VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590014.

MINI PROJECT REPORT

ON

"Conference Review System"

Submitted in partial fulfillment for the requirement of V semester for the

Degree of Bachelor of Engineering in

COMPUTER SCIENCE & ENGINEERING

For the academic year 2018-2019

SUBMITTED BY:

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Project Report entitled **"CONFERENCE REVIEW SYSTEM"** is a bonafide Project work carried out by **AKASH BISHT (1DB17CS400)**, in partial fulfillment of 'V' semester for the Degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi, during the academic year 2018-2019. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

Project Guide	**Head of Department**
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External Viva

Name of the Examiners	**Signature with Date**
1._____	_____
2._____	_____

DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Bengaluru -560074

DECLARATION

I **AKASH BISHT**, student of fifth semester B.E, Department of Computer Science and Engineering, Don Bosco Institute of Technology, Kumbalagodu, Bengaluru, declare, that the Project Work entitled **"CONFERENCE REVIEW SYSTEM"** has been carried out by and submitted in partial fulfillment of the requirement of V semester Aug 2018 - Jan 2019. The matter embodied in this report has been submitted to any university or institute for the award of any other degree or diploma.

Place: Bengaluru

Date:

AKASH BISHT

(1DB17CS400)

ACKNOWLEDGEMENT

At the various stages in making the mini project, a number of people have given me invaluable comment on the manuscript. I take this opportunity to express my deepest gratitude and appreciation to all those who helped me directly or indirectly towards the successful completion of this project.

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ABSTRACT

Academic conferences play a key role in exchanging research ideas between participants and keeping researchers current. Many academic conferences, in various fields, are held annually. This leads to a dramatic increase in the number of submitted papers, and substantial effort to manage these many submissions. Such an intricate workflow of conference management results in frustration among many conference organizers. In this paper, we propose an online system to support the organization, management, and control of academic conferences.

CONTENTS

Chapter 1

INTRODUCTION

This mini-project is a basic implementation of a peer- review system. It helps a paper to be graded based on different factors. The dramatic increase in the number of submitted papers, and substantial effort to manage these many submissions. Such an intricate workflow of paper submissions results in frustration among organizers. In this mini-project, we propose an online system to support the organization, and management of such system.

1.1 Aim

The purpose of the system is to support the process of submission, evaluation and selection of papers for a peer-review.

1.2 Objective

The main objective is to keep the record of the papers submitted by authors, registration authors and reviewers, and allows the paper to get reviewed by reviewer and the selection process of administration to accept or reject the paper according to the reviews submitted by reviewers

1.3 Scope

The Mini-Project “Conference Review System” will be a Web Application that will be Used for recording the papers in a database so that any author can submit the paper via a simple web interface. This project aims to deliver simple solutions to get an idea about his/her paper update reviews. This project can be used as a prototype before the author might submit his paper for an actual review system.

1.4 Problem Definition

In the world of Conference system, authors face many problems receiving reviews because of long process registration system. In this simple web prototype, we allow anyone to be a reviewer from all around the world to see and give honest suggestions based on rate, and the registration process is made very simple for author to submit the papers and finally the admin chooses to accept or reject the paper.

1.5 ADVANTAGES/DISADVANTAGES

1.5.1 Advantages

This Project is beneficial for the following

1. People are accepted to register to give genuine review on the particular paper.
2. Addition, submission, modification of records as when needed.
3. Helpful prototype can be hosted on Web.
4. Manage the entire process.
5. User-friendly error messages are provided wherever necessary.
6. Extensibility - Ability to add new functionality without requiring major changes to the existing code. Features can be easily added or plugged-in without any significant changes to the system.

1.5.2 Disadvantages

1. Not Scalable.
2. Security Limitations.
3. Prone to SQL attacks.

1.6 Technology Used: -

Language: - Java EE, SQL, HTML, CSS.

Frontend and Backend Tools: - MYSQL Workbench, IntelliJ Idea Ultimate Edition IDE, Tomcat Server 8.0.

1.7 System Requirements: -

Minimum RAM: - 4 GB

Hard Disk: - 100 GB

Processor: - Intel CORE i3

Operating System: -Windows 10

Chapter 2

OBJECTIVES

- It provides a prototype model to ease the process of Reviewing the paper.
- Peer- Reviews can only be seen by one Administrator who decides to accept the paper or reject it.
- It provides Flexibility among submission of a paper and achieves more openness.
- It helps authors to look after their papers for acceptation or rejection of the paper before moving on to the rigorous waiting time in real submission process in online conference portal.

