ECLIPSE

A company specific Q&A forum

PROJECT REPORT for

CSE3002-Internet and Web Programming

Submitted by

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To

DR. S. JUSTUS

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of the UGC Act, 1956)

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ABSTRACT

We have all been in the situation where we need to push code by midnight and have multiple bugs yet to be fixed. At this point, we google the problem. But what if the question is internal to your respective team? Existing products do not understand the context of your internal bug and will not be able to always solve it. So, who can then answer it? Wait, let's see -- your colleague or manager or any developer in your team might have faced the same issue in the recent past. But, how do you identify them? How do you reach them? How do they connect to you?

Most companies have Xan internal Wiki (or) OneNote connections (or) existing portal and it is difficult to manually maintain it. Further, it is tedious and almost impossible to glance over the entire documentation to find a specific answer.

Hence, to resolve the above issues, this project aims at developing a solution for the same.

INTRODUCTION

In our project, we are building a portal for the employees within a particular company to be able to connect to one another irrespective of being from the same team/branch. An employee can post a query and he/she can discuss the queries and come to a conclusion for that particular problem where another employee may be able to solve his doubt. The employee can look at his/her feed and see the ongoing doubts and can gain more input and can answer others queries if he knows the answer to it. The doubts which are posted are sorted based on date and time, and hence it will be easier for a new person to update himself with the series of answers posted for a single query . To make the project more user friendly, the employee can bookmark questions to use it for his reference in the future.

The need for increased productivity in the tech scene has very recently caught on with several companies building solutions around this (ex: Teams, Slack, StackOverflow Enterprise etc.) Hence, we think building a smart and innovate discussion / Q & A portal will be a very useful project

REQUIREMENTS

The tools used in this project are HTML,CSS, PHP, JAVAS-CRIPT, AJAX,XAMPP, SQL AND SMTP. A short description of the above are mentioned below:

HTML is the developing skeleton of web page and CSS is to makeup the skeleton.

HTML is used to create webpages. The structure of the webpage is built with the help of markup language. It is used to distinguish between paragraphs, lists and columns. It can create static webpages having a Main Heading, Sub-heading, Paragraph including various fonts and font colours and finally a Footer.

We used **CSS** in the project so that we can convert the static web page into a dynamic webpage. It just modifies the webpage created in HTML and is used to design and make it more appealing to the end user.

The combination of HTML and CSS is what defines the basis of our project and is a very crucial aspect of it.

PHP:

Php may be a server aspect language.It is a robust tool for creating dynamic and interactive websites.

PHP is widely-used associate degreed is an economical different to competitors like Microsoft's ASP.It is associate degree language which provides hypertext mark-up language code.In our

project, the work behind the e-mail method is finished with the assistance of PHP.
PHP may be a widely-used all-purpose scripting language that's particularly fitted to web development and might be embedded into hypertext mark-up language

PHP may send communications protocol headers which will be able to set cookies, manage authentication, and direct users. It offers wonderful property to several databases (and ODBC), and integration with varied external libraries that permit you are doing everything from generating PDF documents to parsing XML.

The combination of hypertext mark-up language and CSS is what defines the premise of our project and may be a terribly crucial facet of it.

JAVASCRIPT:

JavaScript may be a scripting language designed primarily for adding interactivity to websites and making net applications. Client-side JavaScript programs, or scripts, will be embedded directly in markup language supply of websites. Based on the online developer's intent, script code could run once the user opens the online page, clicks or drags some page component with the mouse, sorts one thing on the keyboard, submits a type, or leaves the page.

JavaScript is associate object-oriented language with prototypal inheritance. The language supports many intrinsic objects, and programmers will produce or delete their own objects. Archetypal

inheritance makes JavaScript terribly totally different from different in style programming languages like C++, C#, or Java featuring classes and classical inheritance.

AJAX:

AJAX stands for Asynchronous JavaScript and XML. It is a client-side script that communicates from a database.
The best definition I've scan for Ajax is the arrange of action of exchanging information with a server, and alter elements of a web page - whereas not reloading the whole page.AJAX is additionally a latest technique for making higher, faster, and further interactive net applications with the assistance of XML, HTML, CSS, and Java Script.
With AJAX, once you hit submit, JavaScript can turn out a necessity participation to the server, interpret the results, and update this screen. among the purest sense, the user would ne'er acknowledge that one issue was even transmitted to the server.XML is usually used as a results of the format for receiving server information, though any format, at the aspect of plain text, is used.

XAMPP:

XAMPP is one amongst the foremost trending package package that's currently being employed to deploy the PHP development atmosphere by delivering required package parts and specifications.
As all servers use a similar similar parts throughout the package development method, that the usage of XAMPP offers a straightforward migration from native server to measure server.

XAMPP is associate AMP stack that's a signifier for Cross-platform, ,MySQL, PHP, Perl along with some additional help package tools like PHPMyAdmin (for info access), Mercury mail server, and JSP house cat server.

SQL:

SQL stands for Structured queried language. could be a customary machine language for information base and it used for the management and manipulation of data.

It is used to insert, update and delete information.

SQL helps you to access and manipulate databases. It is a domain-specific language utilised in programming and designed for managing knowledge control in an exceedingly online database management system, or for stream process in a relative knowledge stream management system.It is the quality language for on-line database management systems.

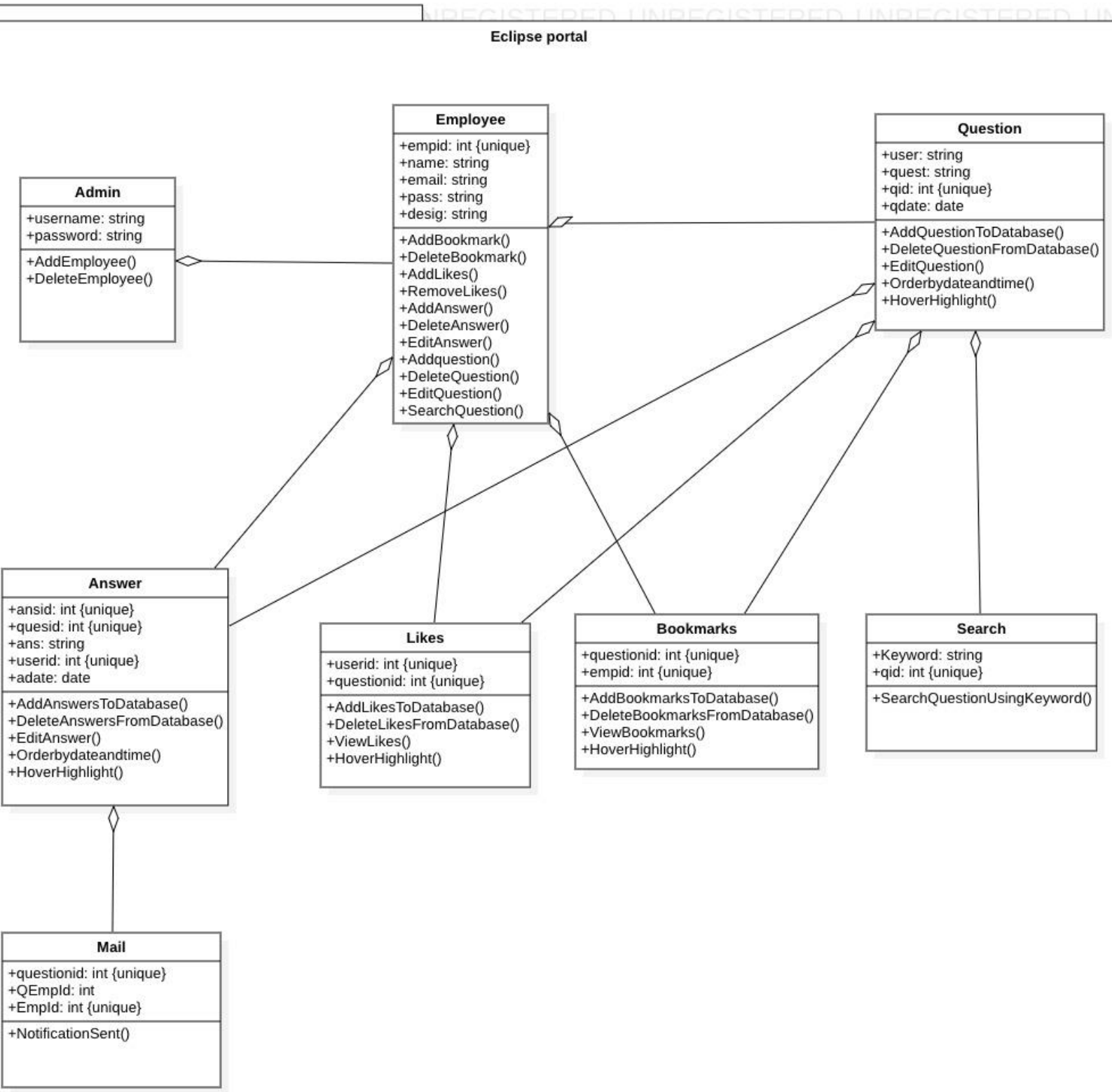
SMTP:

SMTP stands for Simple Mail Transfer Protocol.

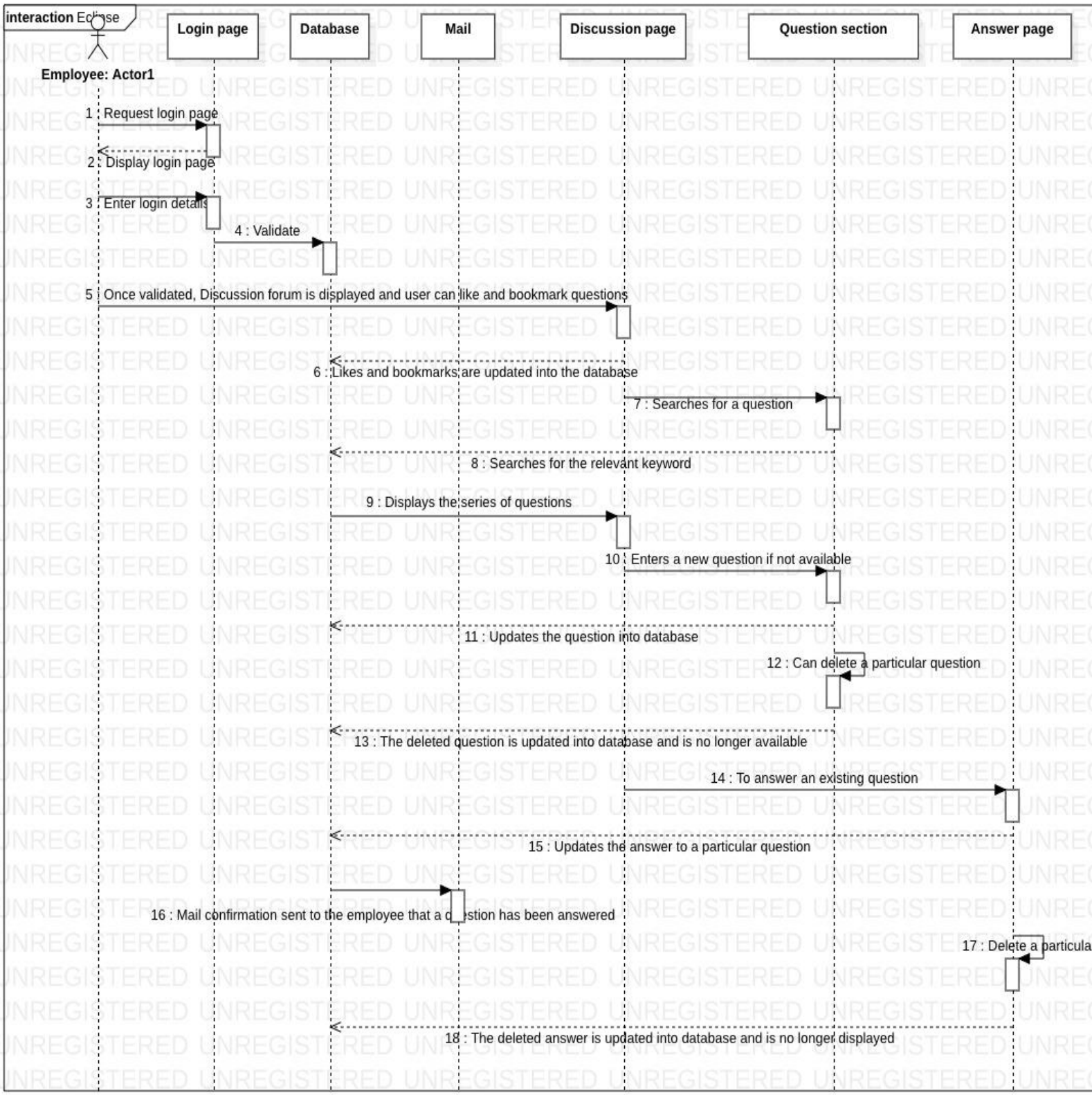
With this, we use Google-Mail to notify a user whenever he/she receives a response to a raised query.

