHP: The Complete Reference,McGraw Hill Education(India) Private Limited.

[3] Programming PHP ,Kevin tatroe,Shroff,USA.

[4] Web Technologies Black Book,Dreamtech Press,England.

[5] WampServer | SourceForge.net.

[6] W3Schools.net

[7] PHP5, Feyisayo Dosunmu

[8]CSS: Quick Start Guide

[9]MYSQL Cookbook(3rd edition), O'Reilly, Cannada.

[10]MYSQL, fifth edition, Paul DouBois, Pearson Education,USA

[11]JUMP START Bootstrap, Syed Fazle Rahman, SitePoint.

[12]WAMP it up,Arelthia Phillips,Pintop Productions.

[13]MYSQL The Complete Reference,McGraw Hill Education(India) Private Limited.

[14]PHP & MYSQL,Mike McGrath(3rd Edition),Mcgraw Hill Education(india) Private Limited.

[15]CSS (with HTML 5),Master HTM and CSS,Learn Coding Fast,USA.

[16]paperwarehouse.com

[17]studymode.com

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