Chapter 3

SCHEMA DIAGRAM

AUTHOR :

a_id	a_first_name	a_last_name	a_phone_no	a_email	a_pwd

PAPER :

paper_id	title	abstract	file_name	author_id

REVIEWER :

rvr_id	rvr_first_name	rvr_last_name	rvr_phone	rvr_email	rvr_pwd	rvr_interest

REVIEW :

rv_id	clarity	relevance	technical_rate	rvr_id	paper_id

PC_CHAIR :

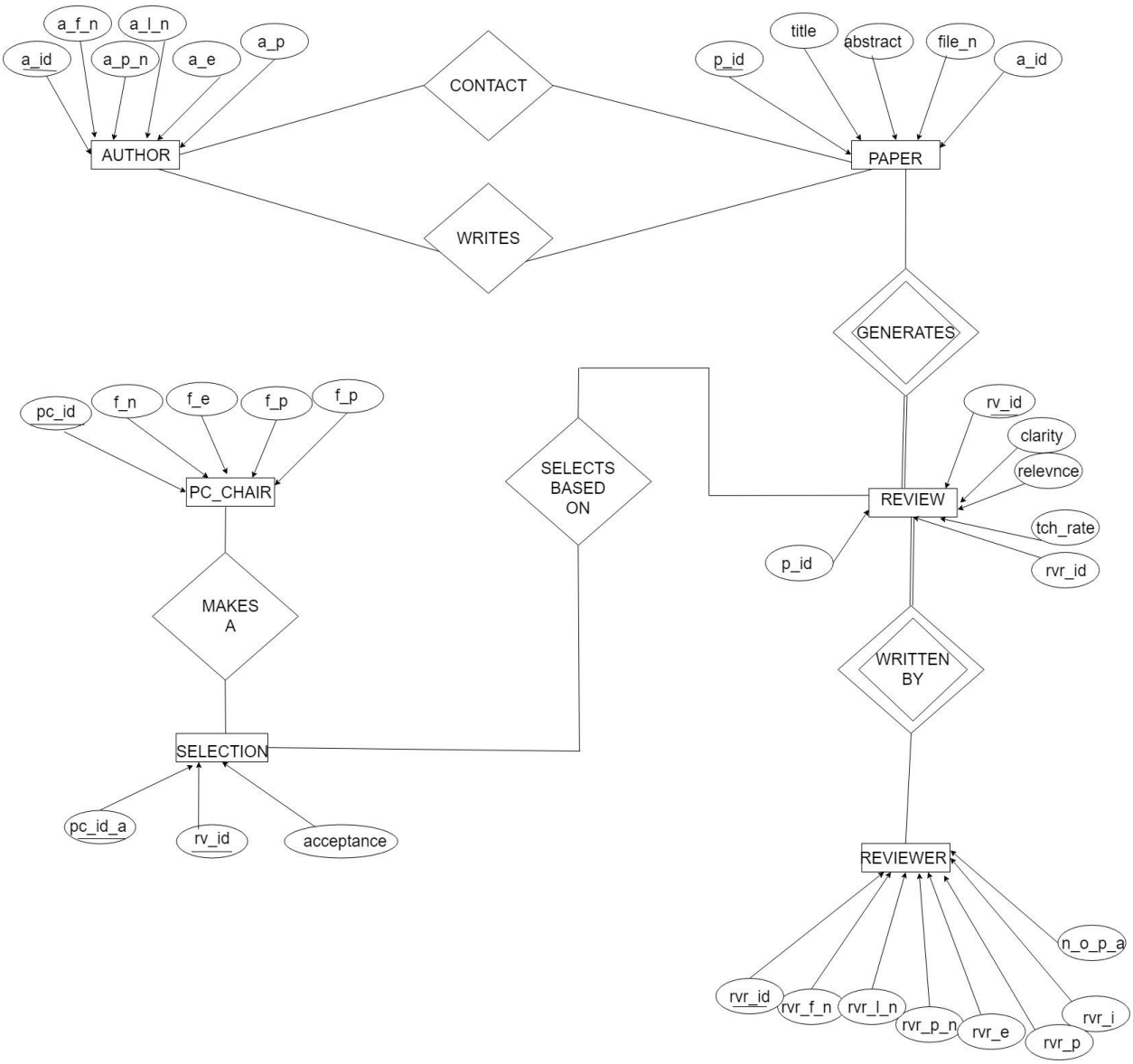
pc_id	final_name	final_email	final_pwd	final_phone

SELECTION :

pc_id_admin	rv_id	acceptance

Chapter 4

E-R DIAGRAM



Chapter 5

DATA TABLES

Author table:

S. No.	Field Name	Data type	Description
1	a_id	INTEGER	Auto-generate the author id.
2	a_first_name	VARCHAR	Stores the author's name.
3	a_last_name	VARCHAR	Stores the author's last name.
4	a_phone_no	VARCHAR	Stores the phone no.
5	a_email	VARCHAR	Stores the email id of the author.
6	a_pwd	VARCHAR	Stores the author's password

Paper table:

S.No	Field Name	Data Type	Description
1	paper_id	INTEGER	Auto-generate the paper id
2	title	VARCHAR	Stores the title of the paper
3	abstract	VARCHAR	Stores the abstract as a varchar sequence.
4	file_name	VARCHAR	Store filename as a sequence of characters
5	photo	MEDIUMBLOB	Store the jpg image as type medium blob
6	author_id	INTEGER	It is a foreign key referencing Author's table and it is auto-incremental.