DESIGN DIAGRAMS

CLASS DIAGRAM

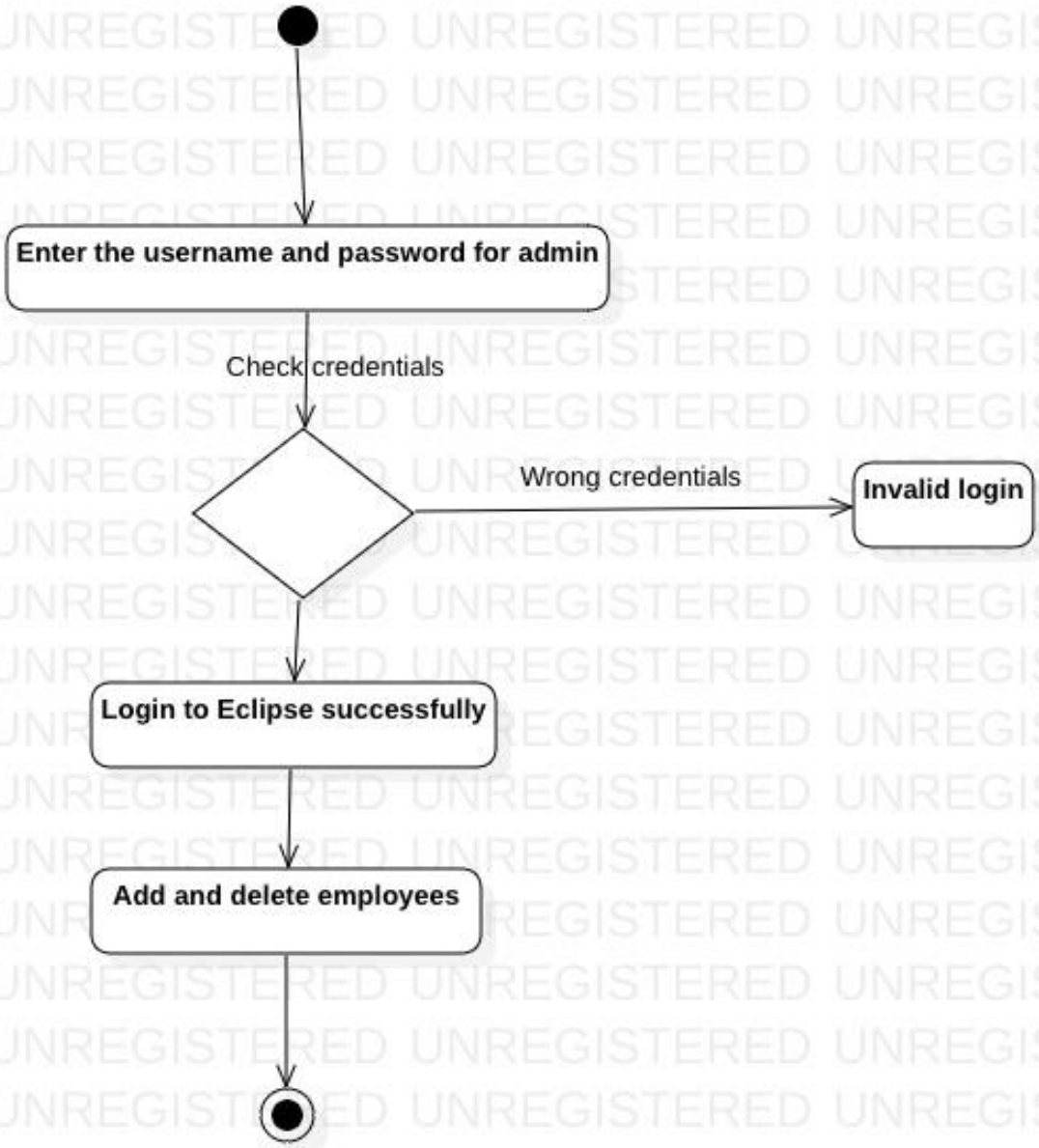


SEQUENCE DIAGRAM

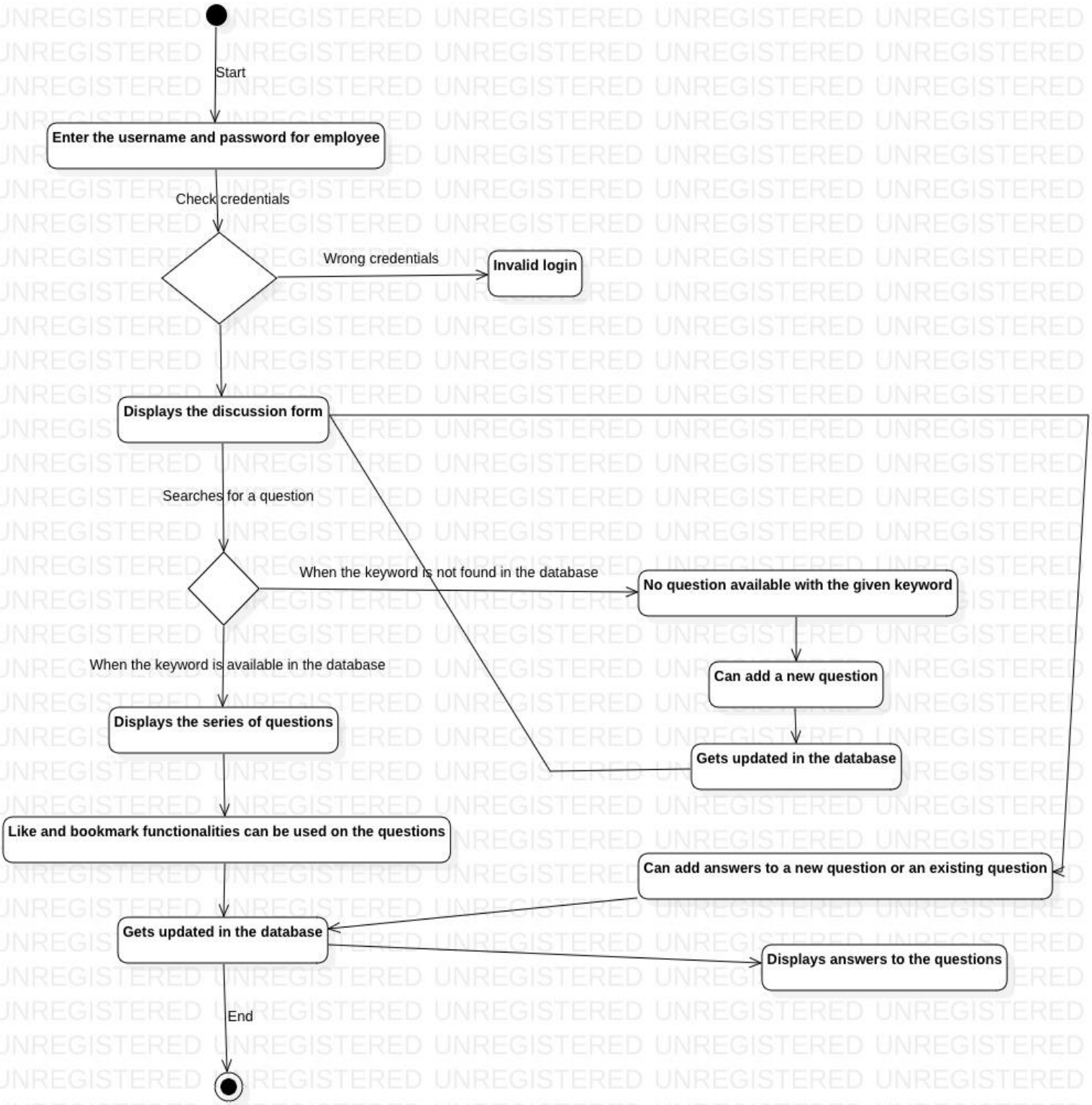


ACTIVITY DIAGRAM

ADMIN ACTIVITY DIAGRAM

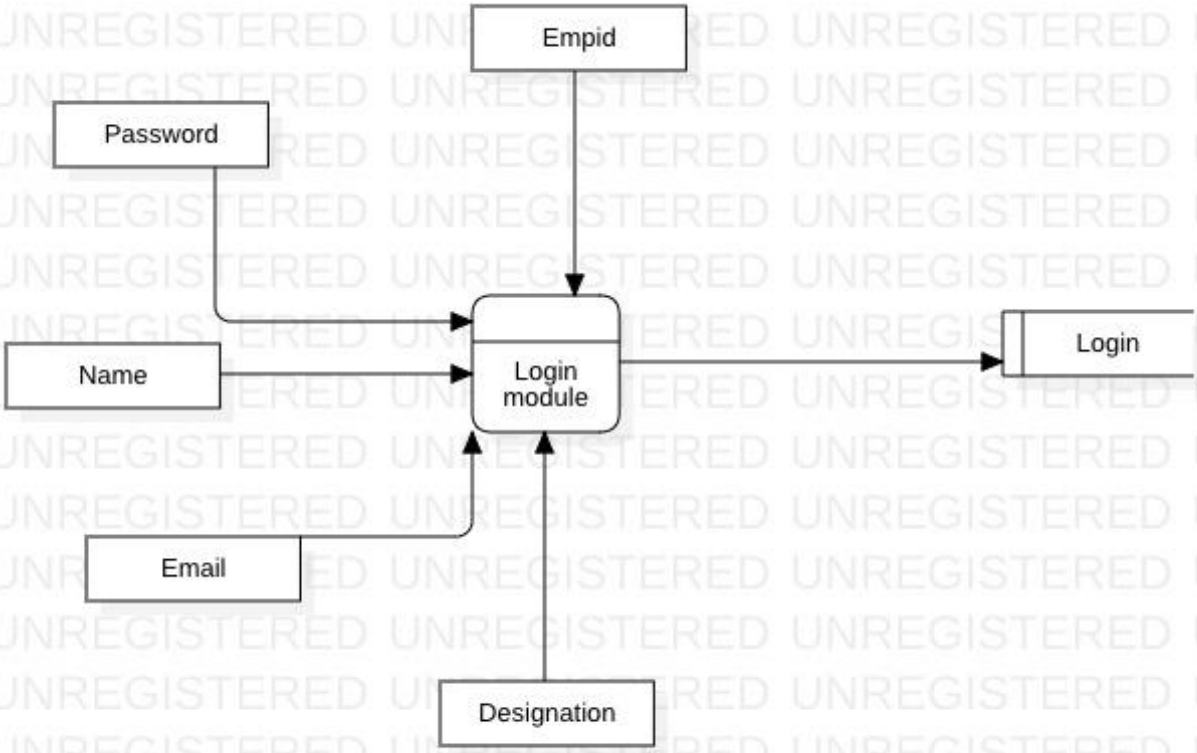


EMPLOYEE ACTIVITY DIAGRAM

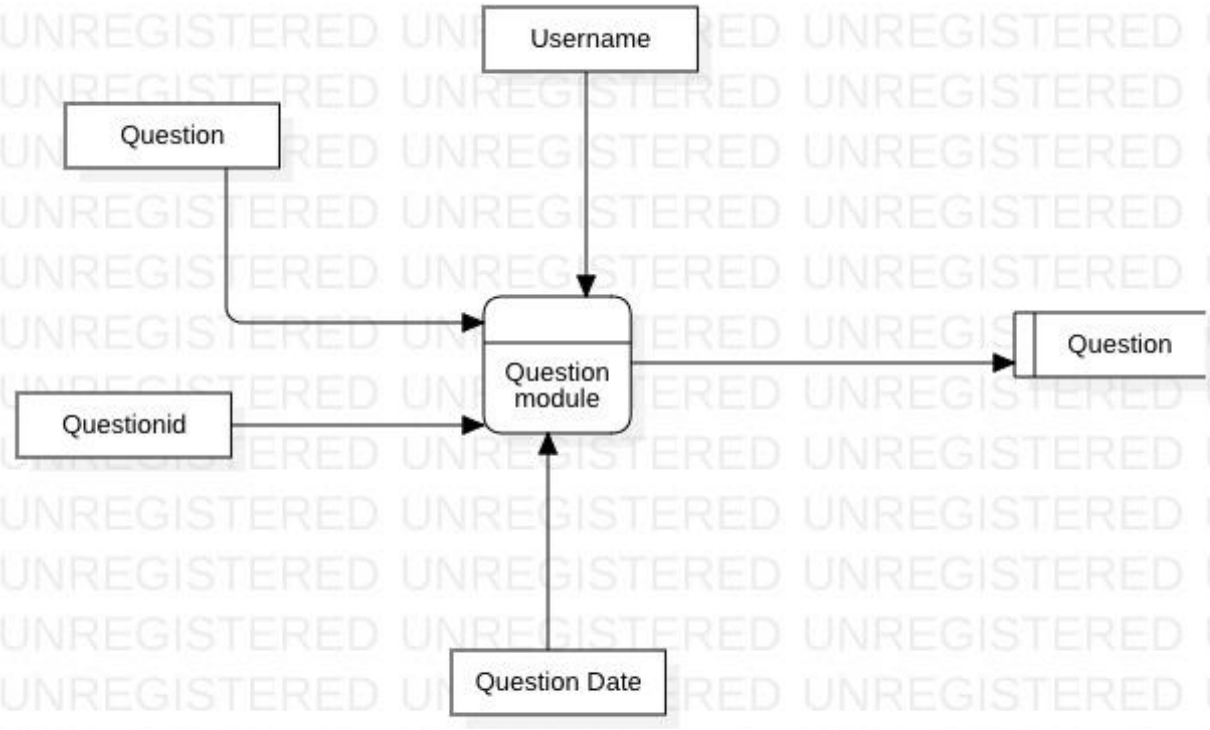


DATA FLOW DIAGRAM

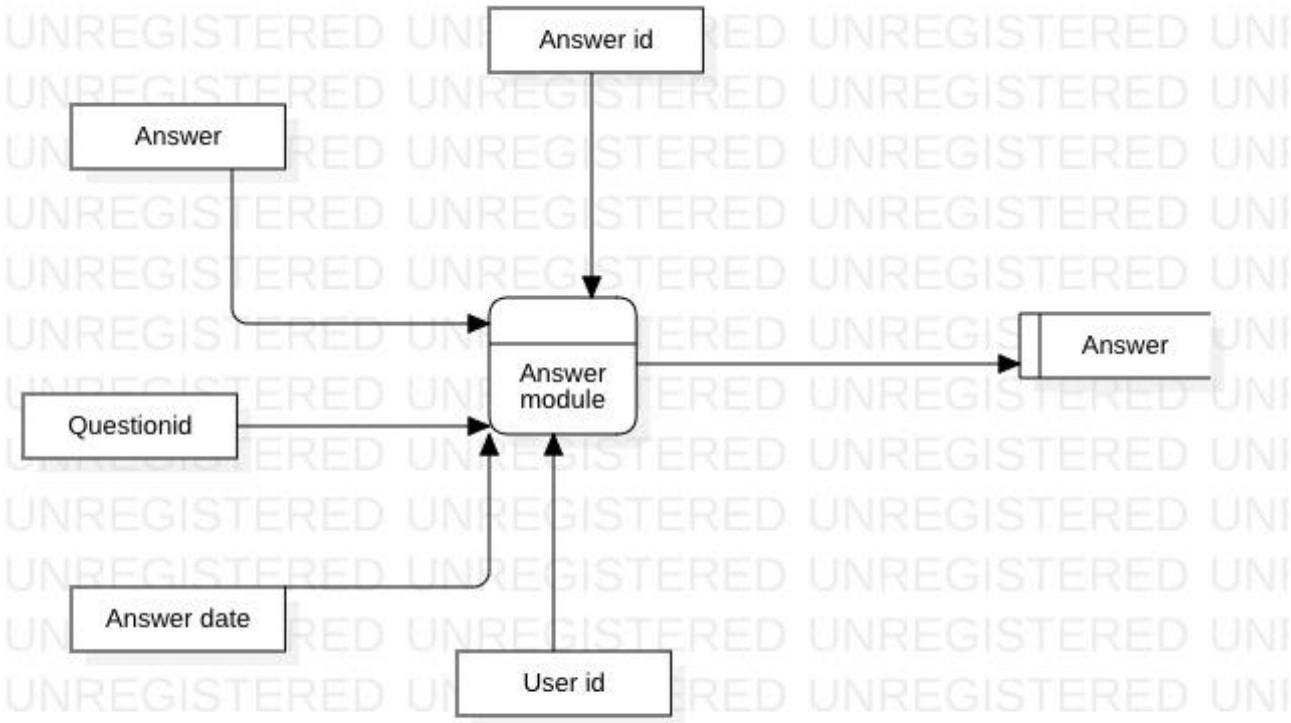
LEVEL 0 LOGIN DIAGRAM



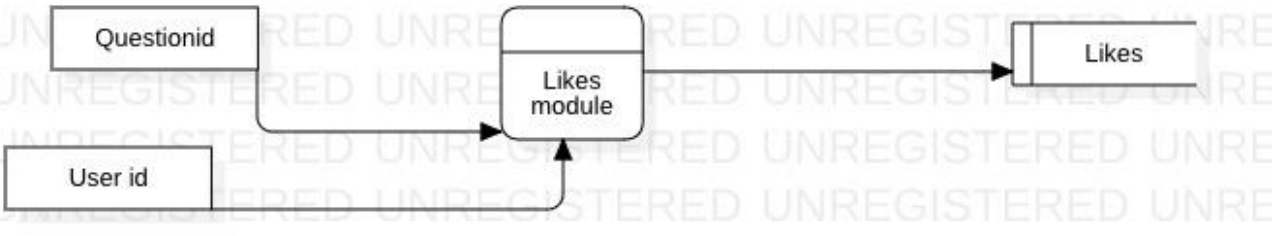
LEVEL 0 QUESTION DIAGRAM



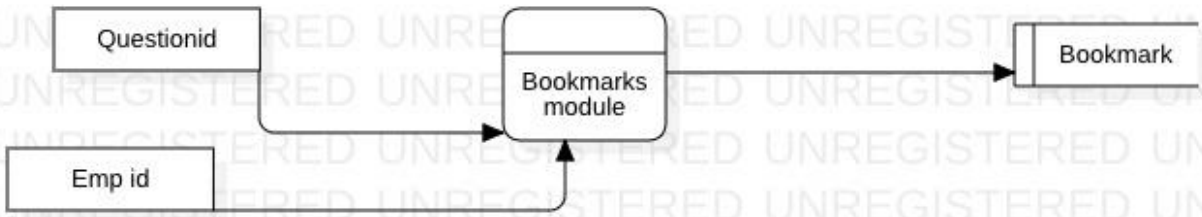
LEVEL 0 ANSWER DIAGRAM



LEVEL 0 LIKES DIAGRAM

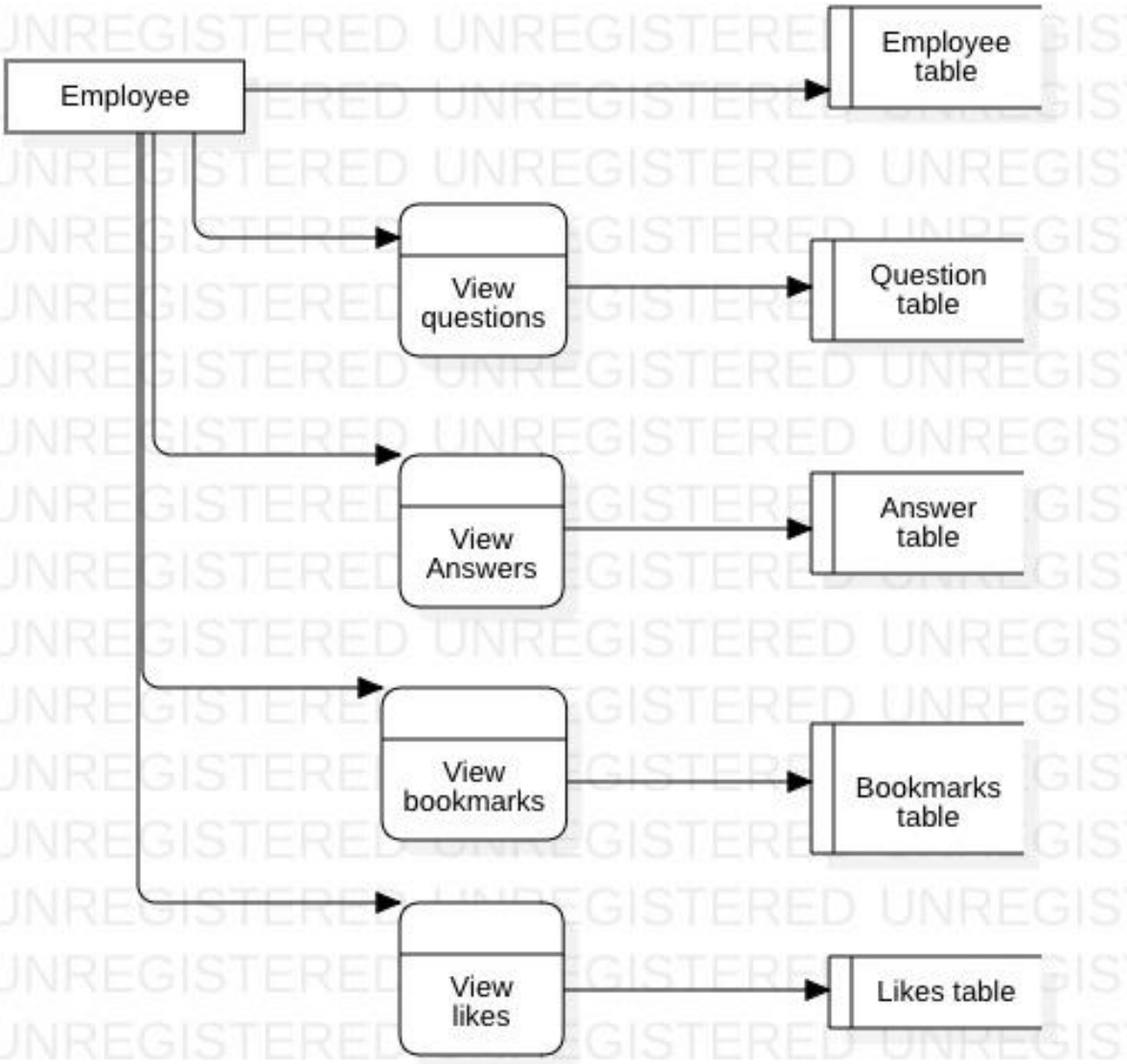


LEVEL 0 BOOKMARKS DIAGRAM

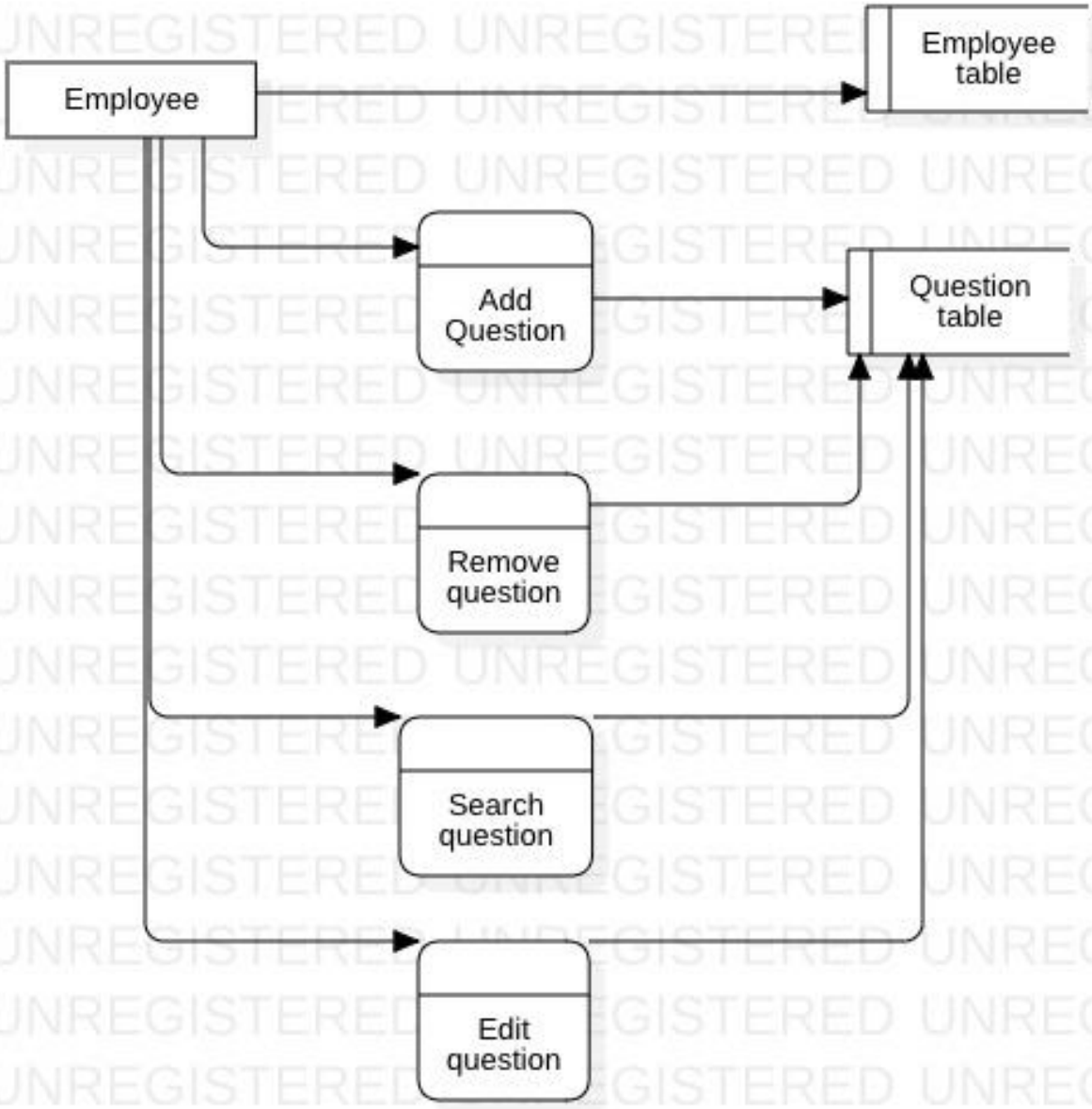


UNREGISTERED UNREGISTERED UNREGISTERED

LEVEL 1 EMPLOYEE DIAGRAM

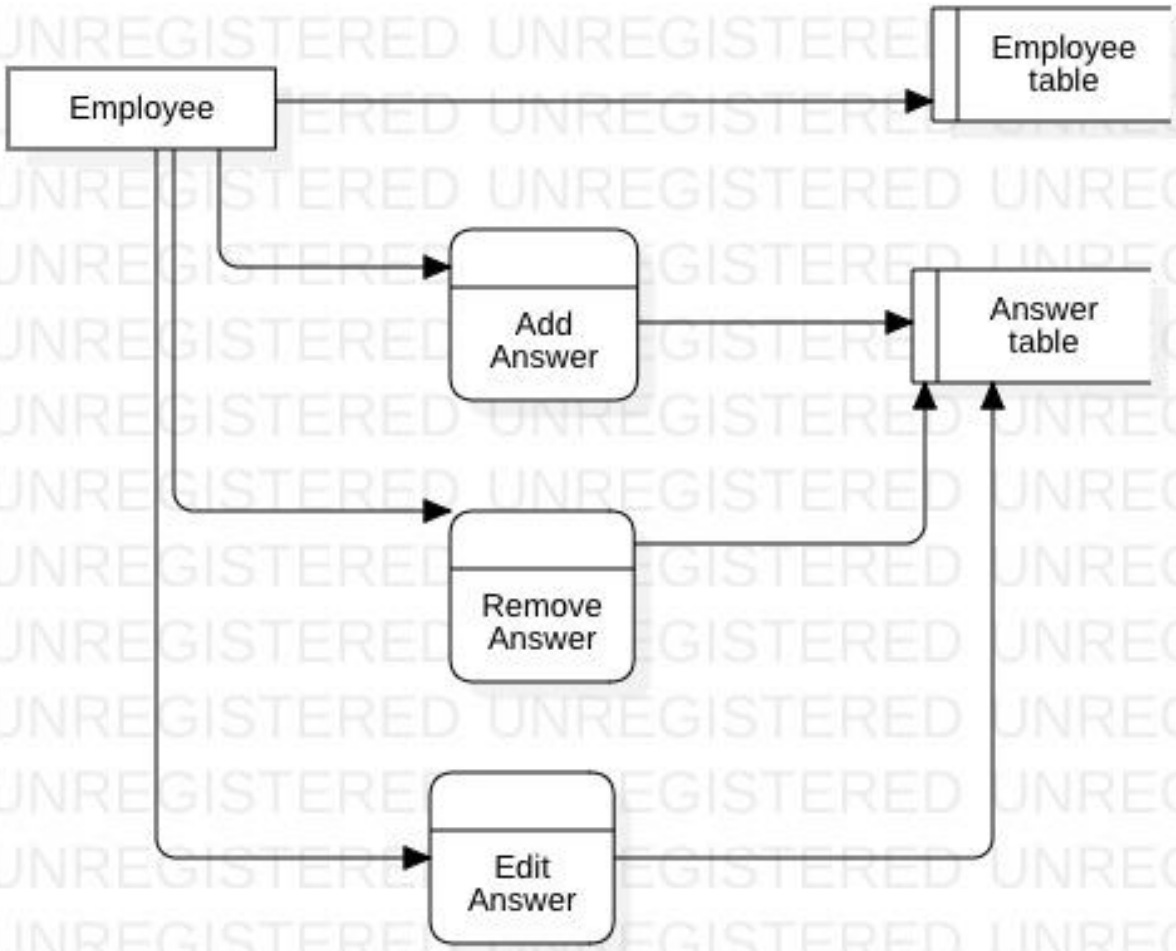


LEVEL 1 QUESTION DIAGRAM



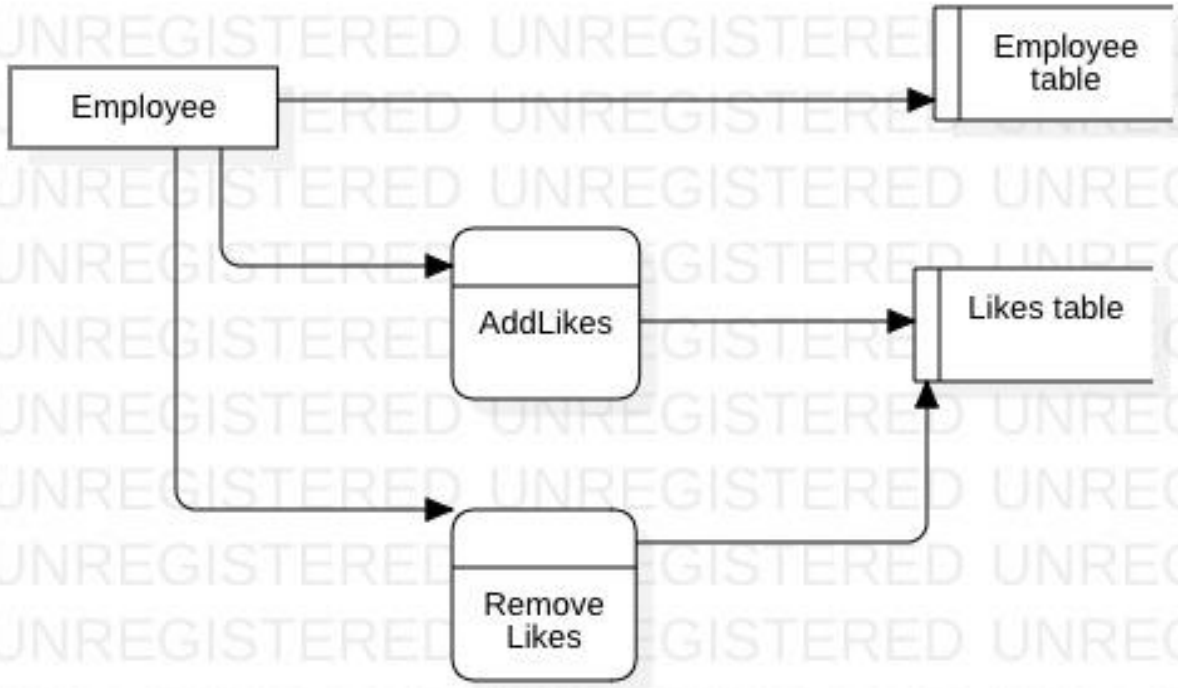
UNREGISTERED UNREGISTERED UNREGISTERED

LEVEL 1 ANSWER DIAGRAM

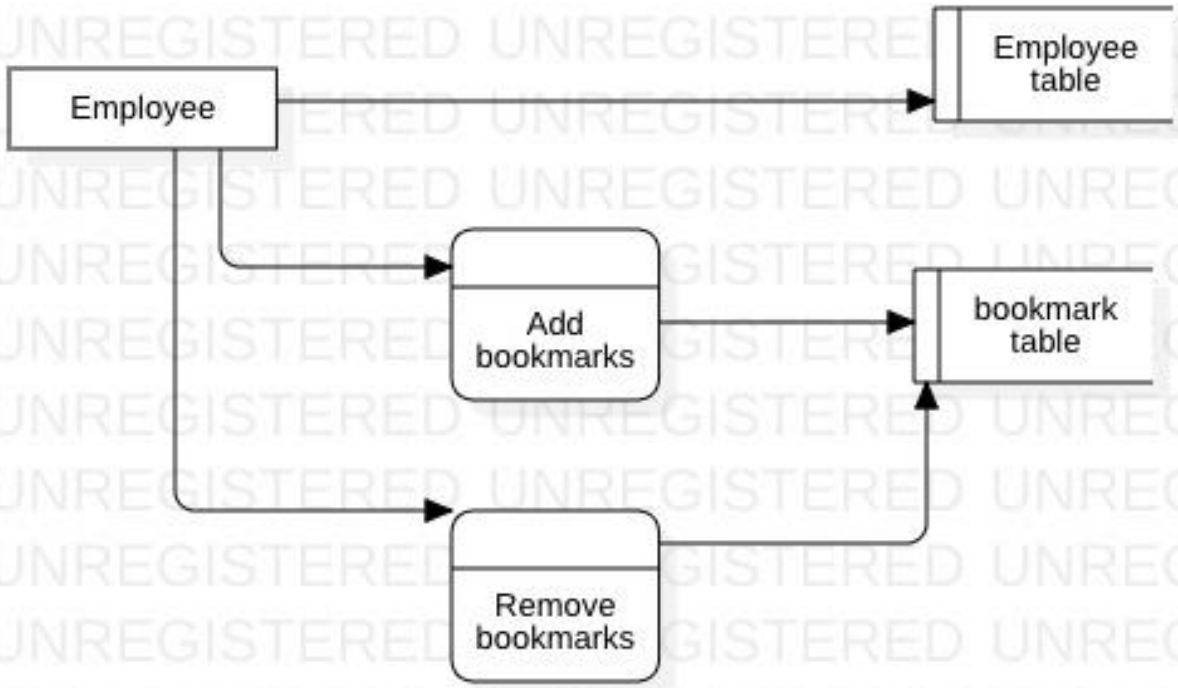


UNREGISTERED UNREGISTERED UNREGISTERED

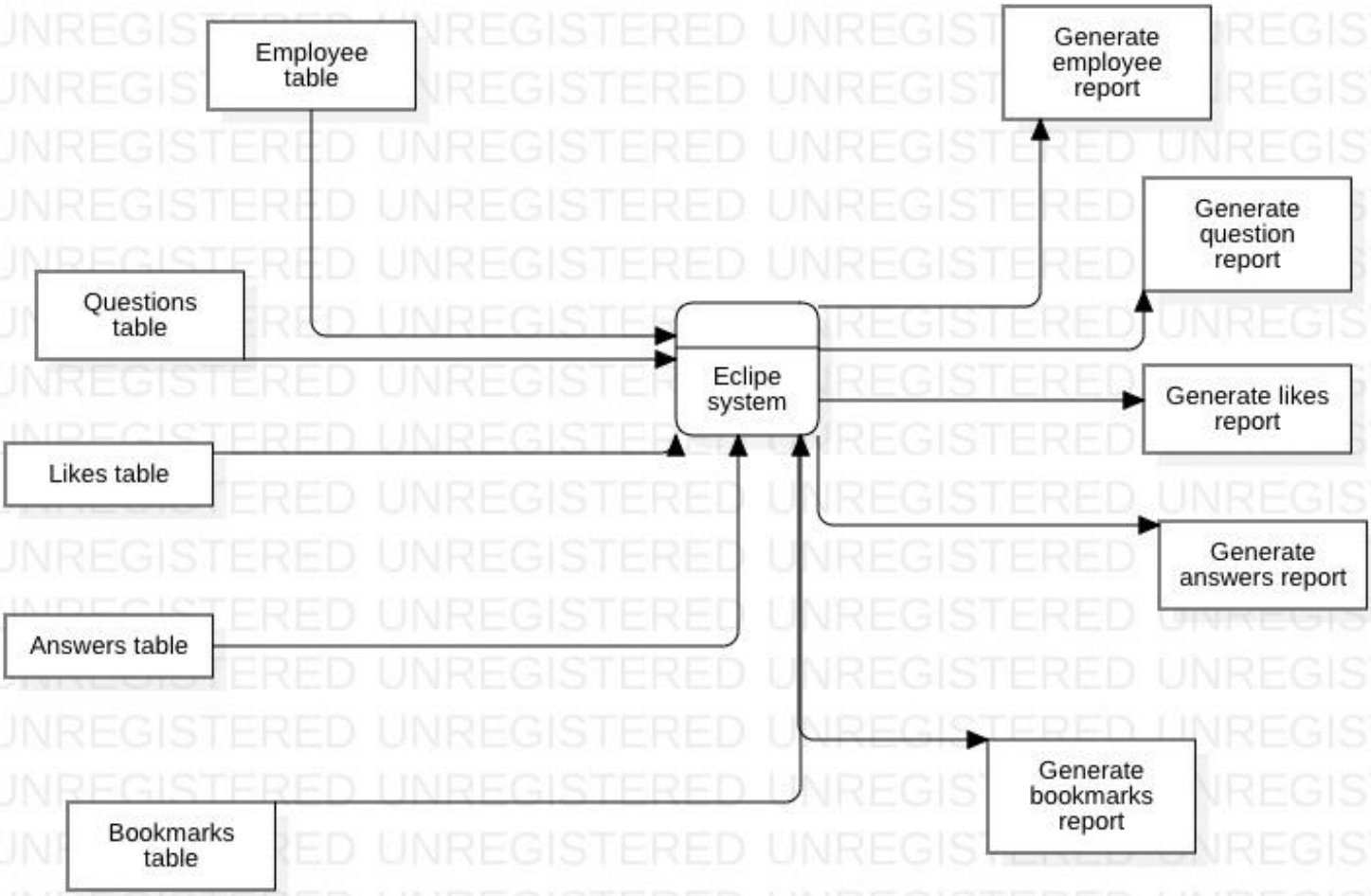
LEVEL 1 LIKES DIAGRAM



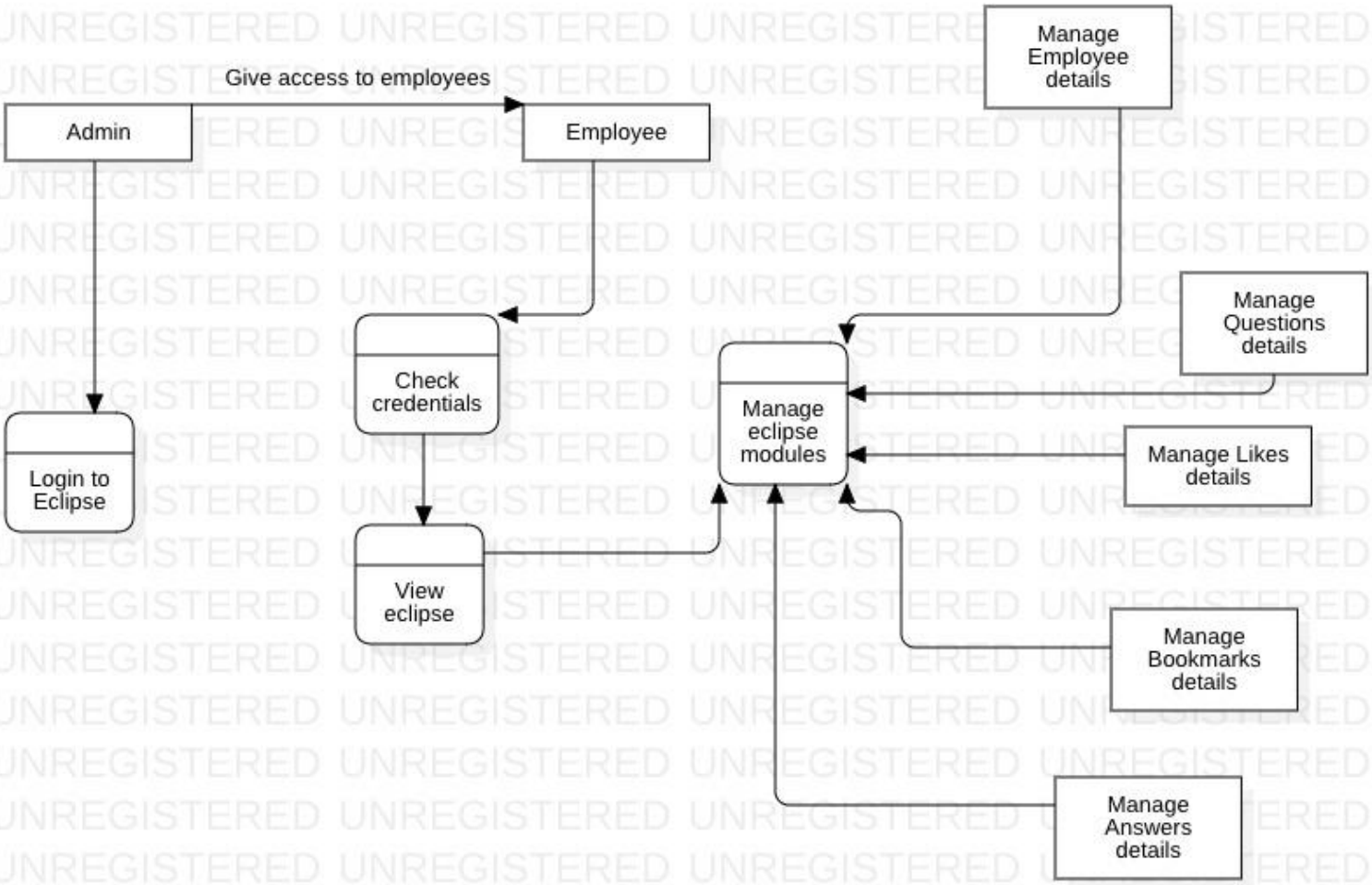
LEVEL 1 BOOKMARK DIAGRAM



LEVEL 1 DIAGRAM (ECLIPSE)



LEVEL 2 DIAGRAM (ECLIPSE)



CODING

FEED.PHP

```
<html>
<head>
    <link href="https://fonts.googleapis.com/css?family=Krona+One&dis-
play=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awe-
some/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css" href="feedstyle.css">
</head>

<body onload="fScrollMove('qpanelscroll');">
<input type="hidden" id="hidScroll" name="a">
    <?php
    include("connection.php");
    ?>
    <div class="header">
        <div class="hi">
    <h1 class="hi1">Hi, <?php session_start();
        $uid= $_SESSION['empid'];
        echo $_SESSION['empid'];  ?></h1>
    <h1 class="hi2" > DASHBOARD</h1>
    <div class="dropdown">
    <i class="fa fa-bars active" id="hi3"></i>
    <div class="dropdown-content">

            <a href="dashboard.php">Raise Query</a>
            <a href="feed.php">Feed</a>
            <a href="yourquestion.php">Your Questions</a>
            <a href="bookmark.php">Bookmarks</a>
            <a href="login.html">Logout</a>


    </div>
</div>
</div>
    </div>
    <h1 style="margin-top: 50px;margin-left: 20px;font-family: 'Krona One', sans-
serif;font-size: 2.5vw;font-weight: 1;display: inline-block;">Feed</h1>

    <form class="example" action="search.php" method="post" style="margin-
left:60%;max-width:300px;max-height: 50px;display: inline-block;">
  <input type="text" placeholder="Enter a keyword" name="search2" style="margin-
top: 39px" required>
  <button type="submit" style="margin-left:40%;float: right;margin-top: -
31px;"><i class="fa fa-search"></i></button>
</form>
```

```
<div class="qpanel" id="qpanelscroll" onscroll="fScroll(this);">
    <?php
    $sql="SELECT * FROM question ORDER BY qdate DESC";
    $result=mysqli_query($conn,$sql);
    if(mysqli_num_rows($result)>0){
    while($row=mysqli_fetch_assoc($result)){
        $quesid=$row["qid"];
        $users=$row["user"];
        if($users!=$uid)
        {
            $sql1="SELECT * FROM likes WHERE userid='$uid' AND questionid='$ques-
id'";
            $result1=mysqli_query($conn,$sql1);
            if(mysqli_num_rows($result1)>0){
            while($row1=mysqli_fetch_assoc($result1)){
                $questionid=$row1["questionid"];
                if($questionid==$quesid){

            $sql3="SELECT COUNT(*) as count FROM likes WHERE questionid='$quesid'";
            $result3=mysqli_query($conn,$sql3);
            $data=mysqli_fetch_assoc($result3);
            // "<a id='astyle' href='question.php?subject=$ques-
id'>".$row["qid"]."</a>"
    echo "<div id='div2'>"."<div id='qstyle'>"."Ques-
tion ID: " ."<span id='getid'>".$quesid."</span>"
    ." "
    ."<br>Username: ". $row["user"]."<br>Ques-
tion: ". $row["quest"]."<br>Date: ". $row["qdate"].
    "</div>".
    "<a id='astyle' href='mark.php?subject=$quesid'>"."Mark Question"."</a>".
    "<i class='fa fa-thumbs-up togglelikecolor' id='like-
style' ></i>"."<span id='nolikes'>"."Likes: ".$data['count']."</span>"
    ."<br>"."</div>";
                }

}
            }

        else{
            $sql3="SELECT COUNT(*) as count FROM likes WHERE questionid='$quesid'";
            $result3=mysqli_query($conn,$sql3);
            $data=mysqli_fetch_assoc($result3);

                echo "<div id='div2'>"."<div id='qstyle'>"."Ques-
tion ID: " ."<span id='getid'>".$quesid."</span>"
            ." "
            ."<br>Username: ". $row["user"]."<br>Ques-
tion: ". $row["quest"]."<br>Date: ". $row["qdate"].
            "</div>".
```

```
            "<a id='astyle' href='mark.php?subject=$quesid'>"."Mark Ques-
tion"."</a>".
            "<i class='fa fa-thumbs-up' id='like-
style' ></i>"."<span id='nolikes'>"."Likes: ".$data['count']."</span>"
            ."<br>"."</div>";

            }
}
else{
    $sql3="SELECT COUNT(*) as count FROM likes WHERE questionid='$quesid'";
    $result3=mysqli_query($conn,$sql3);
    $data=mysqli_fetch_assoc($result3);

    echo "<div id='div2'>"."<div id='qstyle'>"."Ques-
tion ID: " ."<span id='getid'>".$quesid."</span>"
    ." "
    ."<br>Username: ". $row["user"]."<br>Ques-
tion: ". $row["quest"]."<br>Date: ". $row["qdate"]."<span id='nolikes'>"."Likes: ".
$data['count']."</span>".
    "<a id='astyle2' href='deleteqfromfeed.php?subject=$quesid'>"." x"."</a>".
    "<br>".
    " </div>"."</div>";

}
    }
}

    else{
    echo "<span id='qstyle'>"."There are no questions to display"."</span>";

}

    ?>

</div>