Reviewer table:

S.NO.	Field Name	Data type	Description
1	rvr_id	INTEGER	Auto- generate the reviewer id
2	rvr_first_name	VARCHAR	Stores the first name of the reviewer
3	rvr_last_name	VARCHAR	Stores the last name of the reviewer
4	rvr_phone	DOUBLE	Stores the 10- digit phone no
5	rvr_email	VARCHAR	Stores the email id of the reviewer
6	rvr_pwd	VARCHAR	Stores the password
7	rvr_interest	VARCHAR	Stores the interest submitted by reviewer

Review table:

S.NO.	Field Name	Data type	Description
1	rv_id	INTEGER	Auto-Generated key
2	clarity	INTEGER	A review stored in form of integer on the scale 0-9
3	relevance	INTEGER	A review stored in form of integer on the scale 0-9
4	technical_rate	INTEGER	A review stored in form of integer on the scale 0-9
5	Rrvr_id	INTEGER	Auto-incrementing Foreign key
6	P_id	INTEGER	Auto-incrementing Foreign key

Pc Chair table:

S.No.	Field Name	Data type	Description
1	pc_id	INTEGER	It is an one- final auto-generated key.
2	final_name	VARCHAR	It is a final varchar sequence.
3	final_email	VARCHAR	It is a final email id stored in this table.
4	final_pwd	VARCHAR	It is a final password set in this table.

Selection table:

S.NO.	Field Name	Data type	Description
1	s_p_id	INTEGER	Stores the paper id entered by admin, it acts as a foreign key.
2	acceptance	INTEGER	Stores the “yes” or “no” acceptance entered by admin, it acts as a foreign key.

Chapter 6

SOURCE CODE

6.1 INSERT STATEMENT:

```
        Connection con = null;
        try {
         Class.forName("com.mysql.cj.jdbc.Driver");
         con = DBUtil.getConnection(DBType.MYSQLDB);

         con = DriverManager.getConnection(dburl, username, password);
         String query = "INSERT INTO

         author(a_first_name,a_last_name,a_phone_no,a_email,a_pwd) values(?,?,?,?,?)";

         PreparedStatement stmt = con.prepareStatement(query);

         stmt.setString(1,Firstname);

         stmt.setString(2,Lastname);

         stmt.setDouble(3, Double.parseDouble(Mobilenumber));

         stmt.setString(4,Email);

         stmt.setString(5,Pass);

           out.println("<html>");
           out.println("<body>");
           out.println("<h1><b><u>Confirmation Details</u></b></h1>");
           out.println("<br>");
           out.println("</body>");
           out.println("</html>");
           out.println("<h2>Your Record has been successfully inserted<h2>");
           int res= stmt.executeUpdate();
           con.close();
        } catch (Exception e) {
           e.printStackTrace();
        }
    }
}
```

6.2 LOGIN VALIDATION STATEMENT:

```
response.setContentType("text/html");
PrintWriter out = response.getWriter();
String email = request.getParameter("email");
String pass = request.getParameter("pass");
Connection conn= null;
try {
DriverManager.getConnection("jdbc:mysql://localhost:3306/conferencesystem", "root",

"root");
    Class.forName("com.mysql.cj.jdbc.Driver");
    conn = DBUtil.getConnection(DBType.MYSQLDB);
    PreparedStatement pst = conn.prepareStatement("Select a_email,a_pwd from author

   where a_email=? and a_pwd= ? ");
    pst.setString(1, email);
    pst.setString(2, pass);
    ResultSet rs = pst.executeQuery();
    if (rs.next()) {
    RequestDispatcher rd2=request.getRequestDispatcher("/authorlogin");
      rd2.include(request,response);       }
    else {
       out.println("Incorrect login credentials");
    }
  }
  catch (ClassNotFoundException | SQLException e) {
    e.printStackTrace();
  }
}
```

6.2 DELETE STATEMENT:

```
try{
        Class.forName("oracle.jdbc.driver.OracleDriver");
        int id=Integer.parseInt(ss_id.getText());
```

```
try {
Connection con = DriverManager.getConnection("jdbc:oracle:thin:@DESKTOP-
O0UGRUG:1521:xe","system","1234")) {
Statement stmt=con.createStatement();
String sql = "DELETE FROM student " +"WHERE s_id = ('"+id+"')";
int x= stmt.executeUpdate(sql);
if(x!=0){
JOptionPane.showMessageDialog(null,"Deleted Successfully!");}
else  JOptionPane.showMessageDialog(null,"value does not exists!");
ss_id.setText("");
sname.setText("");
fname.setText("");
phone.setText("");
email.setText("");
dob.setText("");
gender.setText("");
saddress.setText("");
uname.setText("");
sql="SELECT * FROM student";
stmt = con.createStatement();
//STEP 5: Extract data from result set
try (ResultSet rs = stmt.executeQuery(sql)) {
stable.setModel(DbUtils.resultSetToTableModel(rs));
    }
  }
}catch( ClassNotFoundException |NumberFormatException | SQLException e){
   JOptionPane.showMessageDialog(null,e); }
```