<script type="text/javascript">
    function disp1(){
        document.getElementById('form1').style.display="block";
    }

    function disp2(){
        document.getElementById('form1').style.display="none";
        document.getElementById('form2').style.display="block";
    }

    var likeButton = document.querySelectorAll("#likestyle");
    for(var item of likeButton)
    {
        item.addEventListener("click",function(){
```

```
            // this.classList.toggle("togglelikecolor");
            var x=this.parentElement.querySelector("#getid").textContent;
            //  window.location.href="like.php?subject="+x;
            var xmlhttp = new XMLHttpRequest();
            xmlhttp.open("GET", "like.php?subject="+ x, true);
            xmlhttp.send();
            window.setTimeout(function(){
                window.location.reload();

            }, 500);


        })
    }

    var jump=document.querySelectorAll("#qstyle");

    for(var i of jump){

        i.addEventListener("click",function(){

            var id=this.querySelector("#getid").textContent;
            console.log(id);
            window.location.href="question.php?subject="+id;

        })
    }

    var scrolval;

    function fScroll(val)
{
        var hidScroll = document.getElementById('hidScroll');
        hidScroll.value = val.scrollTop;
        scrolval=hidScroll.value;
        localStorage.setItem("someVarKey", scrolval);
}

function fScrollMove(what)
{
        var hidScroll = document.getElementById('hidScroll');
        hidScroll.value = localStorage.getItem("someVarKey");
        document.getElementById(what).scrollTop = hidScroll.value;
}



</script>
</body>
</html>
```

FEEDSTYLE.CSS

```css
body{
  /*background-color: rgba(2, 63, 120,0.3);*/
  margin:0%;
  background-image: url('img.png');
  background-size: cover;
  background-repeat: no-repeat;
  /*background-image: linear-gradient(to top right, white, #1073b5);
  margin: 0%;*/
  overflow: none;
}

.header{
  margin: 0%;
  width: 100%;
  height: 15%;
  background-color: rgba(16, 52, 181,0.4);
}

.hi{
  padding-top:20px;
  width: 100%;
  height: 50%;


}

.hi1{
  /*padding-top: 20px;*/
  display: inline;
  margin: 0%;
  font-family: 'Arial', sans-serif;
  font-size: 1.5vw;
  width: 40px;

}
.hi2{
  /*padding-top: 20px;*/
  display: inline-block;
  margin-top: 0%;
  margin-left: 27%;
  /*font-family: 'Arial', sans-serif;
  font-size: 3vw;*/
  font-family: 'Krona One', sans-serif;
  font-size: 3vw;
  font-weight: 5;
  width: 200px;
  /*padding-top: 20px;*/
```

```
}

#hi3{
  /*display: inline;
  margin-left: 30%;*/
  font-size: 2.4vw;
}

.active:hover{
  color: green;
  border-radius: 3px;
}

.dropdown {
  margin-left: 30%;
  position: relative;
  display: inline-block;
}


.dropdown-content {
  display: none;
  position: absolute;
  background-color: rgba(47, 112, 224,1);;
  min-width: 200px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  z-index: 1;
  border-radius: 25px;
}


.dropdown-content a {
  color: black;
  padding: 25px 16px;
  text-decoration: none;
  display: block;
  border-radius: 25px;
}

/* Change color of dropdown links on hover */
.dropdown-content a:hover {background-color: #ddd;}

/* Show the dropdown menu on hover */
.dropdown:hover .dropdown-content {display: block;}

/* Change the background color of the dropdown button when the dropdown con-
tent is shown */
.dropdown:hover .dropbtn {background-color: #3e8e41;}


/*.qpanel{
```

```
  position:absolute;
    margin: 3% auto;
    max-height: 600px;
    width: 900px;
    background: rgba(2, 63, 120,0.5);
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.6);
    overflow: scroll;
}*/

.qpanel{
  margin:1.5% auto;
  width:1000px;
  max-height: 400px;
  overflow-y: scroll;
  /* border: 1px solid black; */
  /* background: rgba(2, 63, 120,0.5); */
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.6);
    transition:0.3s;
}

.qpanel:hover{
  transform: scale3d(1,1.1,1);
  transform-origin: center;
  font-size: 1.2vw;
  font-family: 'Arial', sans-serif;
  backface-visibility: hidden;
  -webkit-font-smoothing: subpixel-antialiased !important;
  transform: translateZ(0);
}
#div2:hover {
  /* transform: scaleY(1.2); */
  transform: scale3d(1,1.05,1);
  transform-origin: center;
  font-family: 'Arial', sans-serif;
  font-size: 1.2vw;
  -webkit-font-smoothing: subpixel-antialiased !important;
  backface-visibility: hidden;
  box-shadow: 0 5px 15px rgba(0,0,0,0.3);
}

#qstyle{

  width:980px;
  min-height: 140px;
  line-height: 2;
  font-size: 1.2vw;
  font-family: 'Arial', sans-serif;

}

#div2{
```

```
  width:980px;
   min-height: 140px;
   border-bottom: 1px solid white;
   /*background: rgba(66, 236, 245,1);*/
   /* background-image: linear-gradient(to bottom right,green,white); */
   background-color: rgba(167, 193, 199,0.3);
   font-size: 1.2vw;
  font-family: 'Arial', sans-serif;
  box-shadow: 0 1px 2px rgba(0,0,0,0.15);
  transition:0.3s;
  word-wrap: break-word;
}
/* #div2:hover p {
  transform: scaleY(0.66)
} */




button
{
  display: inline-block;
    margin-top: 20px;
    margin-left: 23%;
    margin-bottom: 30px;
    width: 225px;
    height: 40px;
    background:rgba(2, 63, 120,0.5);
    border: none;
    border-radius: 2px;
    color: #fff;
    font-family: sans-serif;
    font-weight: 500;
    text-transform: uppercase;
    transition: 0.2s ease;
    cursor: pointer;

}

button:hover,
button:focus
{
    background: rgba(2, 63, 120,1);
    transition: 0.2s ease;
}

#form1{
  display: none;
}
```

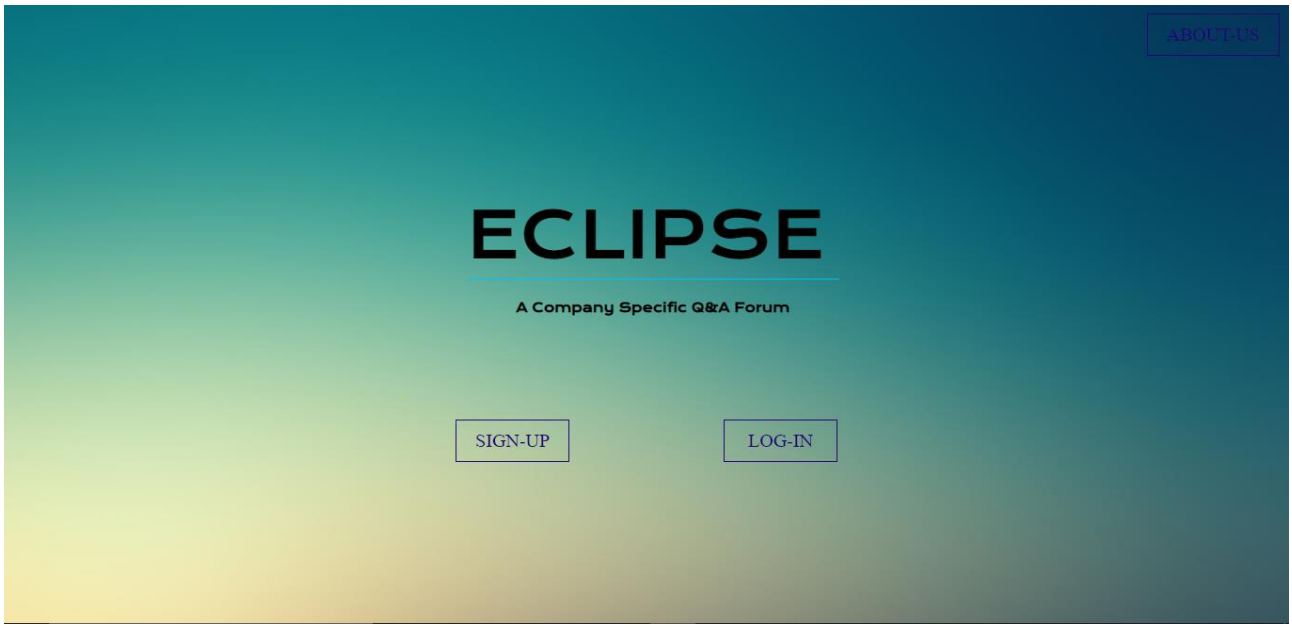
```css
#form2{
  display: none;
}

#text1
{
    margin-top: 7px;
    margin-left: 40%;
    margin-bottom: 10px;
    display: block;
    box-sizing: border-box;
    padding: 4px;
    width: 225px;
    height: 32px;
    border: none;
    outline: none;
    border-bottom: 1px solid #aaa;
    font-family: sans-serif;
    font-weight: 400;
    font-size: 15px;
    transition: 0.2s ease;
    background-color: rgba(2, 63, 120,0.5);
}

#text2
{
    margin-top: 7px;
    margin-left: 63%;
    margin-bottom: 10px;
    display: block;
    box-sizing: border-box;
    padding: 4px;
    width: 225px;
    height: 32px;
    border: none;
    outline: none;
    border-bottom: 1px solid #aaa;
    font-family: sans-serif;
    font-weight: 400;
    font-size: 15px;
    transition: 0.2s ease;
    background-color: rgba(2, 63, 120,0.5);
}

#astyle{

  color: black;
  /*padding: 5px 5px;*/
  text-decoration: none;
  display: inline-block;
  /*border-radius: 25px;*/
```

```
  position: relative;
  background-color: rgba(156, 245, 66,1);
  min-width: 20px;
  height: 23px;
  border-radius: 3px;
  display: inline-block;
  margin-left: 2px;

}

#astyle:hover{
  background-color: #42f596;

}

#likestyle{
  display: inline-block;
  font-size: 20px;
  margin-left: 10px;
}
.togglelikecolor{
  color:blue;
}

#astyle2{

  color: black;
  /*padding: 5px 5px;*/
  text-decoration: none;
  display: inline-block;
  margin-left: 70%;
  /*border-radius: 25px;*/
  position: relative;
  background-color: rgba(156, 245, 66,1);
  min-width: 20px;
  height: 30px;
  border-radius: 3px;
  display: inline-block;

}

#astyle2:hover{
  background-color: red;
  /*#42f596;*/

}

form.example input[type=text] {
  padding: 10px;
  font-size: 17px;
  border: 1px solid grey;
```

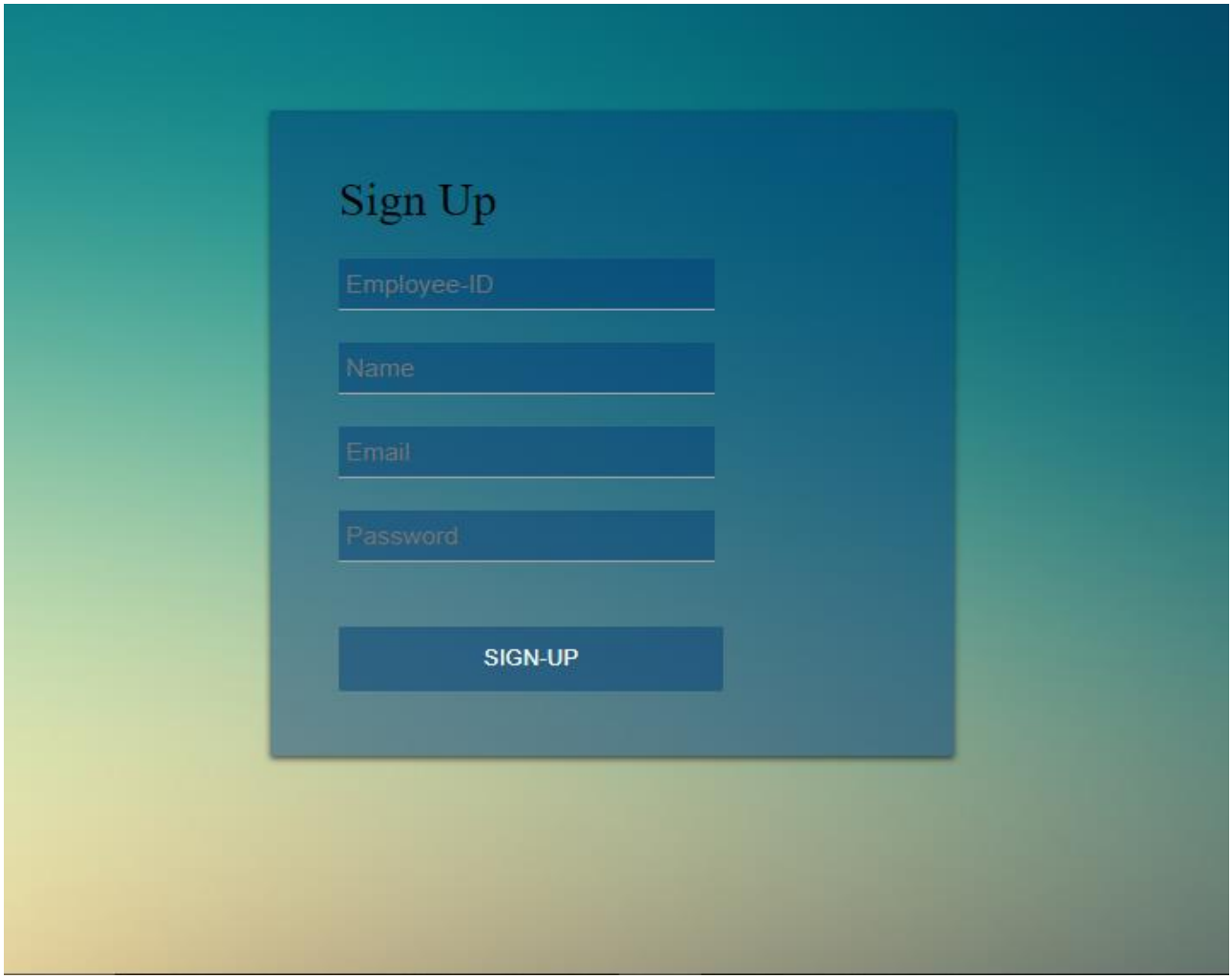
```
  float: left;
  width: 250px;
  height: 30px;
  background: rgba(2, 63, 120,0.5);
}

form.example button {
  float: left;
  width: 50px;
  height: 31px;
  padding: 2px;
  background: #2196F3;
  color: white;
  font-size: 17px;
  border: 1px solid grey;
  border-left: none;
  cursor: pointer;
}

form.example button:hover {
  background: #0b7dda;
}

form.example::after {
  content: "";
  clear: both;
  display: table;
}

#nolikes{
  margin-left: 15px;
}
```