6.3 UPDATE STATEMENT:

```
Connection conn = null;
PreparedStatement pstmt = null;
ResultSet rs = null;
int set = 0;
PrintWriter out = response.getWriter();
String r_f_n = request.getParameter("firstname");
String r_l_n = request.getParameter("lastname");
String r_p_n = request.getParameter("telephone");
String r_e_id = request.getParameter("email");
String r_pwd = request.getParameter("password");
String r_intrst = request.getParameter("interest");
HttpSession session = request.getSession();
String email= (String)session.getAttribute("email");
String pass= (String)session.getAttribute("pass");

try{
   Class.forName("com.mysql.jdbc.Driver");
   conn = DBUtil.getConnection(DBType.MYSQLDB);
 // constructs SQL statement
   String sql1 = "UPDATE reviewer SET rvr_first_name = ?, rvr_last_name =
?,rvr_phone= ?,rvr_email= ?,rvr_pwd= ?,rvr_interest= ? where rvr_email= ? and rvr_pwd
= ? ";
   PreparedStatement statement1 = conn.prepareStatement(sql1,
ResultSet.CONCUR_READ_ONLY, ResultSet.CONCUR_UPDATABLE);
   statement1.setString(1, r_f_n);
   statement1.setString(2, r_l_n);
   statement1.setString(3, r_p_n);
   statement1.setString(4, r_e_id);
   statement1.setString(5, r_pwd);
   statement1.setString(6, r_intrst);
   statement1.setString(7,email);
   statement1.setString(8,pass);
   statement1.executeUpdate();
   set = 1;
   if(set == 1){
      out.println("<html>");
      out.println("<title>");
```

```
        out.println("</title>");
        out.println("<body>");
        out.println("<h1><center> Successfully Updated !!! </center><br><br>");
        out.println("<h1><center><a
href=\"http://localhost:63342/mini_project/loginindex1.html\">Go to Login Page
Again</a></center>");
        //+abc+""+s+""+s1);
        out.println("</body>");
        out.println("</html>");
      }
   } catch (SQLException e){
      System.out.println(""+e.getMessage());
   } catch (ClassNotFoundException e) {
      e.printStackTrace();
   }
}
```

6.4 SELECT STATEMENT:

```
          String sql2 = "\n" +
              "select a.a_first_name,p.title,p.paper_id,
rr.rvr_first_name,r.rv_id,r.clarity,r.relevance,r.technical_rate \n" +
              "from review r \n" +
              "join reviewer rr on\n" +
              "  rr.rvr_id = r.Rrvr_id\n" +
              "  join  paper p on\n" +
              "  r.p_id = p.paper_id \n" +
              " join author a on\n" +
              " p.author_id = a.a_id;";
        PreparedStatement statement2 = conn.prepareStatement(sql2,
ResultSet.TYPE_SCROLL_INSENSITIVE, ResultSet.CONCUR_READ_ONLY);
        rs1 = statement2.executeQuery();
        while (rs1.next()) {
          name = rs1.getString("a.a_first_name");
          pd1 = rs1.getString("p.title");
          pd2 = rs1.getInt("p.paper_id");
          rr = rs1.getString("rr.rvr_first_name");
          // pd = rs1.getInt("r.rv_id");
          cy = rs1.getInt("r.clarity");
```

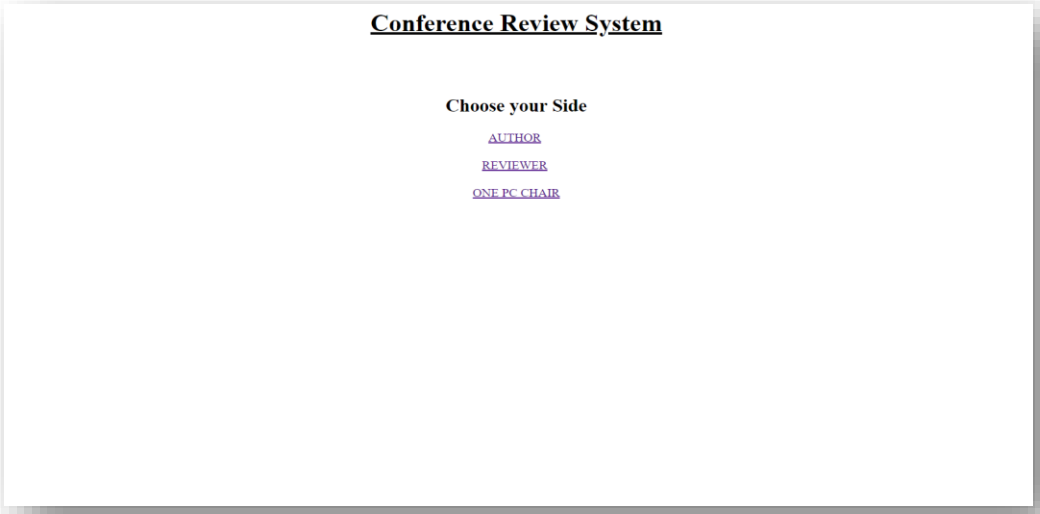
```
            re = rs1.getInt("r.relevance");
            tr = rs1.getInt("r.technical_rate");
        //out.println("<form action=\"http://localhost:8080/selection\" method=\"post\">");
            out.println("  <tr>\n" +
                    "    <td>" + ""+ name + "" + " " + "</td>\n" +
                    "    <td>" + "" + pd1 + "(paper no :" +pd2+")"+" </td>\n" +
                    "    <td>" + "" + rr + "" + "  </td>\n" +
                    "    <td>" + "" + cy + "" + " </td>\n" +
                    "    <td>" + "" + re + "" + "  </td>\n" +
                    "    <td>" + "" + tr + "" + " </td>\n" +

                    //out.println("<a href=\"https://www.w3schools.com\"> </a>");
                    //Paper no: "+paperid+"
                    //"    <td><input type=\"submit\" name=\"element\" value=\"Review this
paper\"\"</td>\n" +
                    "  </tr>\n");
 }
          out.println("<center><b>ENTER THE PAPER NO. TO ACCEPT OR REJECT
</b><form action=\"http://localhost:8080/selection\" method=\"post\">\n" +
                  "<input type=\"number\" name=\"paper\" value\"\" >\n" +
                  "<input type=\"Submit\" name=\"accept\" value=\"Accept\"
style=\"background-color:yellowgreen;color:white;padding:5px;font-
size:18px;border:none;padding:8px;\">\n" +
                 "<input type=\"Submit\" name=\"reject\" value=\"Reject\"
style=\"background-color:red;color:white;padding:5px;font-
size:18px;border:none;padding:8px;\">\n" +
                  "</form></center>");
        } catch (SQLException e) {
            System.out.println("");
        } catch (ClassNotFoundException e) {
            e.printStackTrace();
        }
    }
```