SCREENSHOTS

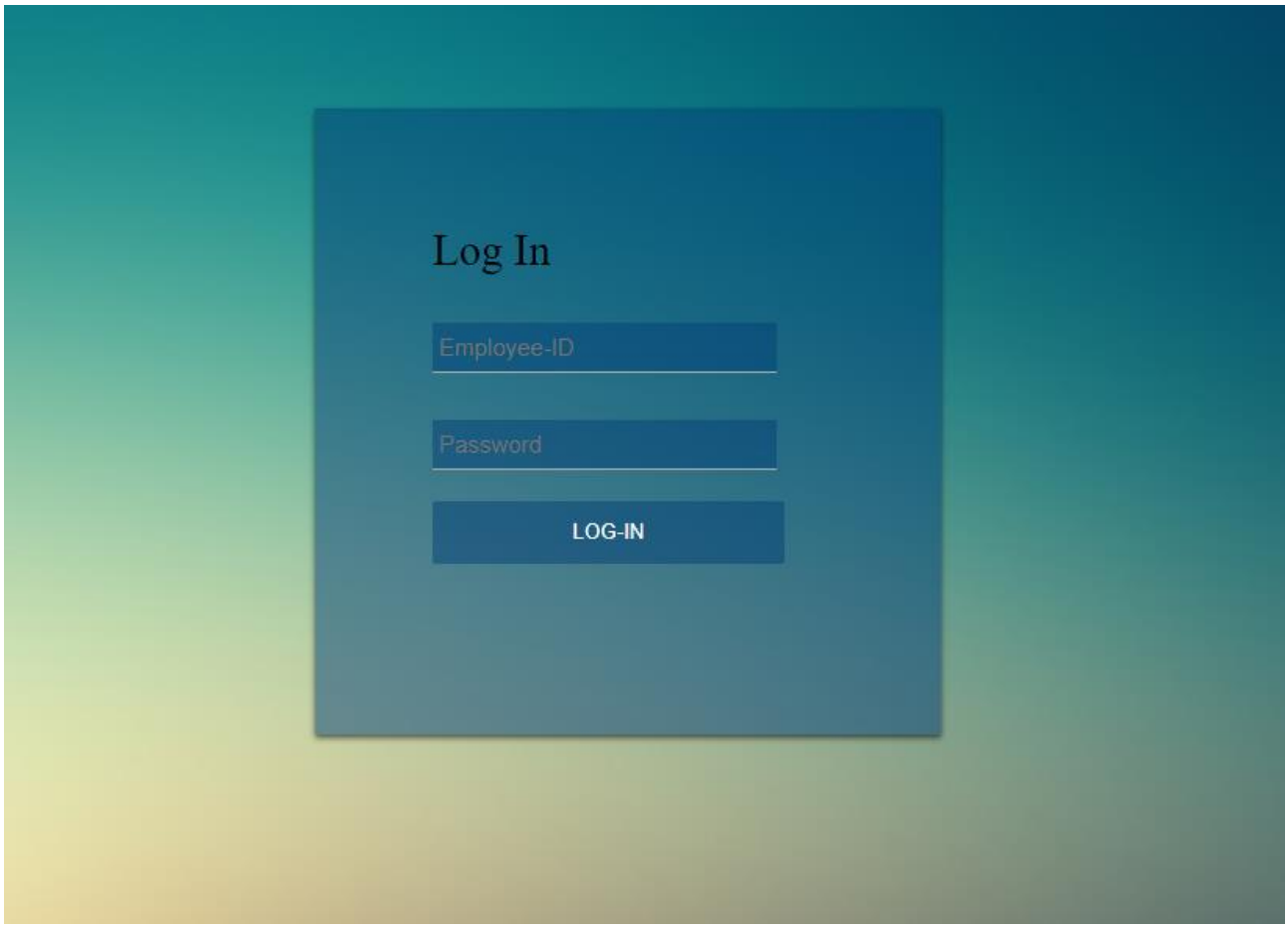
HOME PAGE



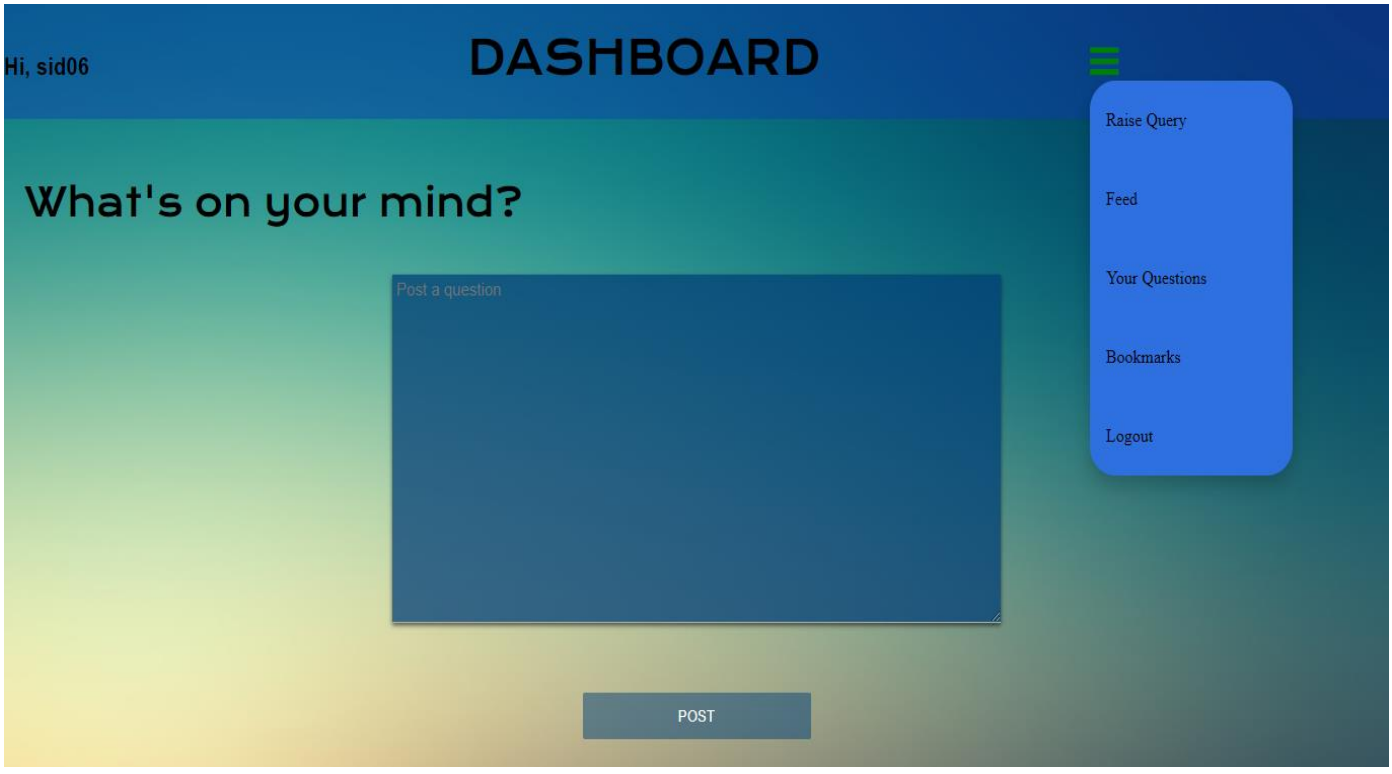
SIGN-UP PAGE



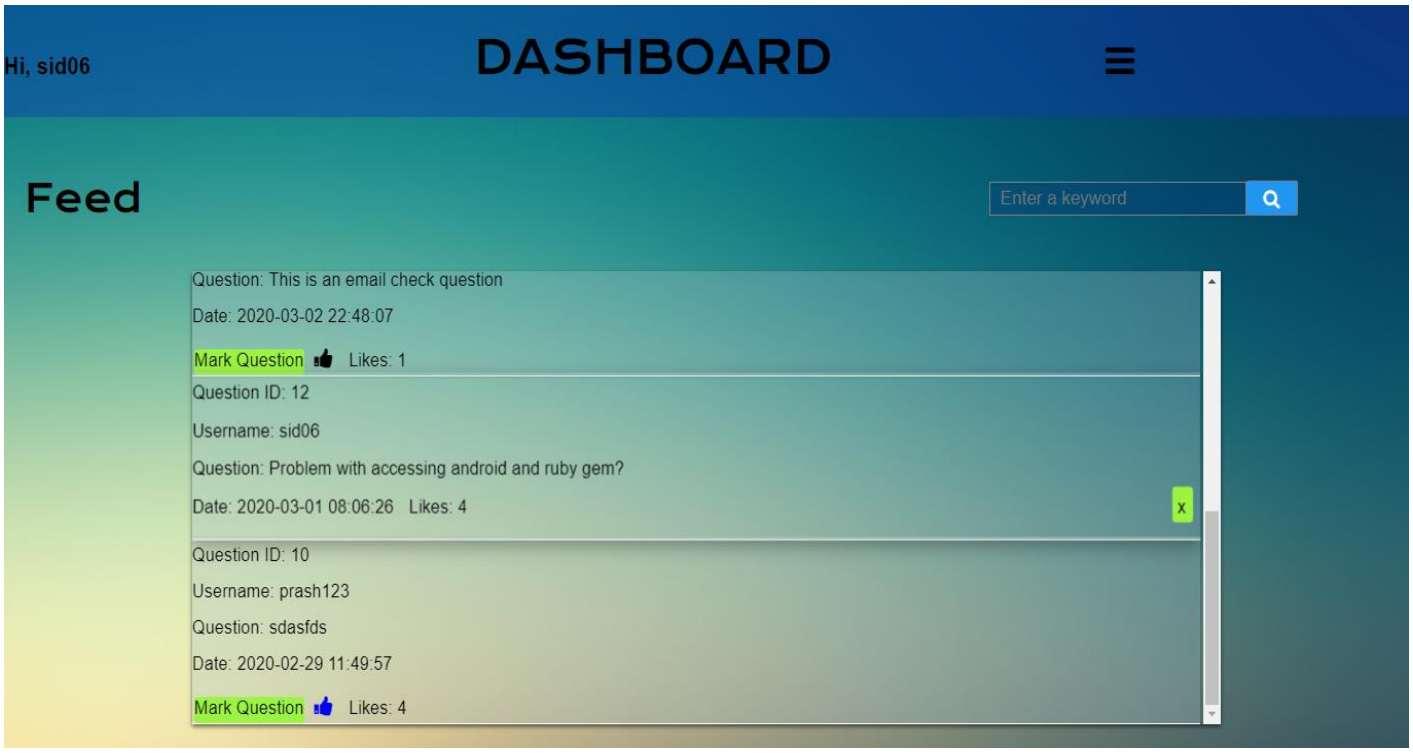
LOGIN PAGE



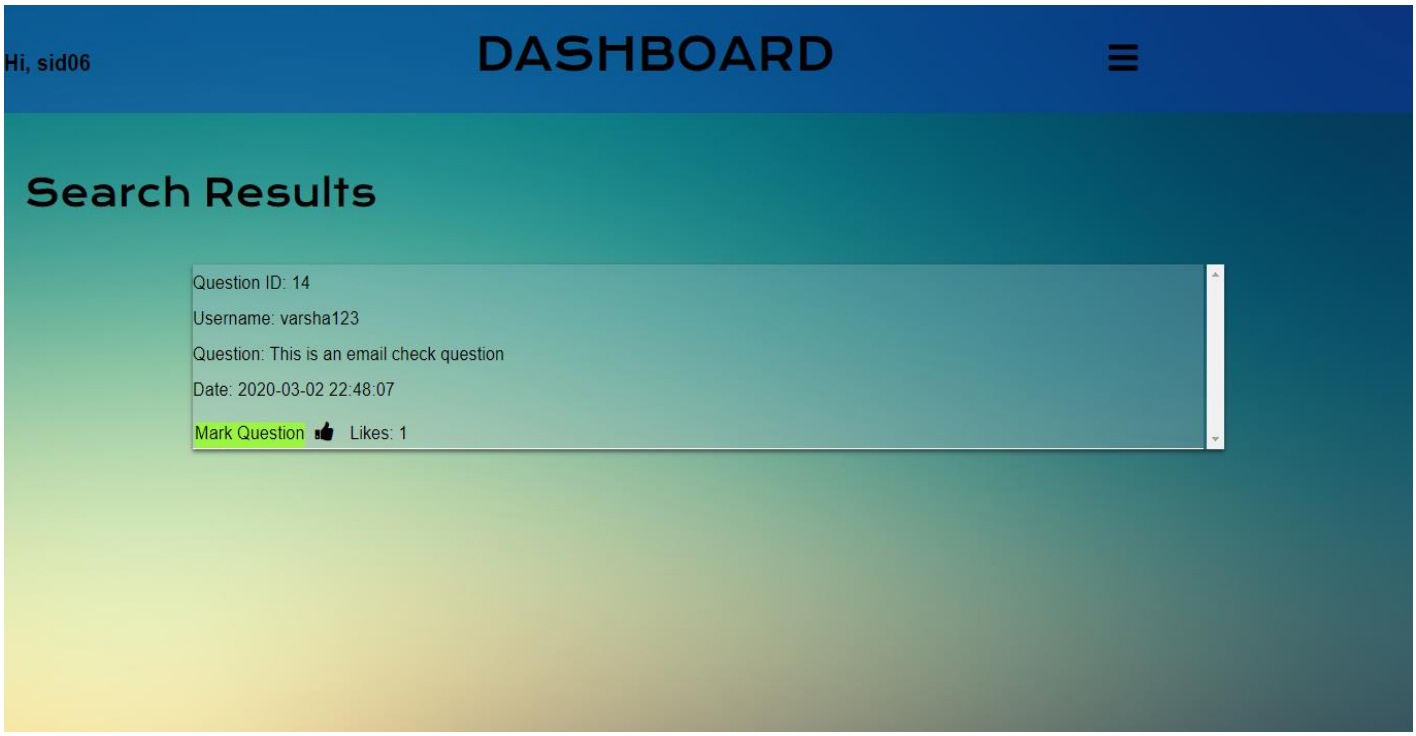
RAISE QUERY PAGE



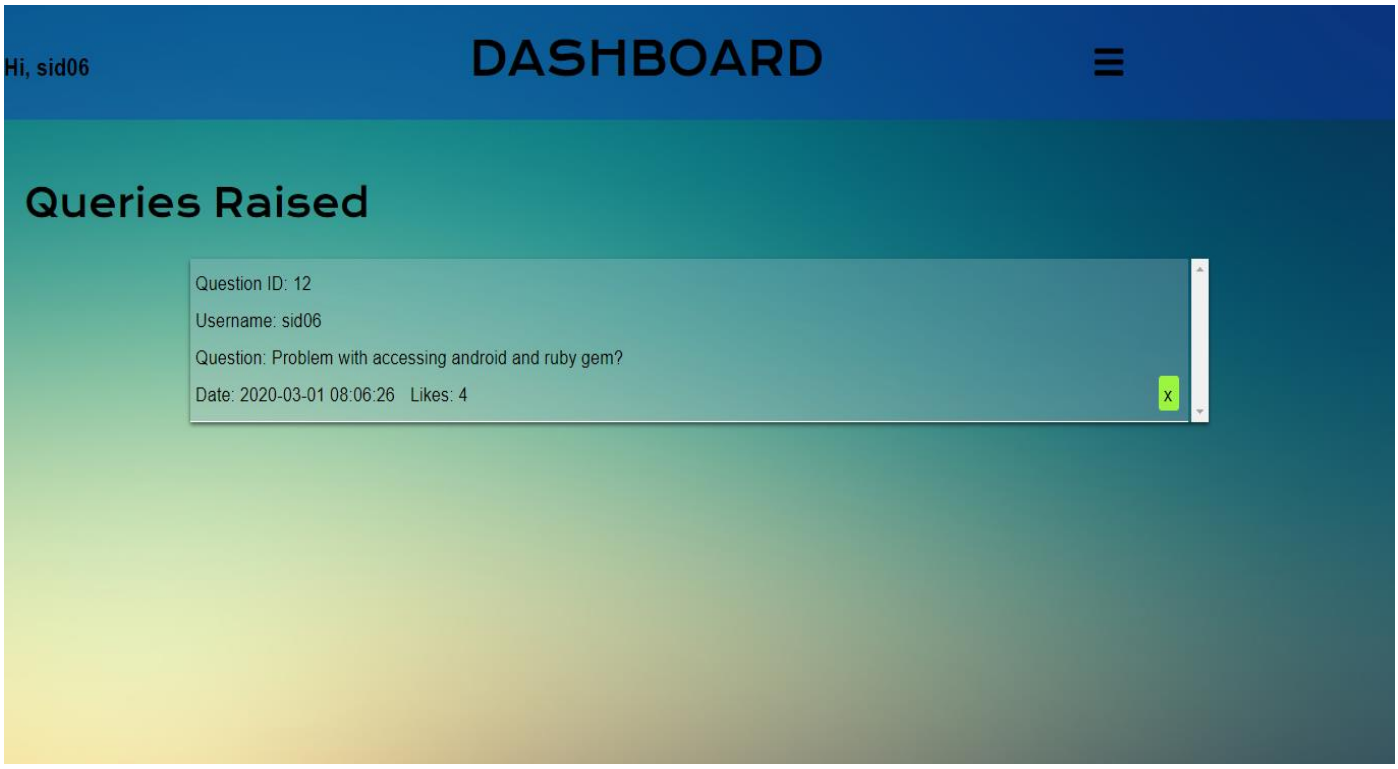
FEED PAGE



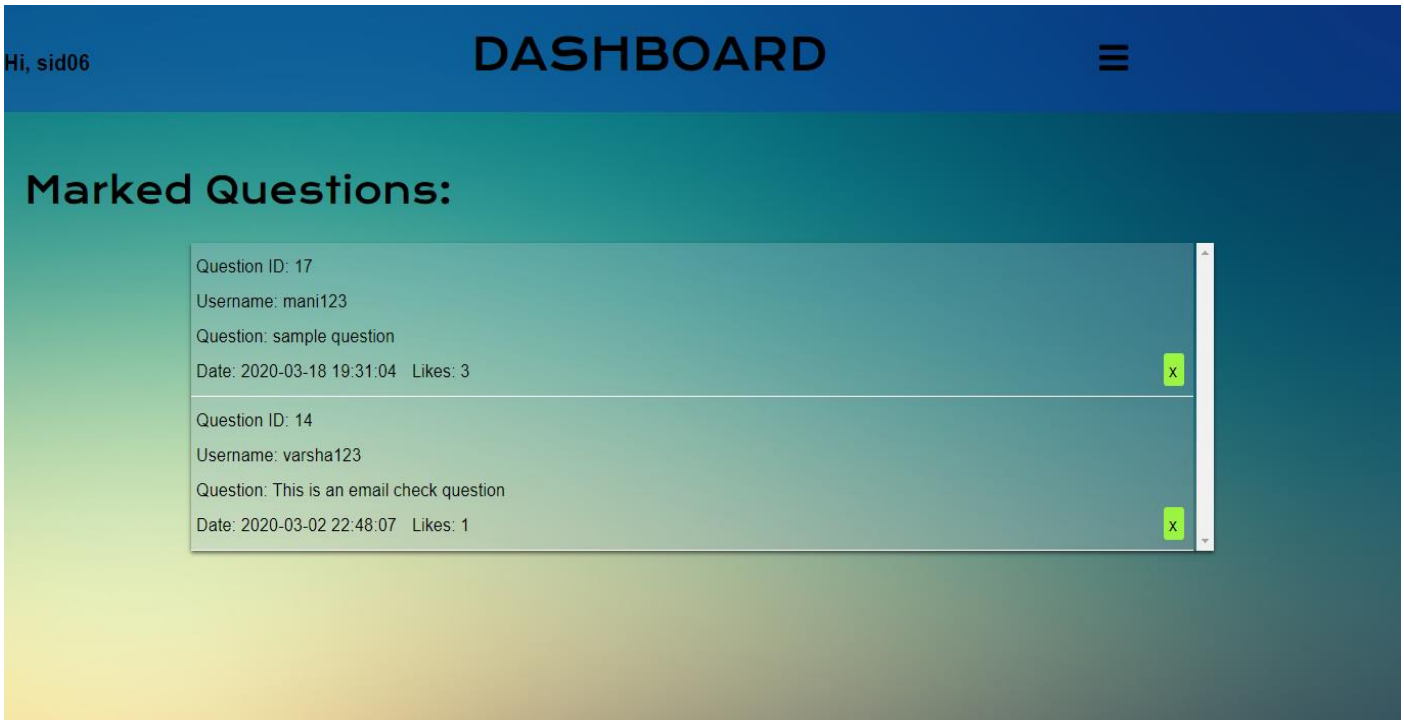
SEARCH RESULTS PAGE



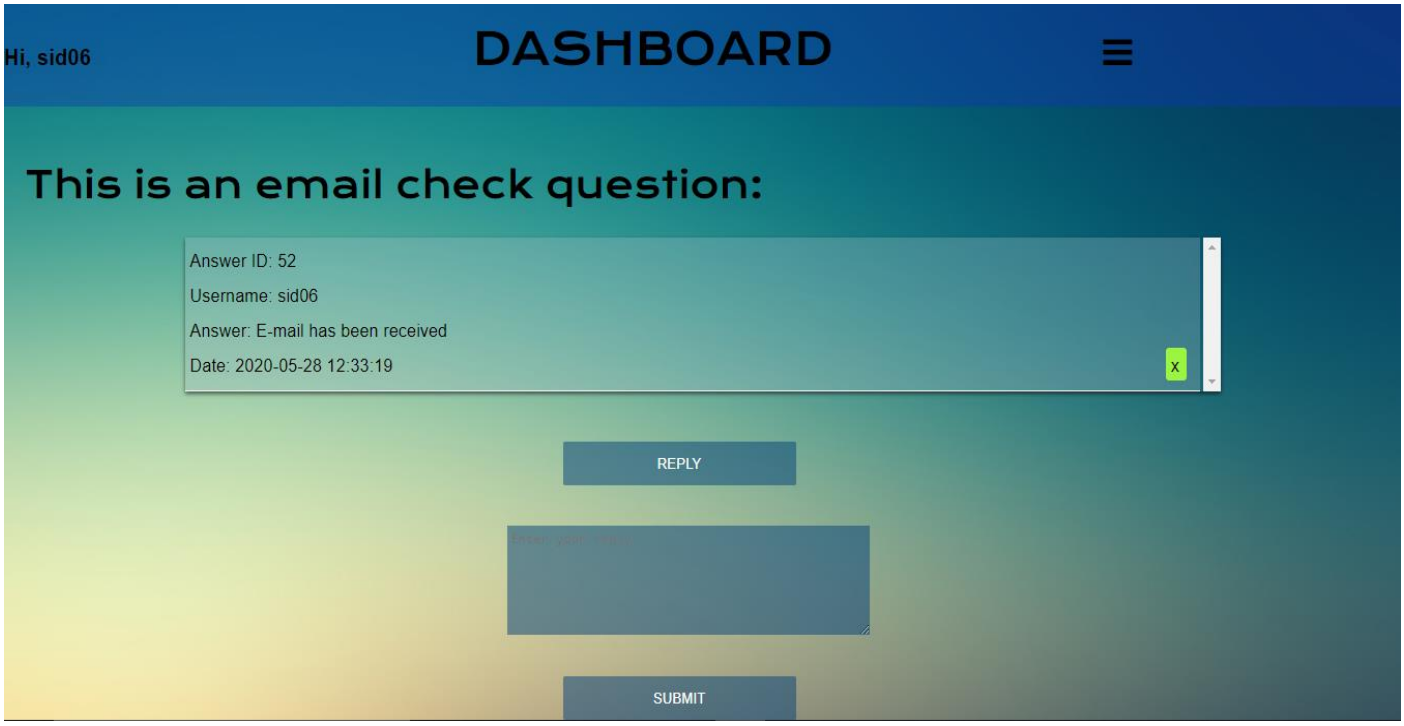
YOUR QUESTIONS PAGE



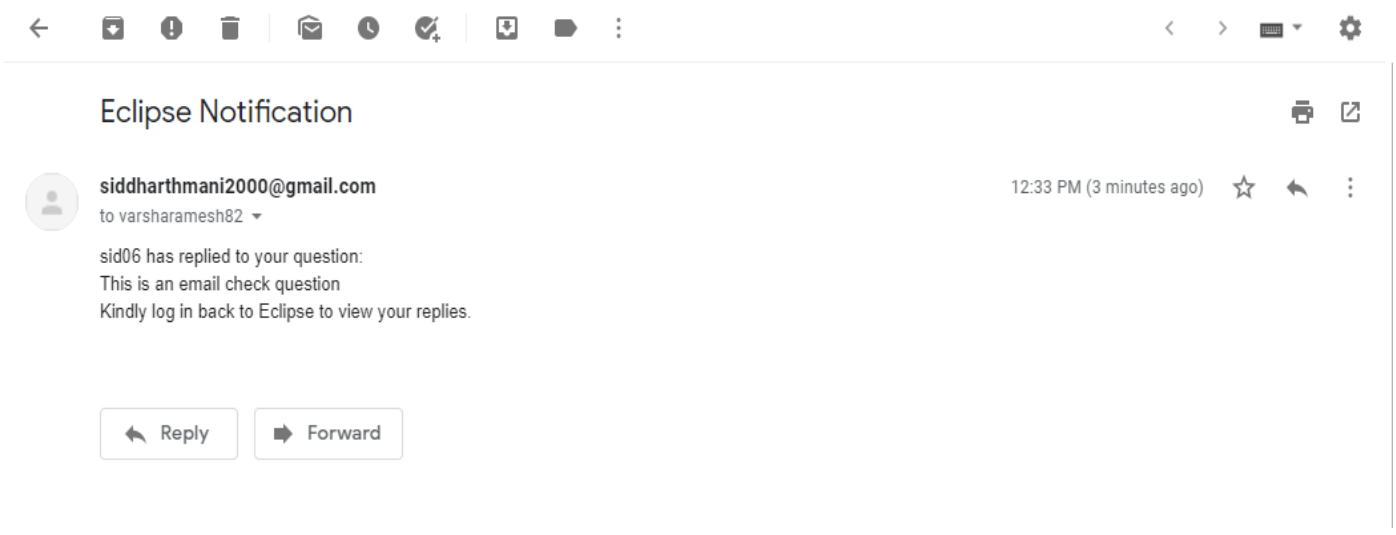
BOOK-MARKS PAGE



ANSWERS PAGE

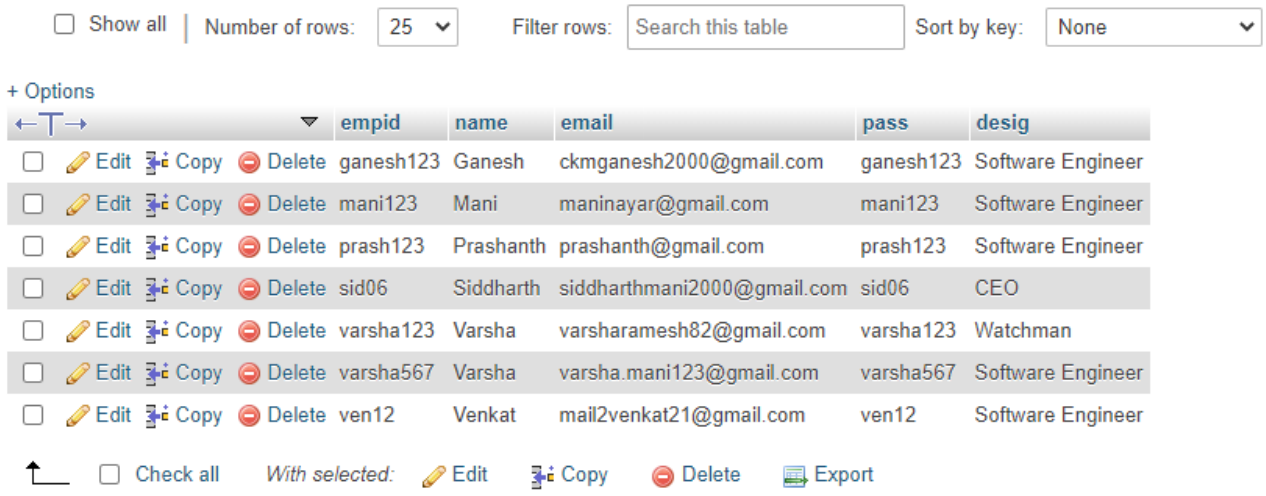


E-MAIL NOTIFICATION



DATABASE SCHEMA

TABLE – EMP



Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

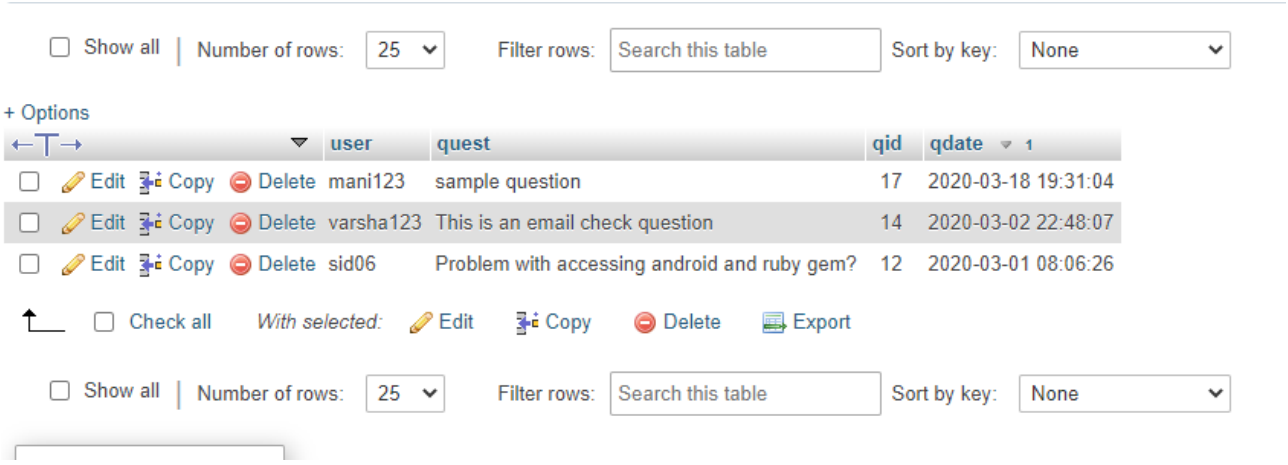
+ Options

	empid	name	email	pass	desig
Edit Copy Delete	ganesh123	Ganesh	ckmganesh2000@gmail.com	ganesh123	Software Engineer
Edit Copy Delete	mani123	Mani	maninayar@gmail.com	mani123	Software Engineer
Edit Copy Delete	prash123	Prashanth	prashanth@gmail.com	prash123	Software Engineer
Edit Copy Delete	sid06	Siddharth	siddharthmani2000@gmail.com	sid06	CEO
Edit Copy Delete	varsha123	Varsha	varsharamesh82@gmail.com	varsha123	Watchman
Edit Copy Delete	varsha567	Varsha	varsha.mani123@gmail.com	varsha567	Software Engineer
Edit Copy Delete	ven12	Venkat	mail2venkat21@gmail.com	ven12	Software Engineer

Check all With selected: Edit Copy Delete Export

The table ‘emp’ consists of employee id, employee name, employee email, password and designation as attributes. Employee id is used as the primary key.

TABLE – QUESTION



Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

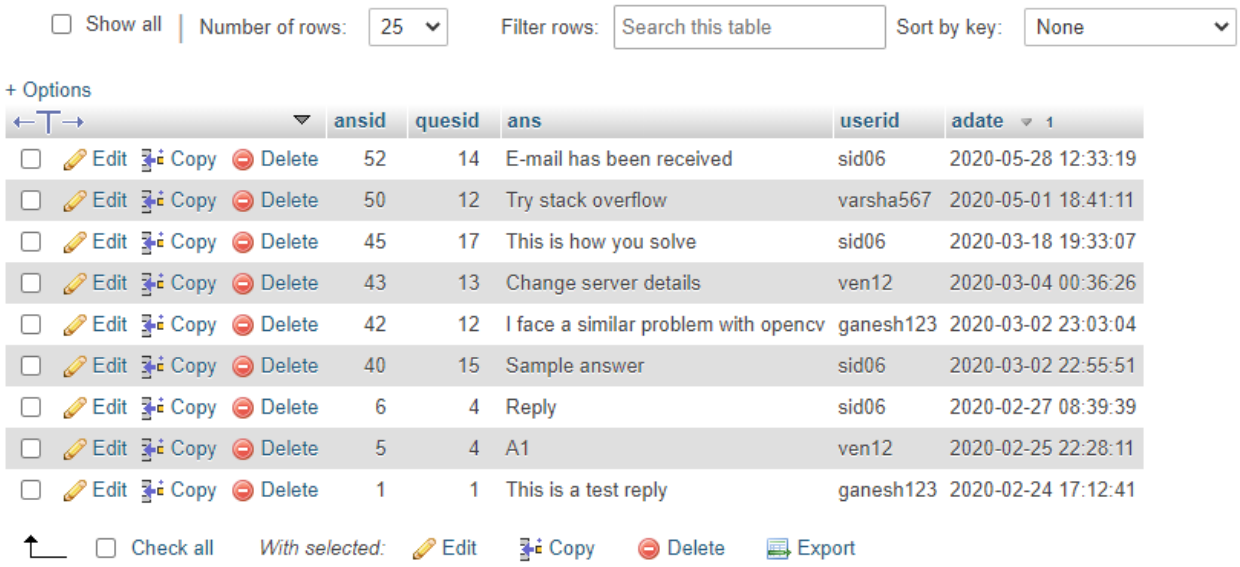
	user	quest	qid	qdate
Edit Copy Delete	mani123	sample question	17	2020-03-18 19:31:04
Edit Copy Delete	varsha123	This is an email check question	14	2020-03-02 22:48:07
Edit Copy Delete	sid06	Problem with accessing android and ruby gem?	12	2020-03-01 08:06:26

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

The table ‘question’ consists of employee id, the query raised by the employee, the question id and the date-time of the question. The primary key is question id which is auto incremented.

TABLE – ANSWER


Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

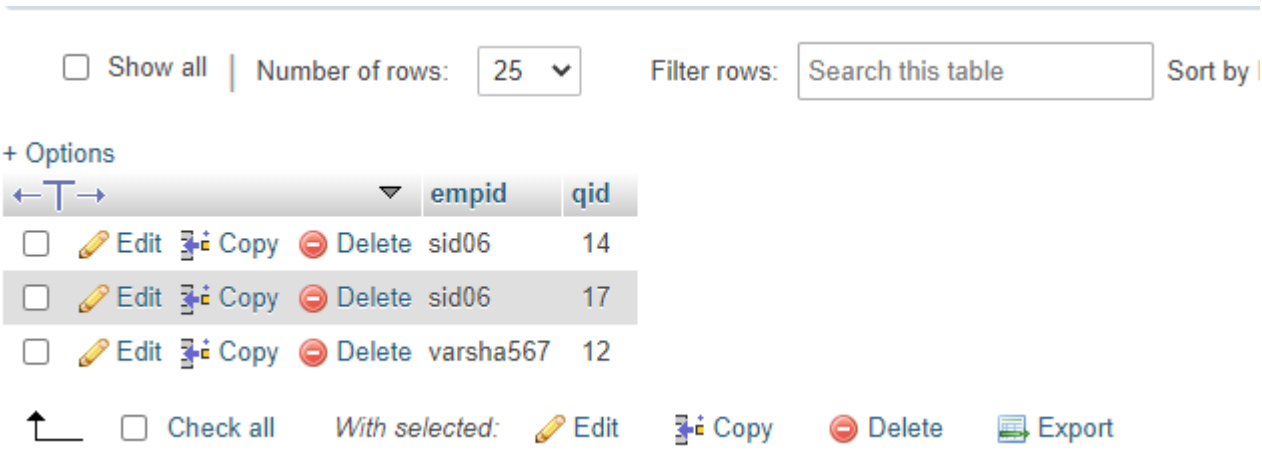
+ Options

	ansid	quesid	ans	userid	adate
Edit Copy Delete	52	14	E-mail has been received	sid06	2020-05-28 12:33:19
Edit Copy Delete	50	12	Try stack overflow	varsha567	2020-05-01 18:41:11
Edit Copy Delete	45	17	This is how you solve	sid06	2020-03-18 19:33:07
Edit Copy Delete	43	13	Change server details	ven12	2020-03-04 00:36:26
Edit Copy Delete	42	12	I face a similar problem with opencv	ganesh123	2020-03-02 23:03:04
Edit Copy Delete	40	15	Sample answer	sid06	2020-03-02 22:55:51
Edit Copy Delete	6	4	Reply	sid06	2020-02-27 08:39:39
Edit Copy Delete	5	4	A1	ven12	2020-02-25 22:28:11
Edit Copy Delete	1	1	This is a test reply	ganesh123	2020-02-24 17:12:41

Check all With selected: Edit Copy Delete Export

The table ‘answer’ consists of answer id, question id, the answer/reply to a particular question, the employee id of the responding party and the date-time of the answer. The primary key is answer id which is auto incremented.

TABLE – BOOKMARK


Show all | Number of rows: 25 Filter rows: Search this table Sort by

+ Options

	empid	qid
Edit Copy Delete	sid06	14
Edit Copy Delete	sid06	17
Edit Copy Delete	varsha567	12

Check all With selected: Edit Copy Delete Export

The table ‘bookmark’ consists of the employee id of the party marking questions and the question id. In this case the employee id and the question id are used as composite keys to avoid duplication.

TABLE – LIKES

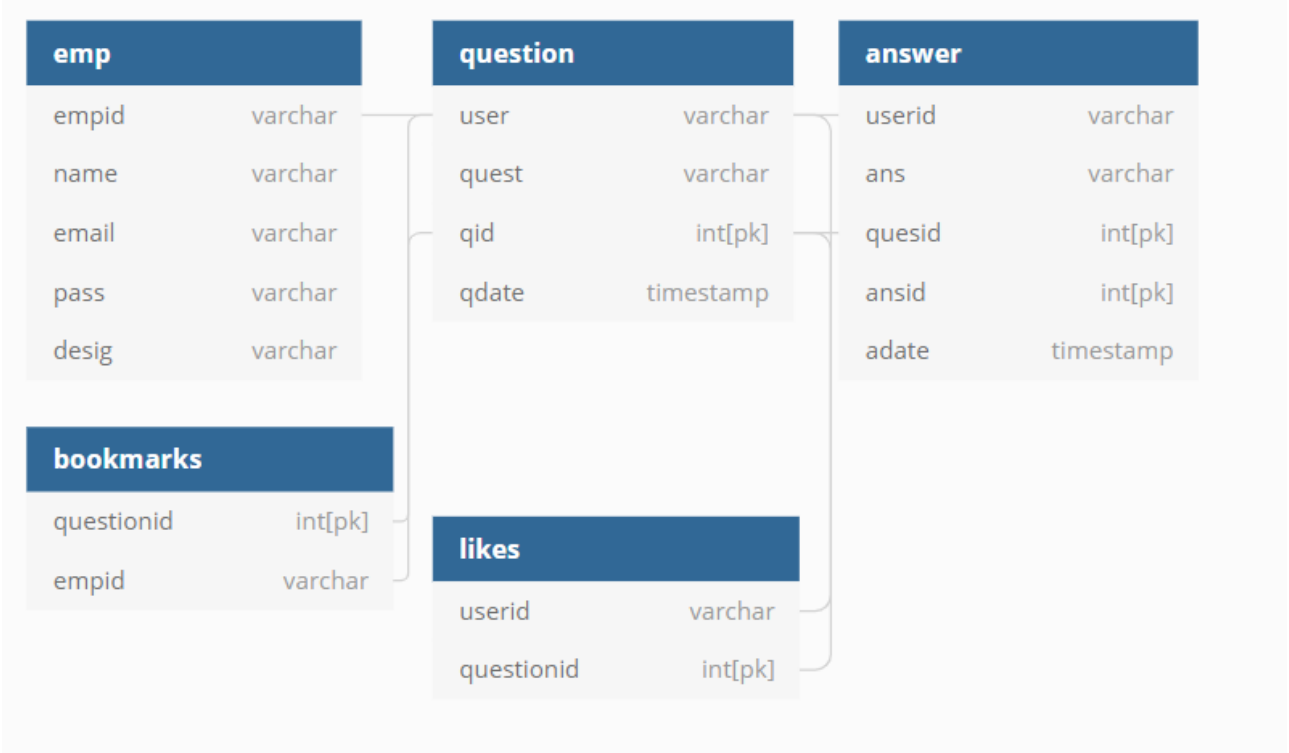
Show all | Number of rows: 25 Filter rows: Search this table

+ Options

userid	questionid
ganesh123	12
ganesh123	10
varsha123	12
varsha123	10
ven12	10
ven12	12
sid06	17
sid06	10
ven12	17
mani123	14
mani123	12
sid06	22

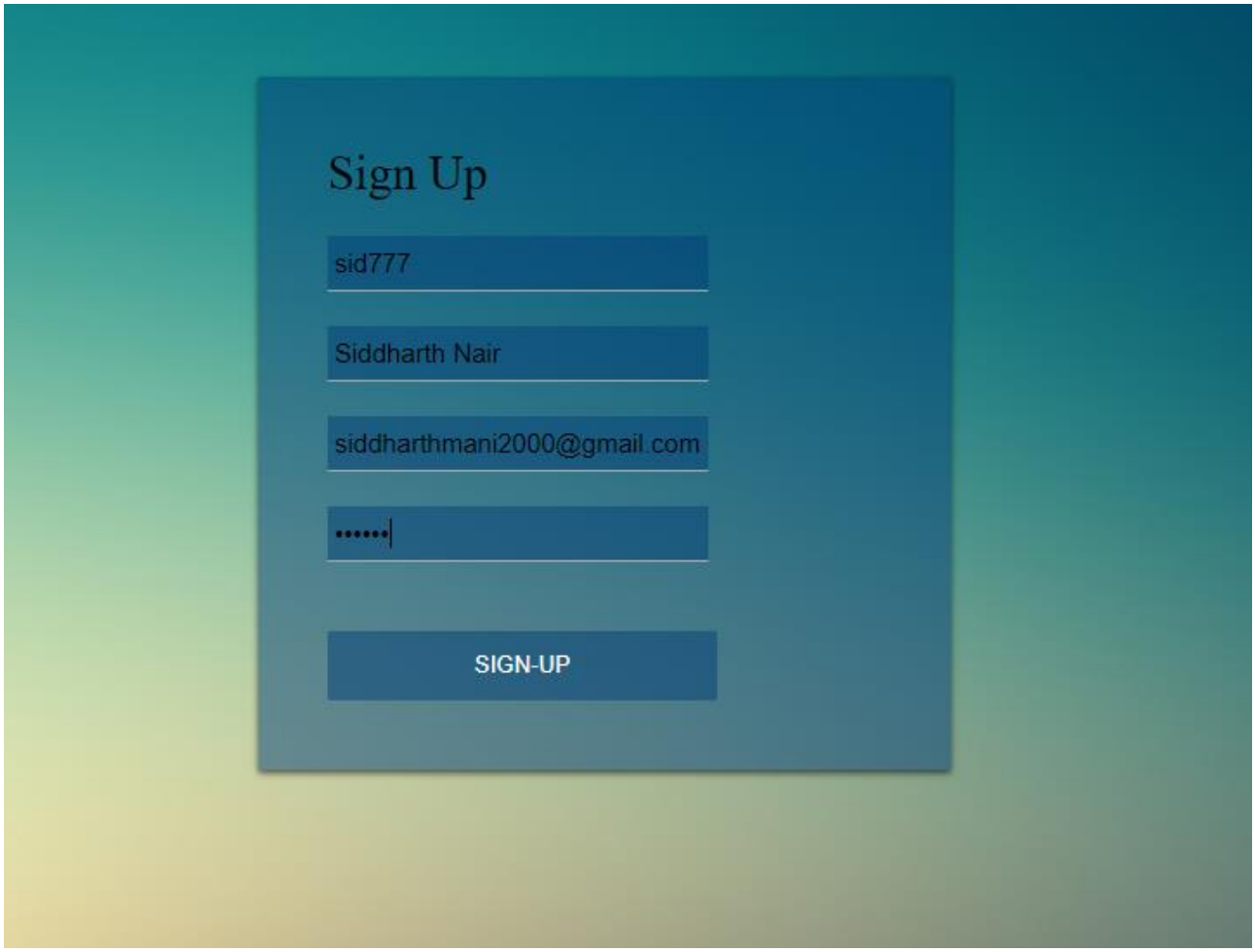
Show all | Number of rows: 25 Filter rows: Search this table

The table ‘likes’ consists of the employee id and the question id of the question which is to be liked or unliked. The primary key is employee id.



TEST CASES

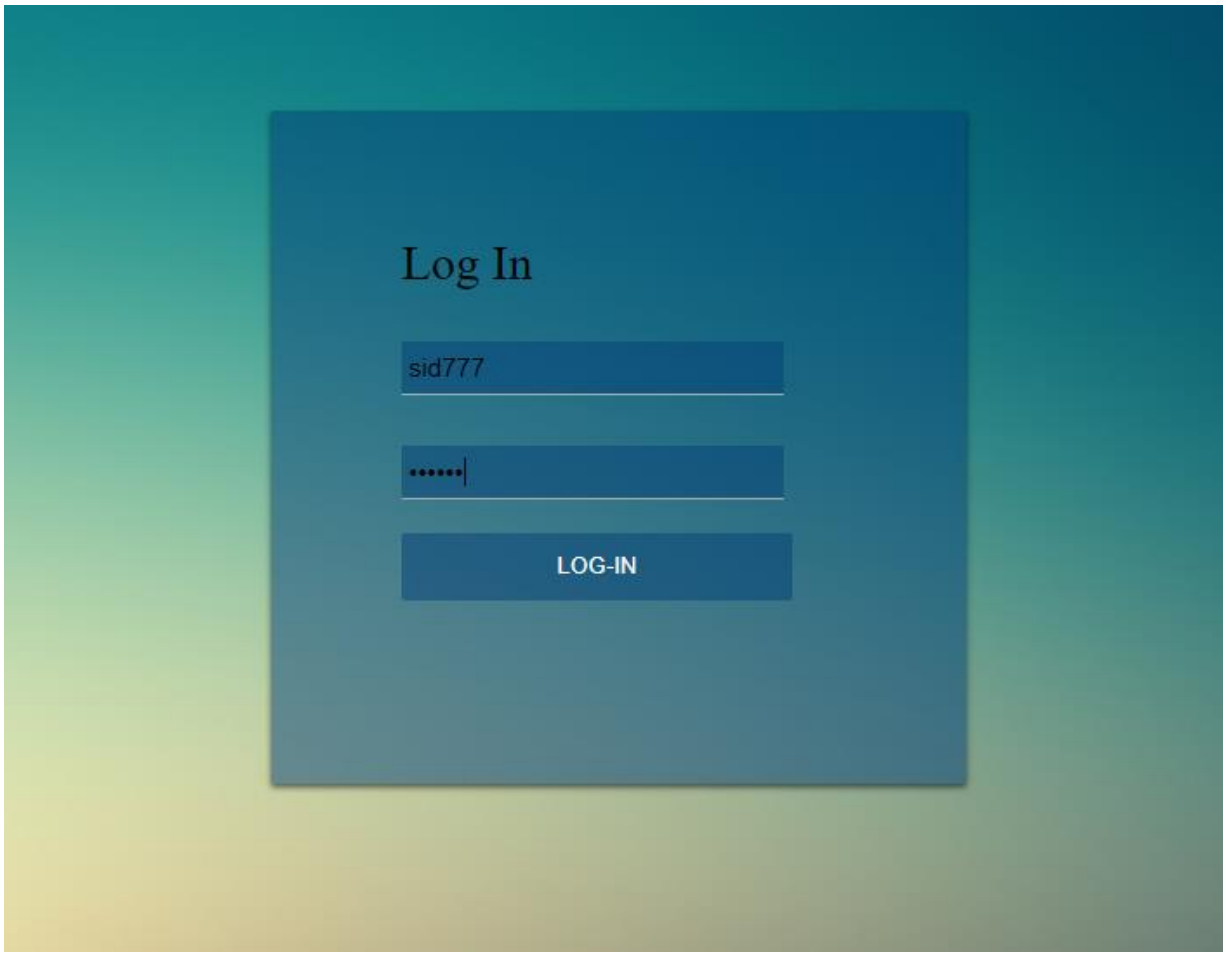
1.EMPLOYEE SIGN UP



DATABASE ON SIGN UP

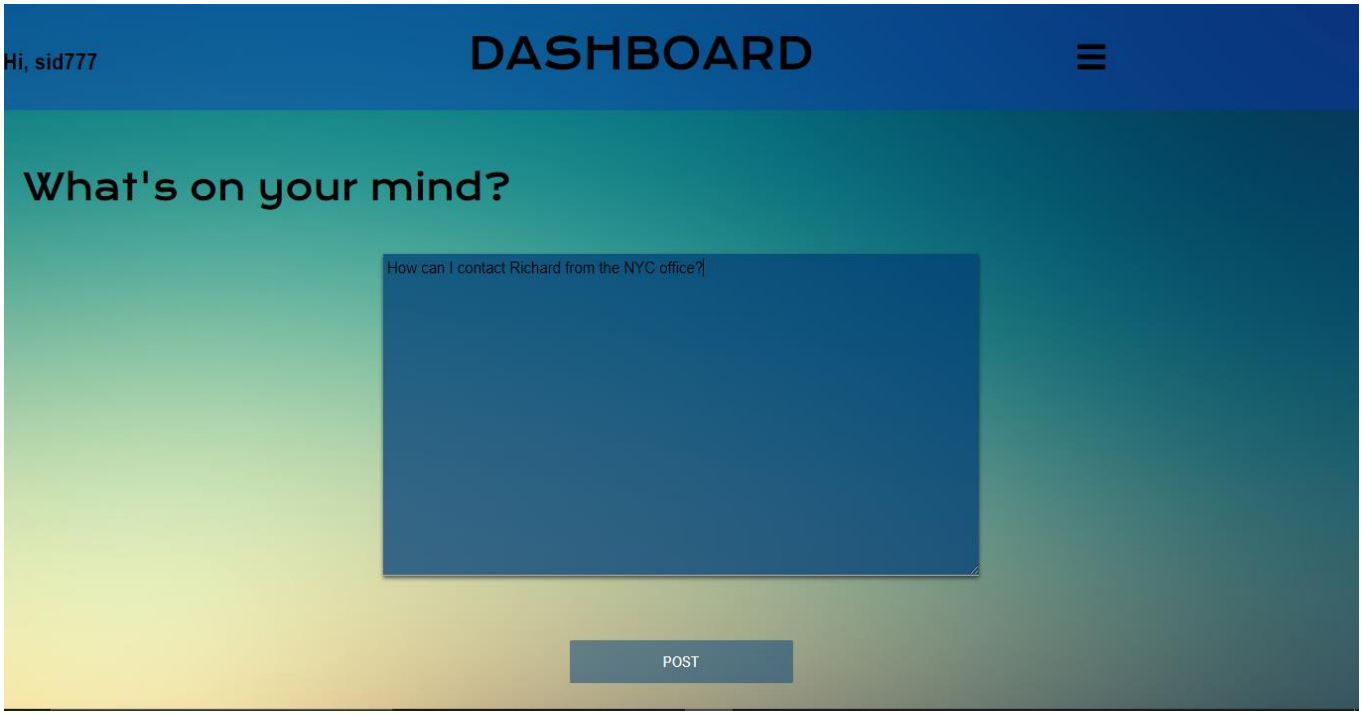
	empid	name	email	pass	desig
Edit Copy Delete	ganesh123	Ganesh	ckmganesh2000@gmail.com	ganesh123	Software Engineer
Edit Copy Delete	mani123	Mani	maninayar@gmail.com	mani123	Software Engineer
Edit Copy Delete	prash123	Prashanth	prashanth@gmail.com	prash123	Software Engineer
Edit Copy Delete	sid06	Siddharth	siddharthmani2000@gmail.com	sid06	CEO
Edit Copy Delete	sid777	Siddharth Nair	siddharthmani2000@gmail.com	sid777	Software Engineer

2.EMPLOYEE LOG IN

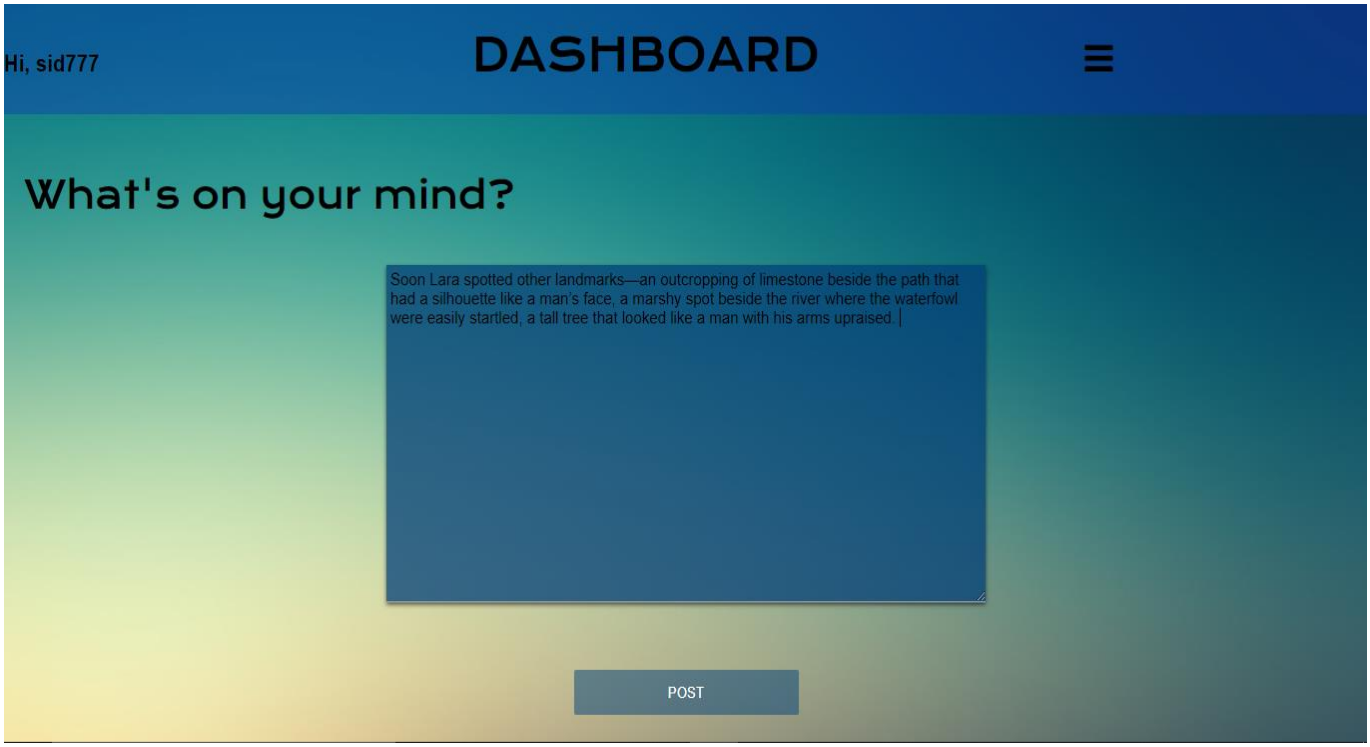


IN CASE OF INCORRECT CREDENTIALS

3.RAISE QUESTION PAGE



4.EXAMPLE OF QUESTION WITH OVERFLOWING AMOUNT OF TEXT



DATABASE ON POSTING QUESTION

	user	quest	qid	qdate
Edit Copy Delete	sid777	Soon Lara spotted other landmarks—an outcropping o...	24	2020-05-28 13:55:26
Edit Copy Delete	sid777	How can I contact Richard from the NYC office?	23	2020-05-28 13:50:18