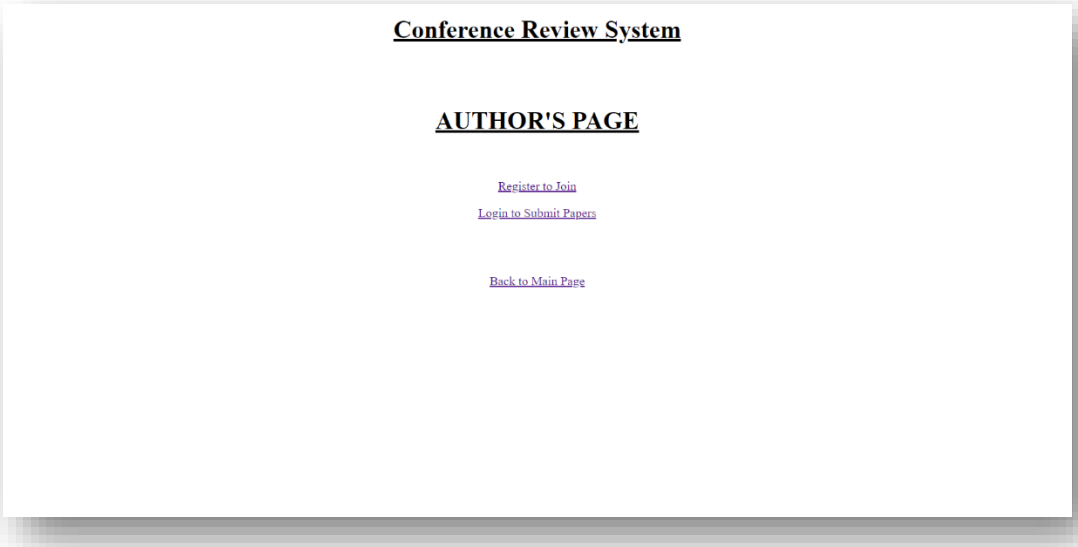
Chapter 7

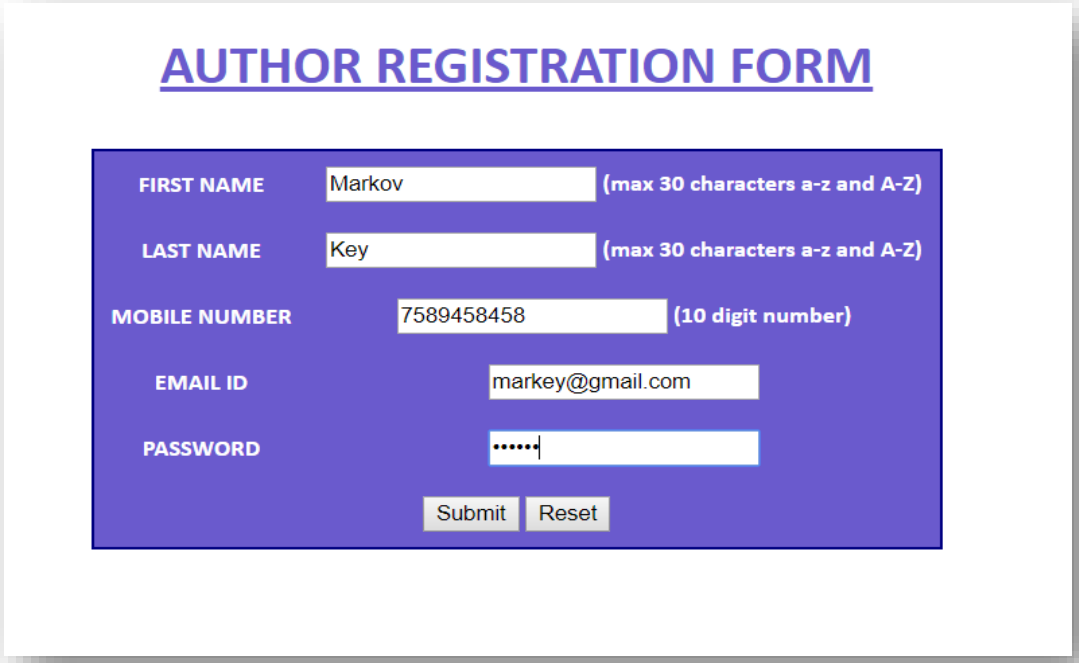
SNAPSHOT

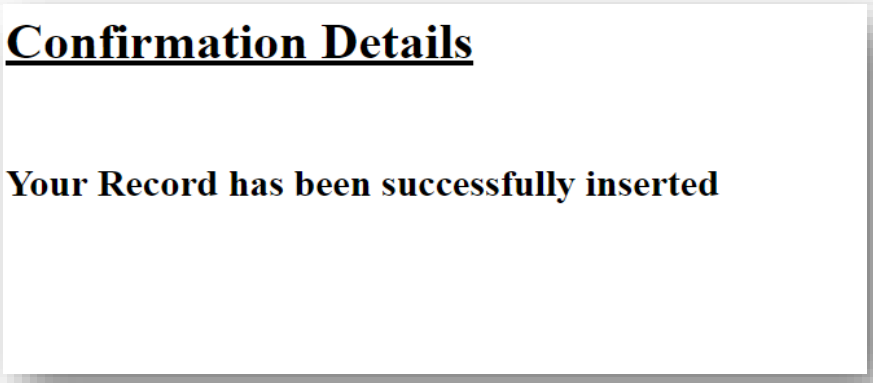
7.1 INITIAL PAGE:



7.2 AUTHOR'S REGISTRATION PAGE:



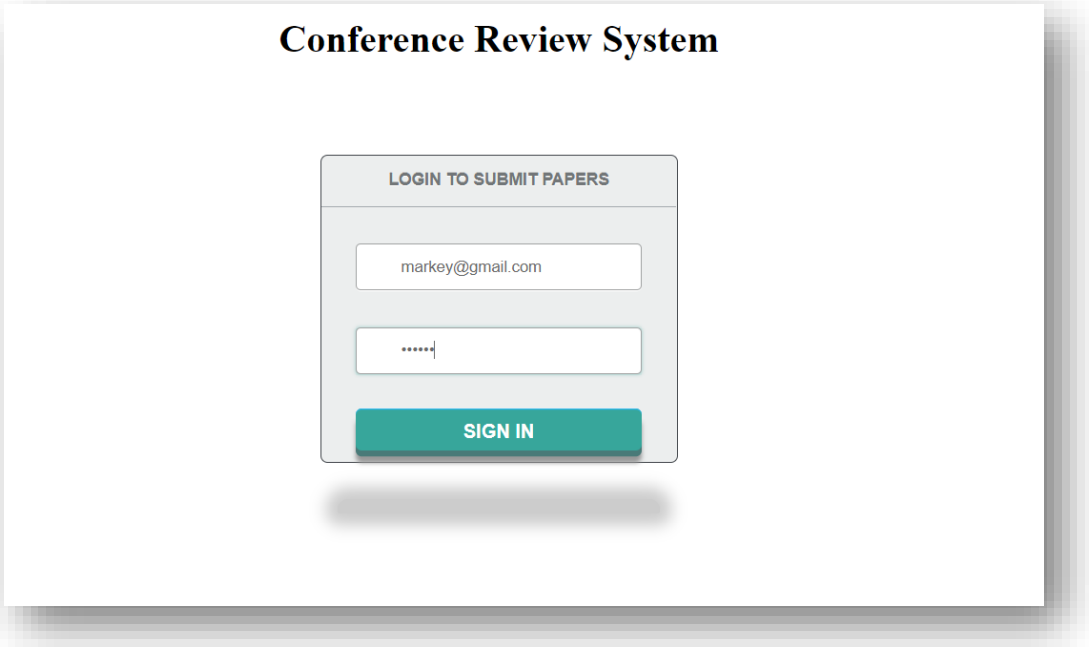


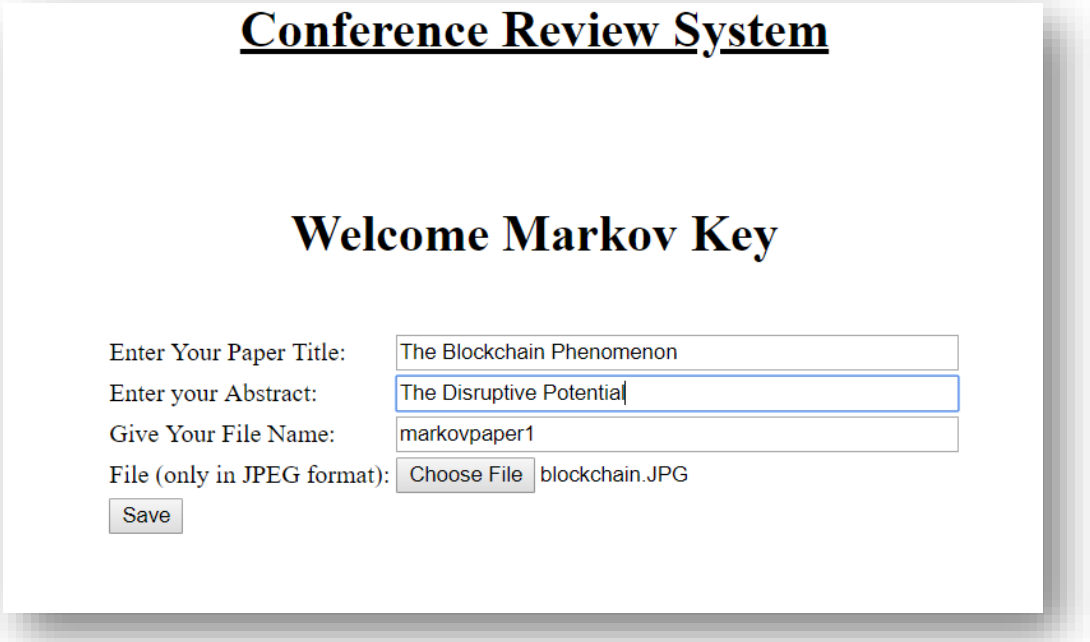


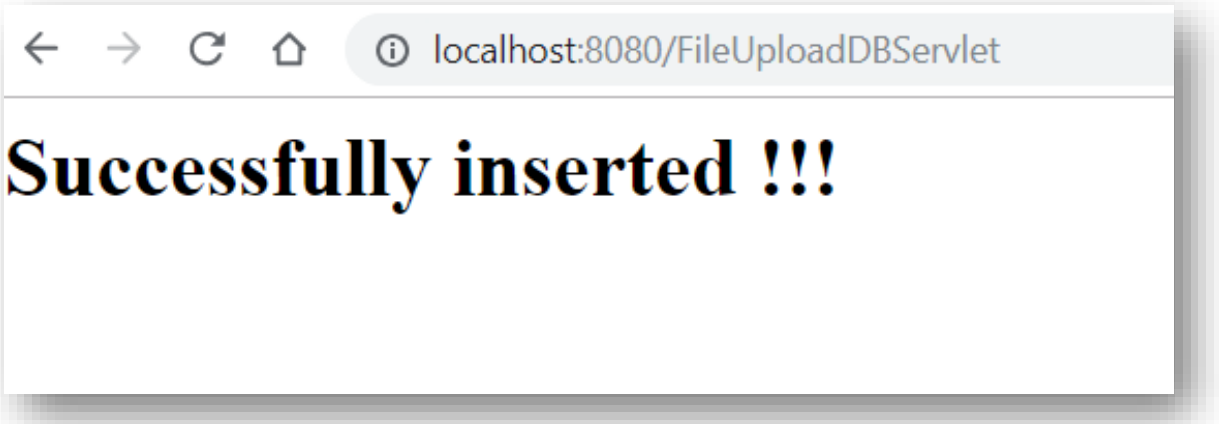
Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

a_id	a_first_name	a_last_name	a_phone_no	a_email	a_pwd	authorcol
1	routy	koegu	777	aa7@g.com	1234	NULL
2	giheush	ayom	888	akak@gmail.com	12345	NULL
3	quopei	houmy	999	hout7@gmail.com	youtube	NULL
7	Zen	Kua	7589564585	zen@gmail.com	zen123	NULL
8	Markov	Key	7589458458	markey@gmail.com	123456	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL

7.3 AUTHOR'S LOGIN PAGE:







Result Grid | Filter Rows: | Edit: | Export/Import:

paper_id	title	abstract	file_name	photo	author_id
1	Technology	Camera system	techcam	BLOB	1
2	Sports	Hockey	sporho	BLOB	3