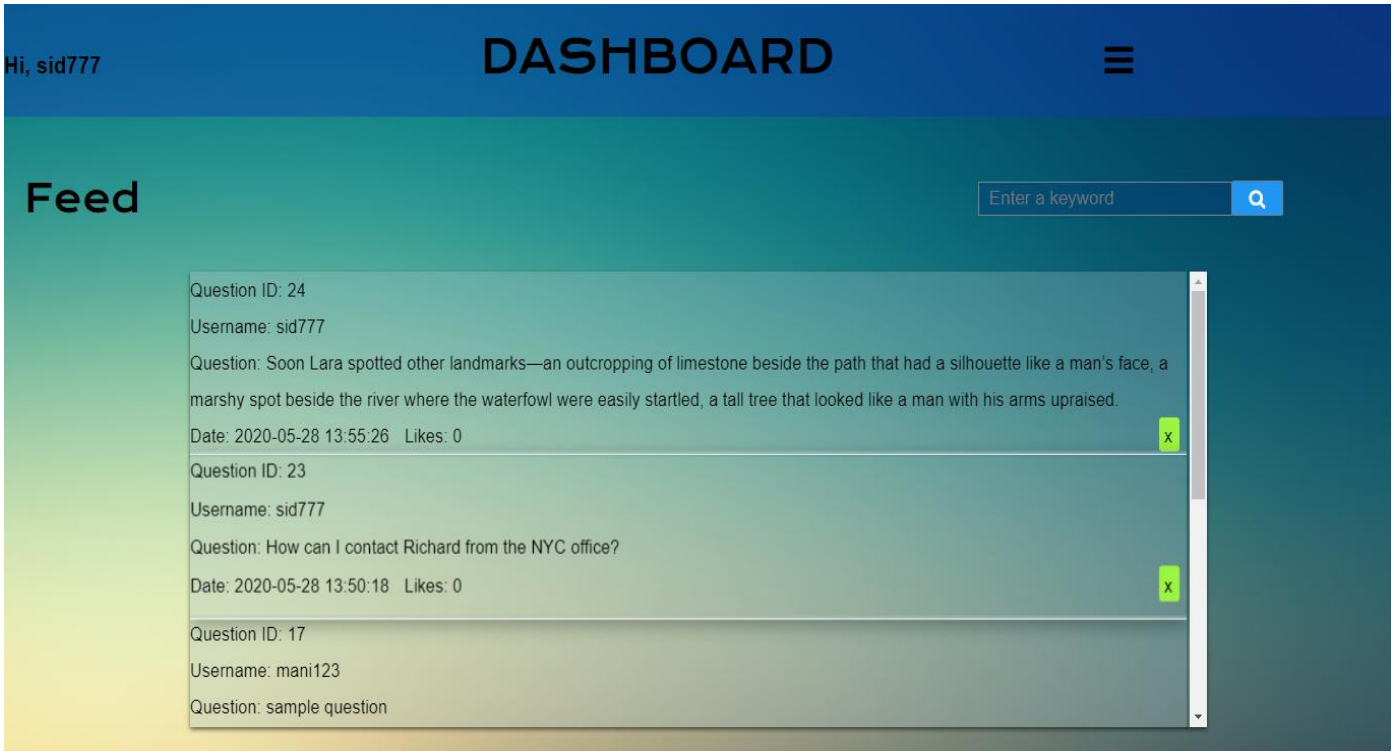
5.FEED PAGE

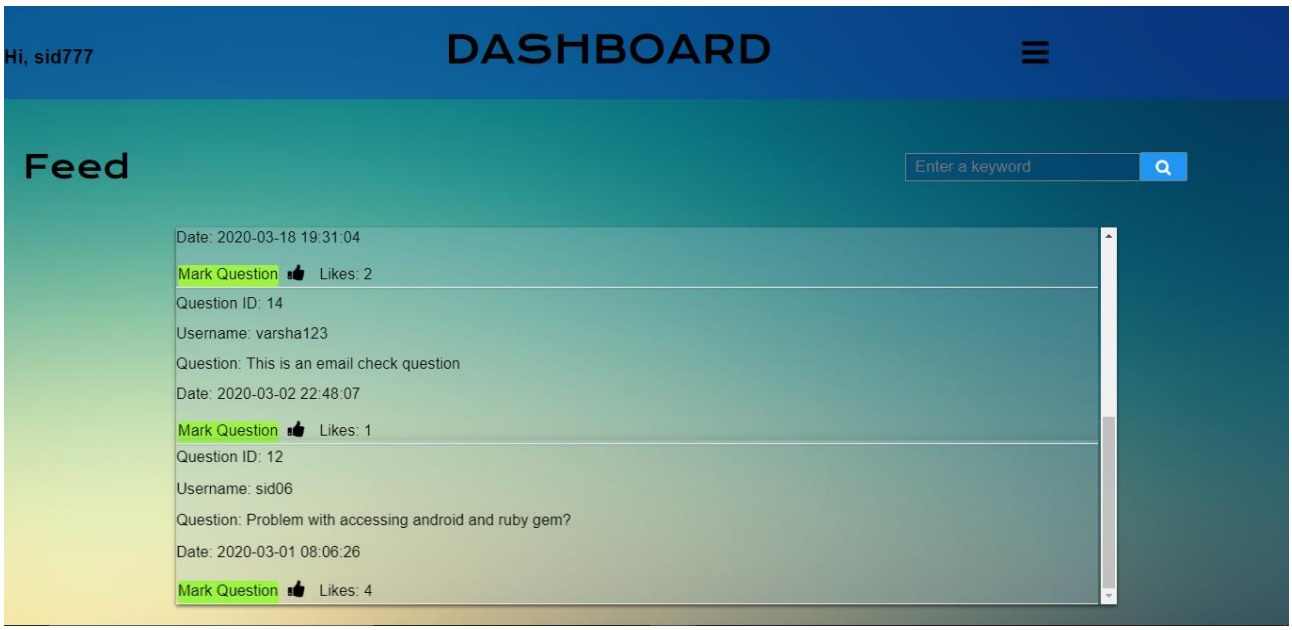
This page consists of all the questions raised by the employees ordered by most recently uploaded to least recently uploaded.

Employees can delete their own questions and/or like, unlike and mark questions from other employees. The total number of likes gained by each question is displayed alongside it.

Each question highlights on hover. The position of page scroll is kept in memory using local storage so that employees can resume from the same place on page reload.

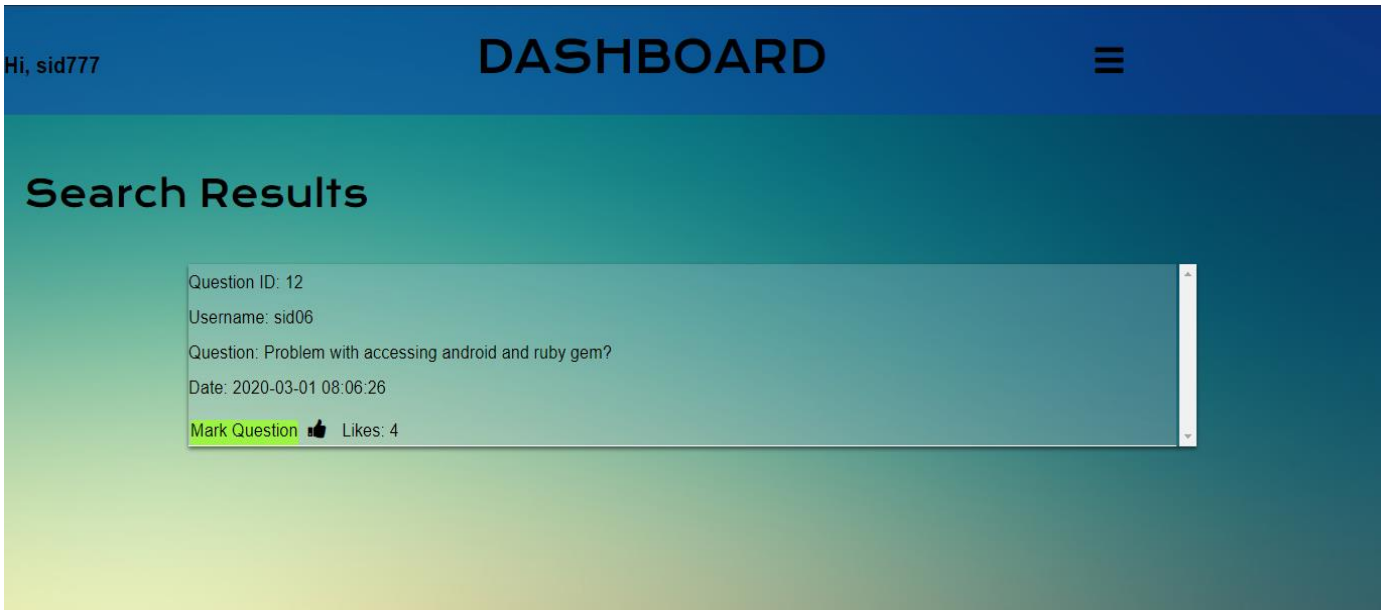
Overflowing questions break lines in the question block automatically



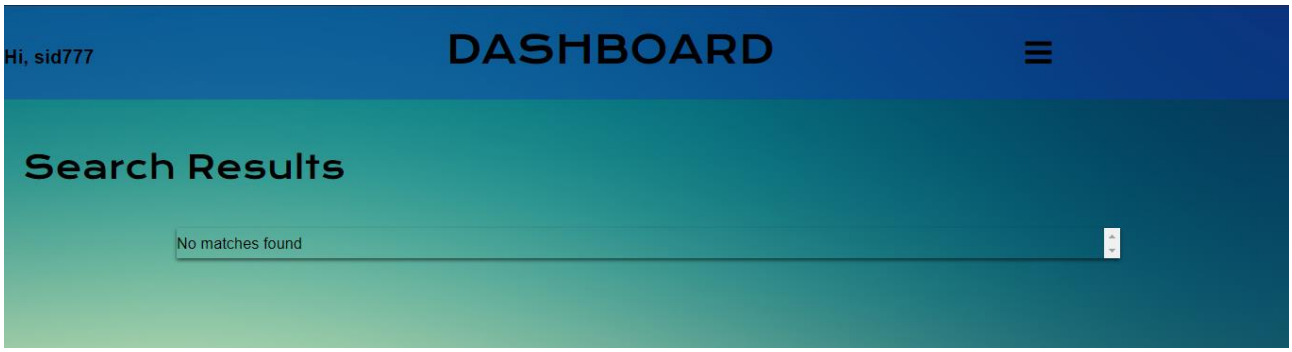


6.KEYWORD SEARCH FUNCTIONALITY

SEARCH RESULTS PAGE

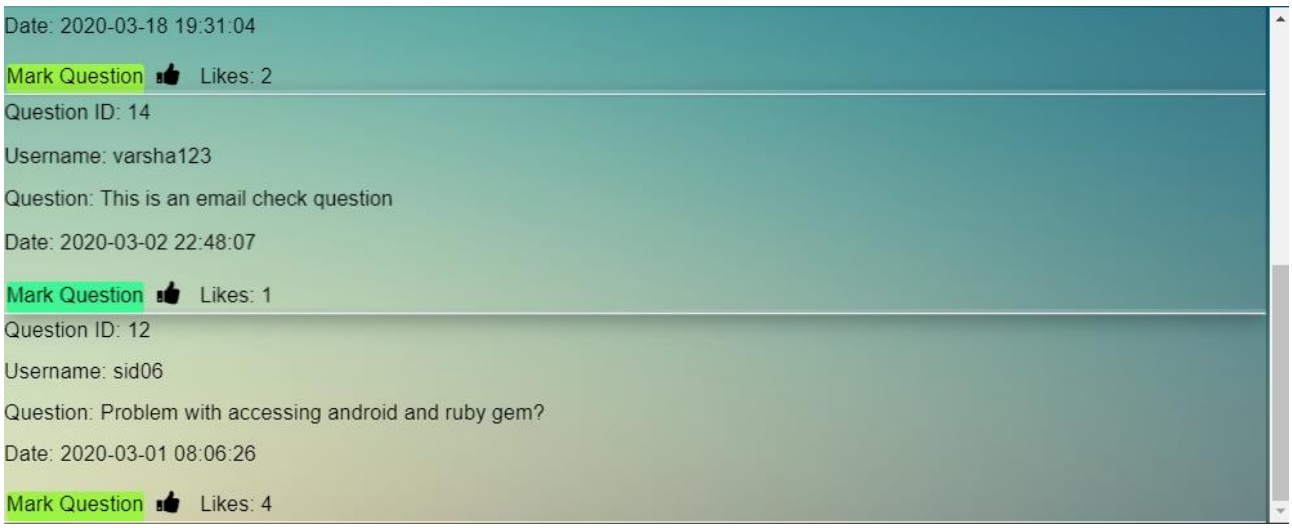


7.NO MATCH FOUND CASE



8.QUESTION BOOKMARK FUNCTIONALITY

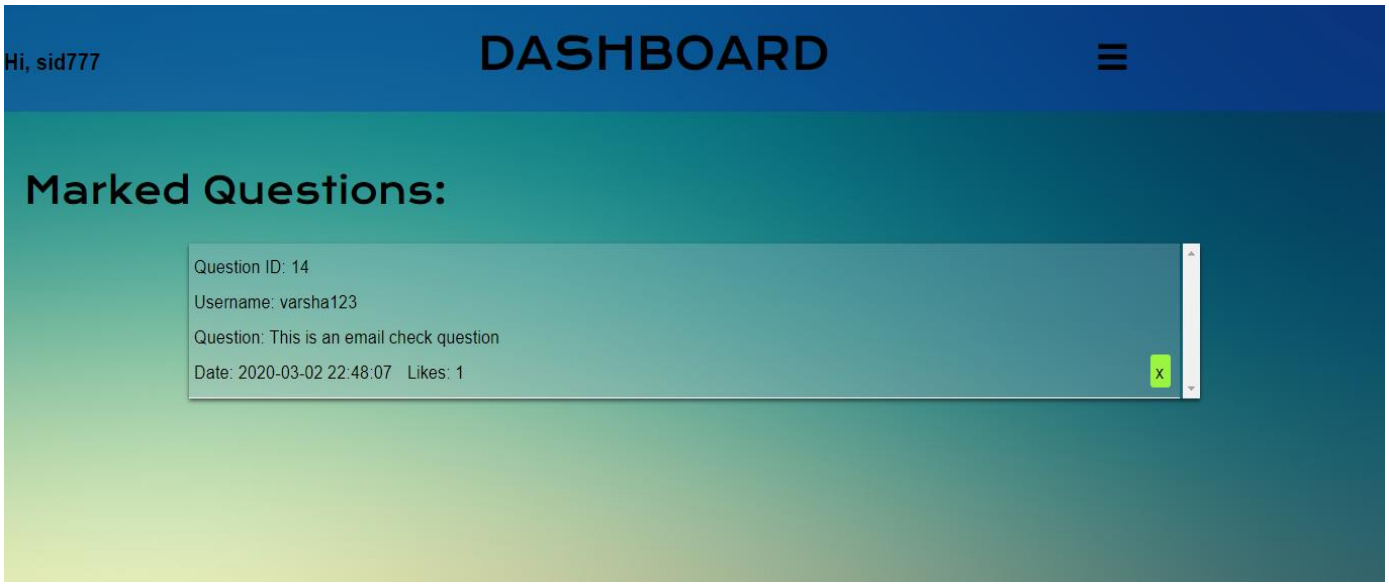
Clicking on the 'Mark Question' button in each question block bookmarks a question for future reference.



DATABSE ON MARKING QUESTION

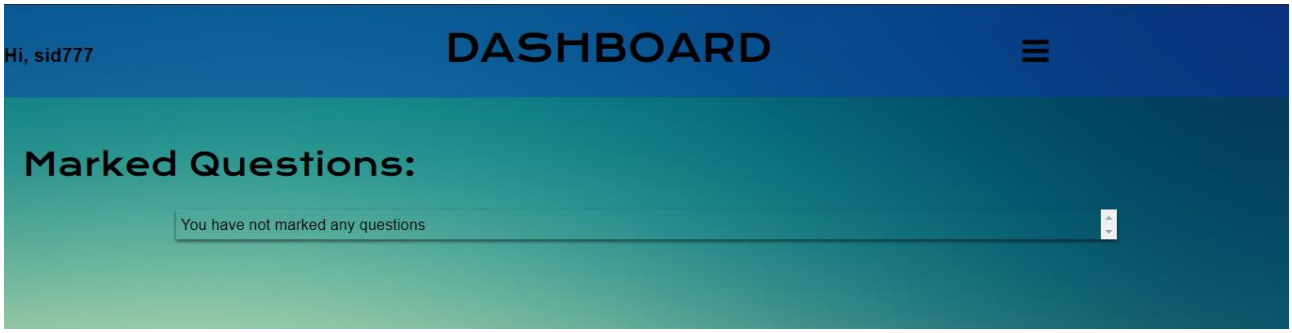
		empid	qid
☐	Edit Copy Delete	sid06	14
☐	Edit Copy Delete	sid06	17
☐	Edit Copy Delete	sid777	14

9.BOOKMARKS PAGE



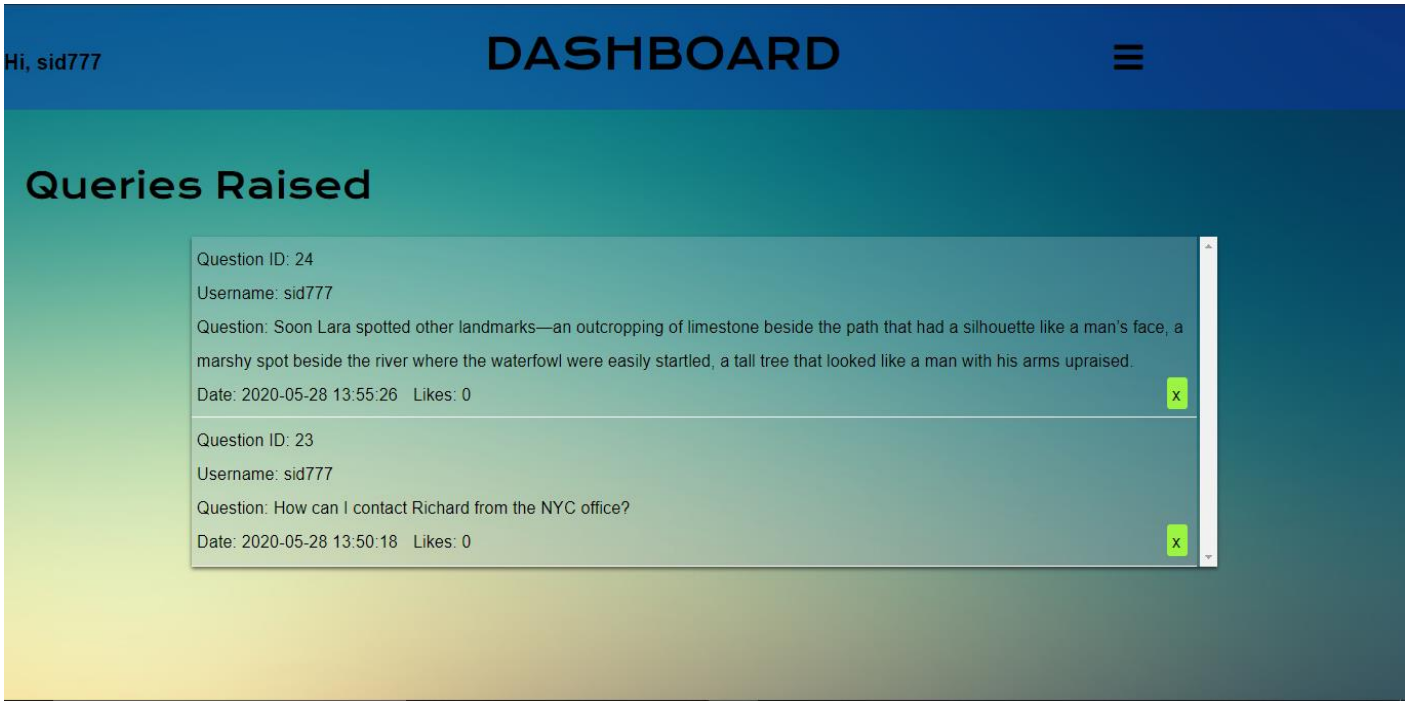
10.DELETING MARKED QUESTIONS

Clicking on the ’x’ button deletes marked questions



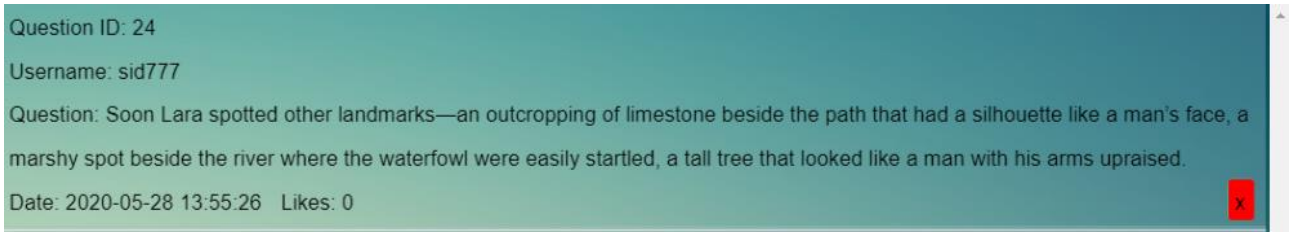
11.YOUR QUESTIONS PAGE

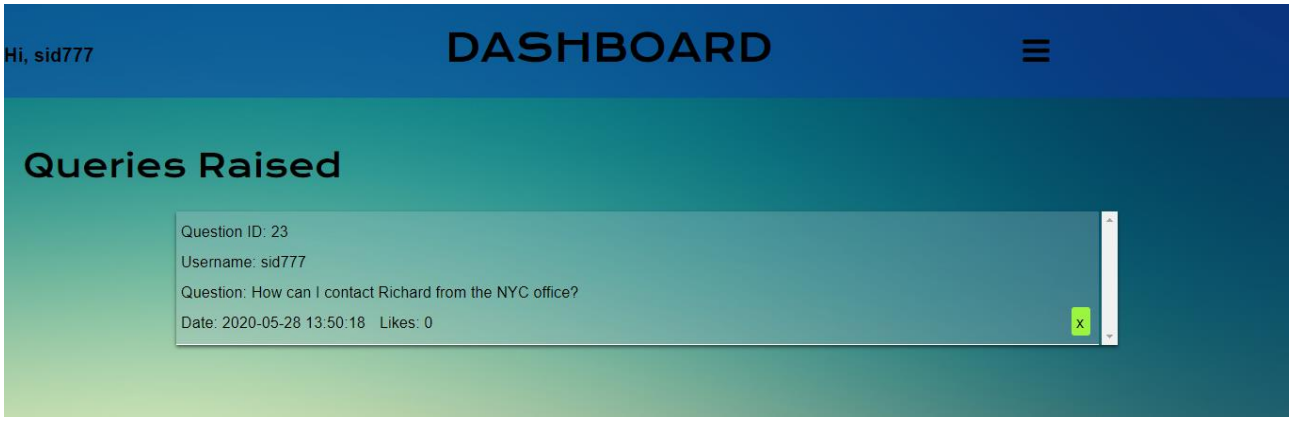
This page consists of all the questions raised by the logged-in employee



12.DELETING YOUR QUESTIONS

Questions you have raised can be deleted either from 'Feed Page' or 'Your Questions' page by clicking on the 'x' button on the question block.