3	The Block...	The Disruptive Potential	markovpaper1	BLOB	8
NULL	NULL	NULL	NULL	NULL	NULL

7.4 REVIEWER'S PAGE:

Conference Review System

REVIEW SYSTEM

Welcome Dev Kundra
Your E-mail : - dev@g.com
Your Phone :- 7.506769269E9
Your Interest :- tech

This is the total list of ALL available Papers Uploaded Uptil Now

Feel free to review any paper !!!

Update Your information here

Author's List	Papers
routy 1	Paper id: 1 || Title: Technology ||
quopei 3	Paper id: 2 || Title: Sports ||
Markov 8	Paper id: 3 || Title: The Blockchain Phenomenon ||

Markov 8	Paper id: 3 || Title: The Blockchain Phenomenon ||

SUBMIT THE REVIEW On a Scale of 1 to 5

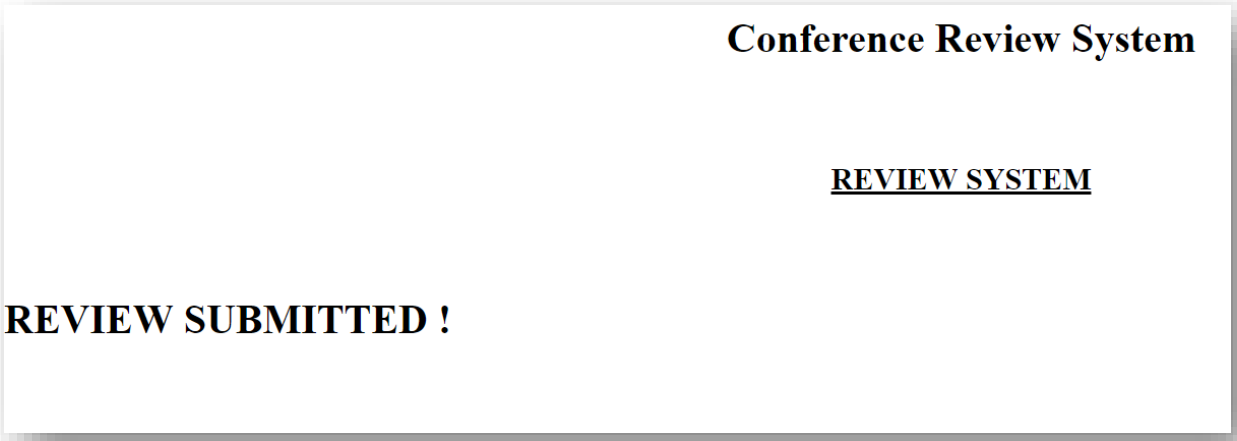
Enter the paper id for which you want to submit the review: 3