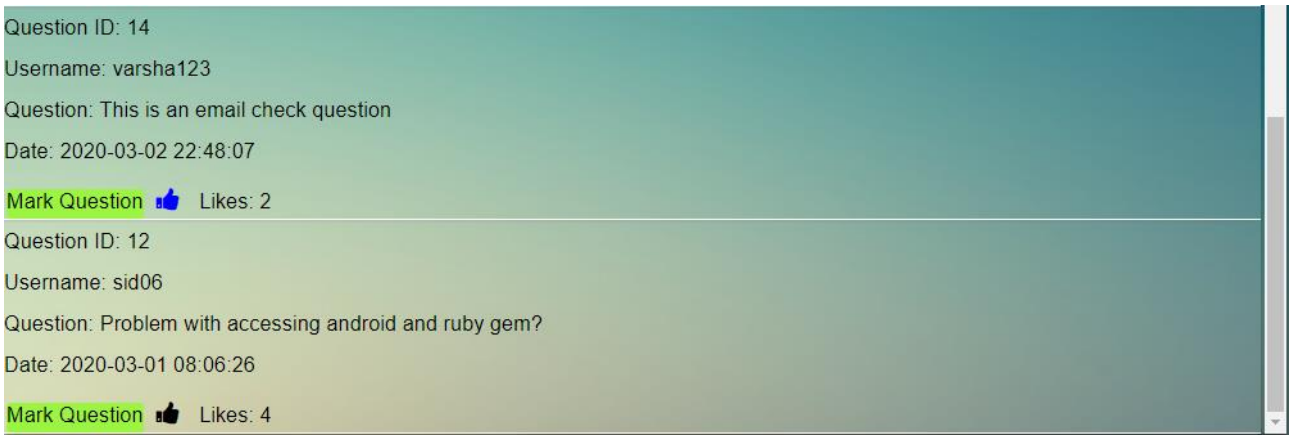


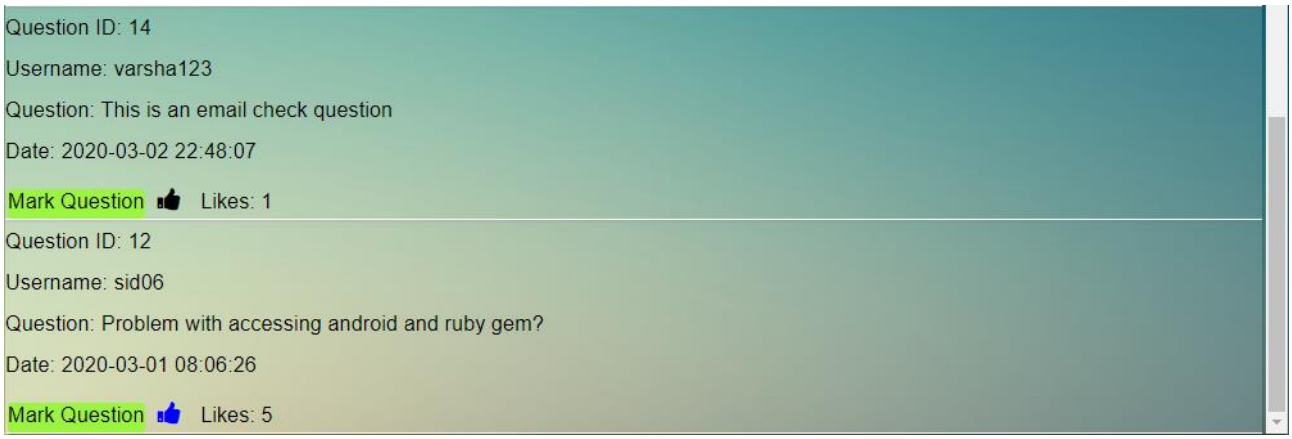


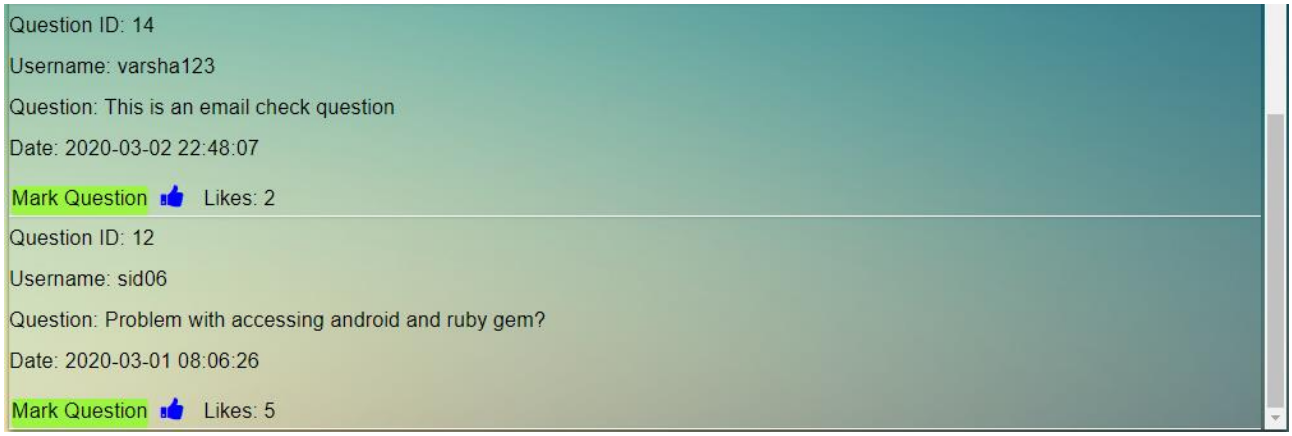
13.LIKES FUNCTIONALITY

You can upvote a colleague's question by clicking on the thumbs up icon. You can dislike an already liked question by clicking on the thumbs up icon once again. The downvote feature has been avoided to preserve office morale.

Number of likes gets updated immediately.





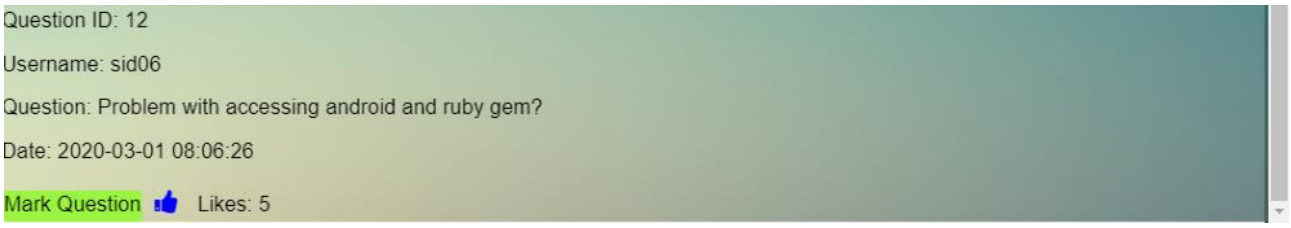


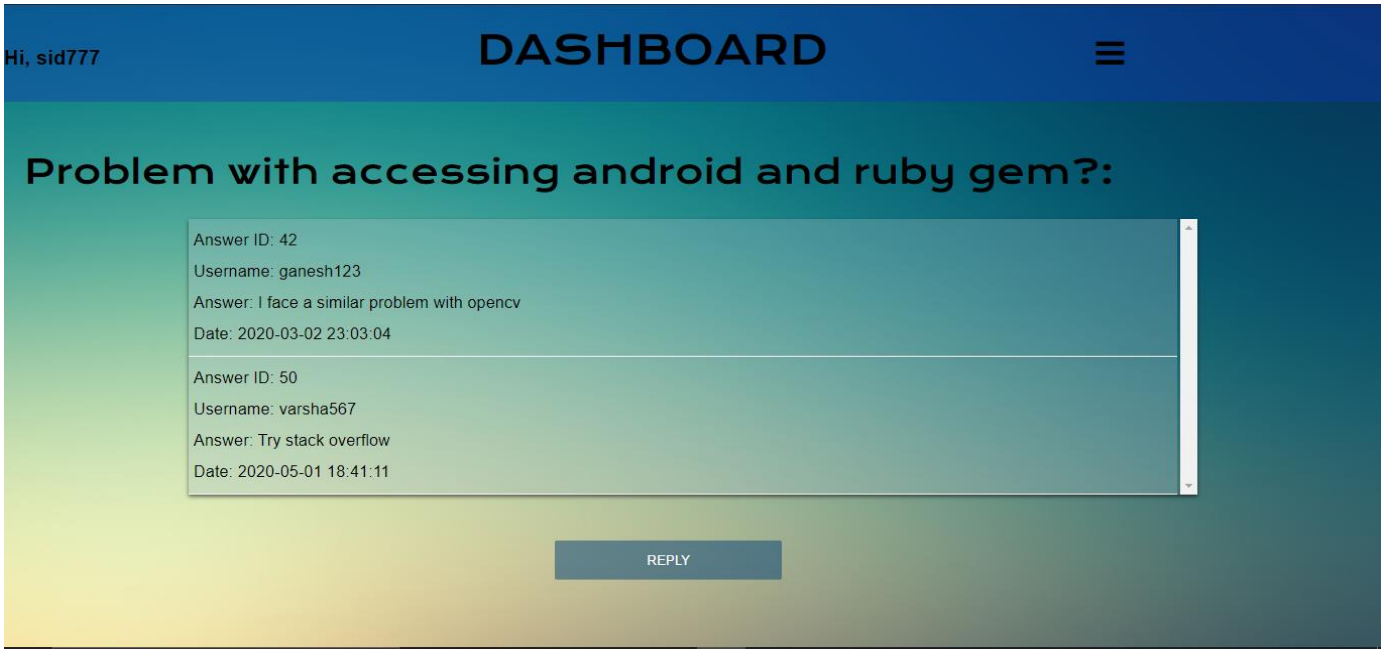
DATABASE ON LIKING QUESTIONS

userid	questionid
ganesh123	12
ganesh123	10
varsha123	12
varsha123	10
ven12	10
ven12	12
sid06	17
sid06	10
ven12	17
mani123	14
mani123	12
sid06	22
sid777	12
sid777	14

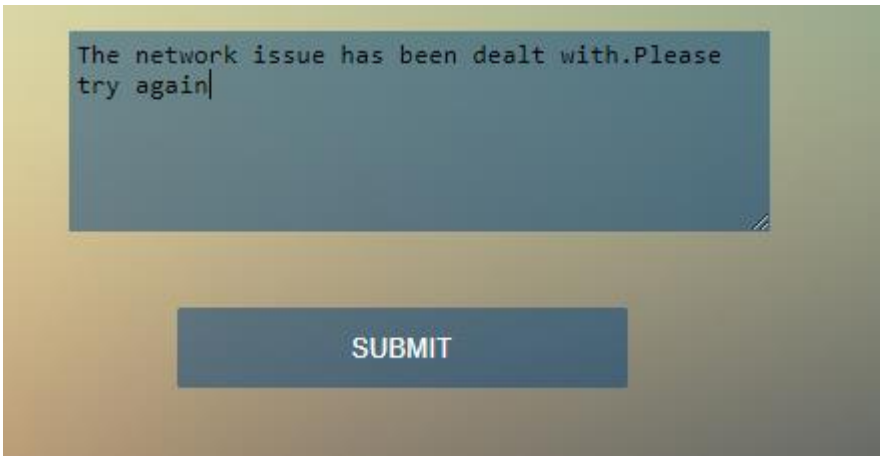
14.ANSWERS PAGE

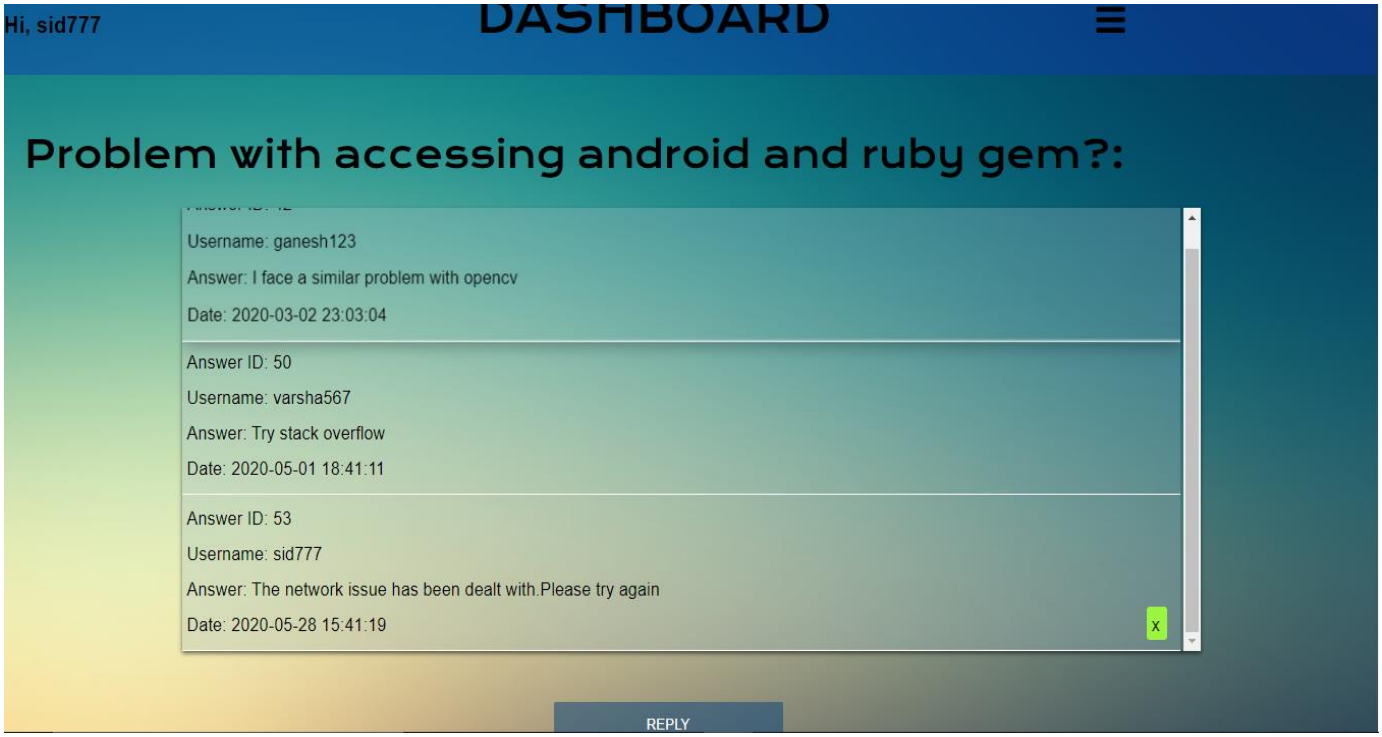
This page consists of all the responses to a raised question. Clicking any question's block will redirect you to the answers page. You can also enter a new response.





15.ADDING A NEW RESPONSE



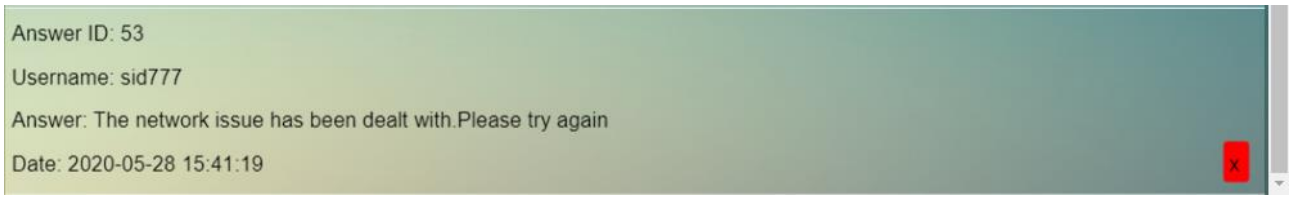


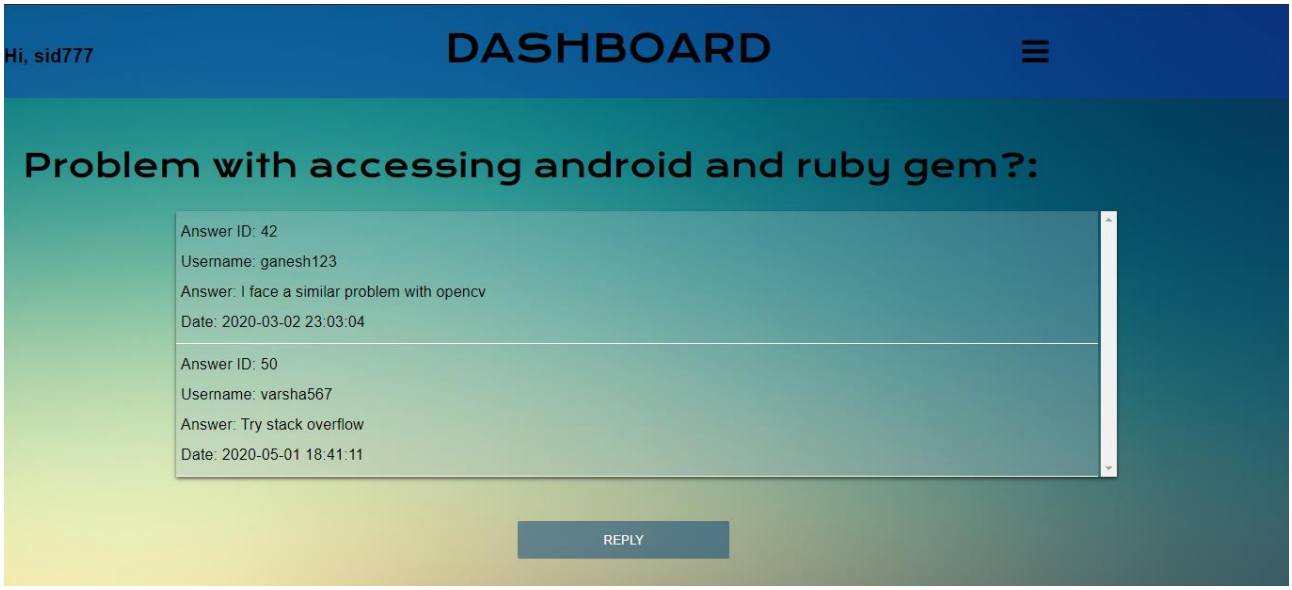
Similarly, responses to a question can be deleted by clicking the ‘x’ button

DATABASE ON ADDING RESPONSE

	ansid	quesid	ans	userid	adate
Edit Copy Delete	53	12	The network issue has been dealt with.Please try a...	sid777	2020-05-28 15:41:19
Edit Copy Delete	52	14	E-mail has been received	sid06	2020-05-28 12:33:19
Edit Copy Delete	50	12	Try stack overflow	varsha567	2020-05-01 18:41:11

16.DELETING RESPONSE





DATABASE ON DELETING RESPONSE

	ansid	quesid	ans	userid	adate
Edit Copy Delete	52	14	E-mail has been received	sid06	2020-05-28 12:33:19
Edit Copy Delete	50	12	Try stack overflow	varsha567	2020-05-01 18:41:11

17.E-MAIL NOTIFICATION:

The user raising a question receives an E-mail notification on receiving a response.

In this case, user sid777 responded to user sid06's question. So, a mail will be sent to sid06.

CONCLUSION

The aim of our project is to create an interactive domain for employees of a particular organization to connect. We have created a portal through which employees can share knowledge quickly, thereby creating faster fixes to common problems. This has a positive impact on an organization’s efficiency.

Using Internet and Web Programming techniques we have created a project which satisfies the major needs for the above criteria.

This project could be improved in the future using recommender systems based off recent searches and likes.

THANK YOU