Clarity :::::::::: 3 Relevance :::::: 5 Technical merit 5

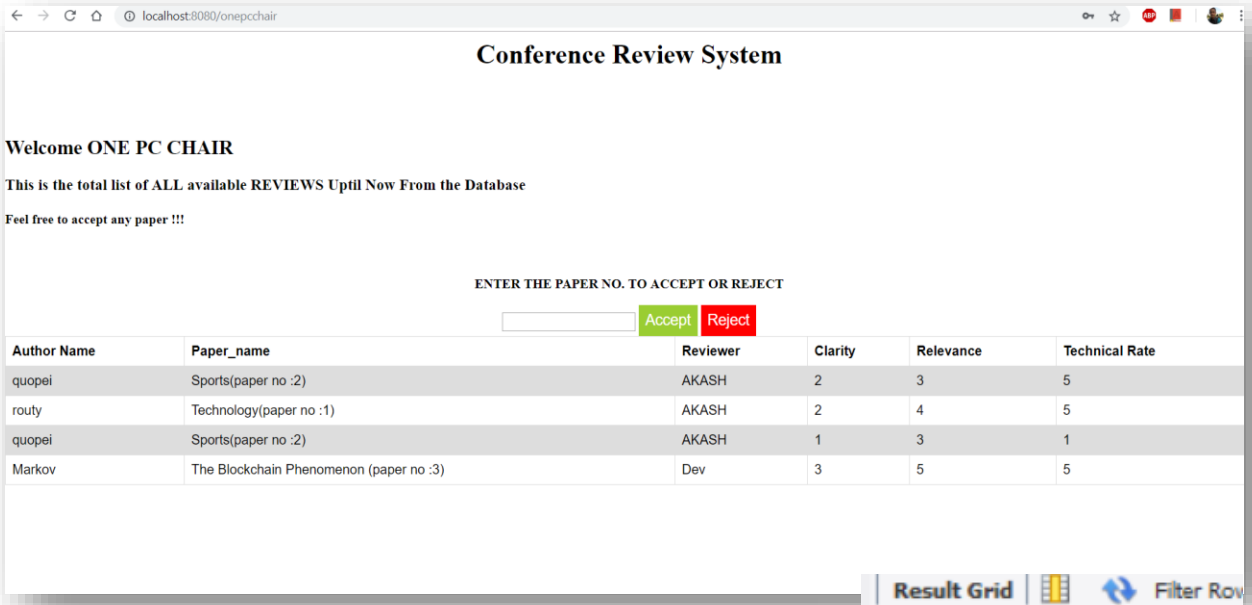
Submit

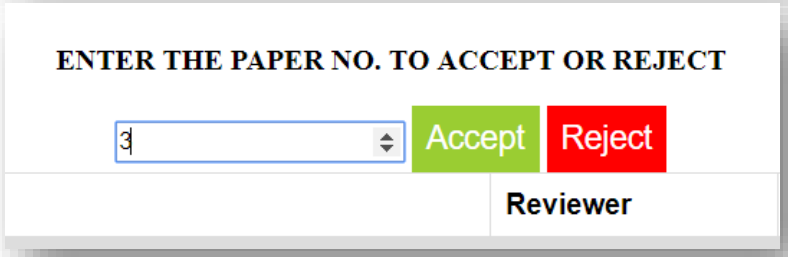
Result Grid | Filter Rows: | Edit:

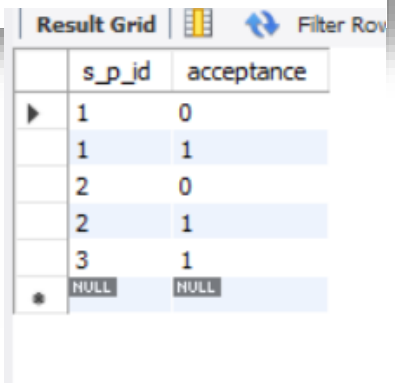
rv_id	clarity	relevance	technical_rate	Rrvr_id	p_id
1	2	3	5	1	2
2	2	4	5	1	1
3	1	3	1	1	2
4	3	5	5	2	3
NULL	NULL	NULL	NULL	NULL	NULL



7.4 ADMIN'S PAGE:







CONCLUSION

Seeing large number of conferences being organized by organizations nowadays, this system can be very helpful in various ways by providing a simple interface to authors and reviewers all around the world using this prototype. The system provides rich support to the Program Committee chairs for customization of conference properties such as submission and reviewer forms.

It also makes easy to handle conferences with a large number of reviewers and submissions. It is critical to promote an online conference management system that facilitates the task of conference organization using the software engineering process. This mini-project presents the requirement analysis and design of an Online Conference Management System.

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JAVA The Complete Reference.

J2EE The Complete Reference.

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*. https://www.w3schools.com/w3css/w3css_templates.asp

*. https://www.w3schools.com/sql

*. https://stackoverflow.com/