

# **Online Polling Website**

## **Mini Project Report**

**By**

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# CERTIFICATE

This is to certify that Mr. \_\_\_\_\_ Roll No. \_\_\_\_  
Moodle Id. \_\_\_\_\_ Semester \_\_\_\_ has completed the  
mini project entitled "TITLE OF THE PROJECT" in the subject WEB  
DESIGN as laid down by University of Mumbai in satisfactory  
manner within the premises of Institute during the academic year  
20\_\_\_\_ - 20\_\_\_\_.

Date:

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**Subject-In-Charge/Guide**

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**Head of Department**

## **Acknowledgement**

I am highly indebted to Merlin Mam for his guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

I would like to express my gratitude member of our project for their kind co-operation and encouragement which help me in completion of this project.

I would like to express my special gratitude and thanks to industry persons for giving me such attention and time. My thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities.

## **Abstract**

The problem with today's polling system is that it is the involvement of malpractices and inconvenience. In case of malpractices, many people tend to modify or change the polls according to themselves. This problem can be solved if the polls are conducted online.

Importance of Online Polling is that it enabled people to contribute their choices with the world, and hence it enables us to know what is the opinion of general public with regards to certain topic. It can be anything like poll on games, sports , TV shows etc.

This problem can be solved using Online Polling, because nobody can modify the poll results or can see who has voted for which poll. People can login from anywhere in the world and vote for their favourite poll.

This Online Polling System, will help us to conduct various surveys on trending topics.

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# **Chapter**

## **1. Introduction**

Polling, is defined as voting to make decisions or determine opinions. There are several ways to express or gather opinions: surveys, voting's , discussion, comments, etc. Polling is one of them and it is a completely objective. User anonymity can be easily maintained if user wants to. This presentation aims to present our website's main purpose and how it can be useful.

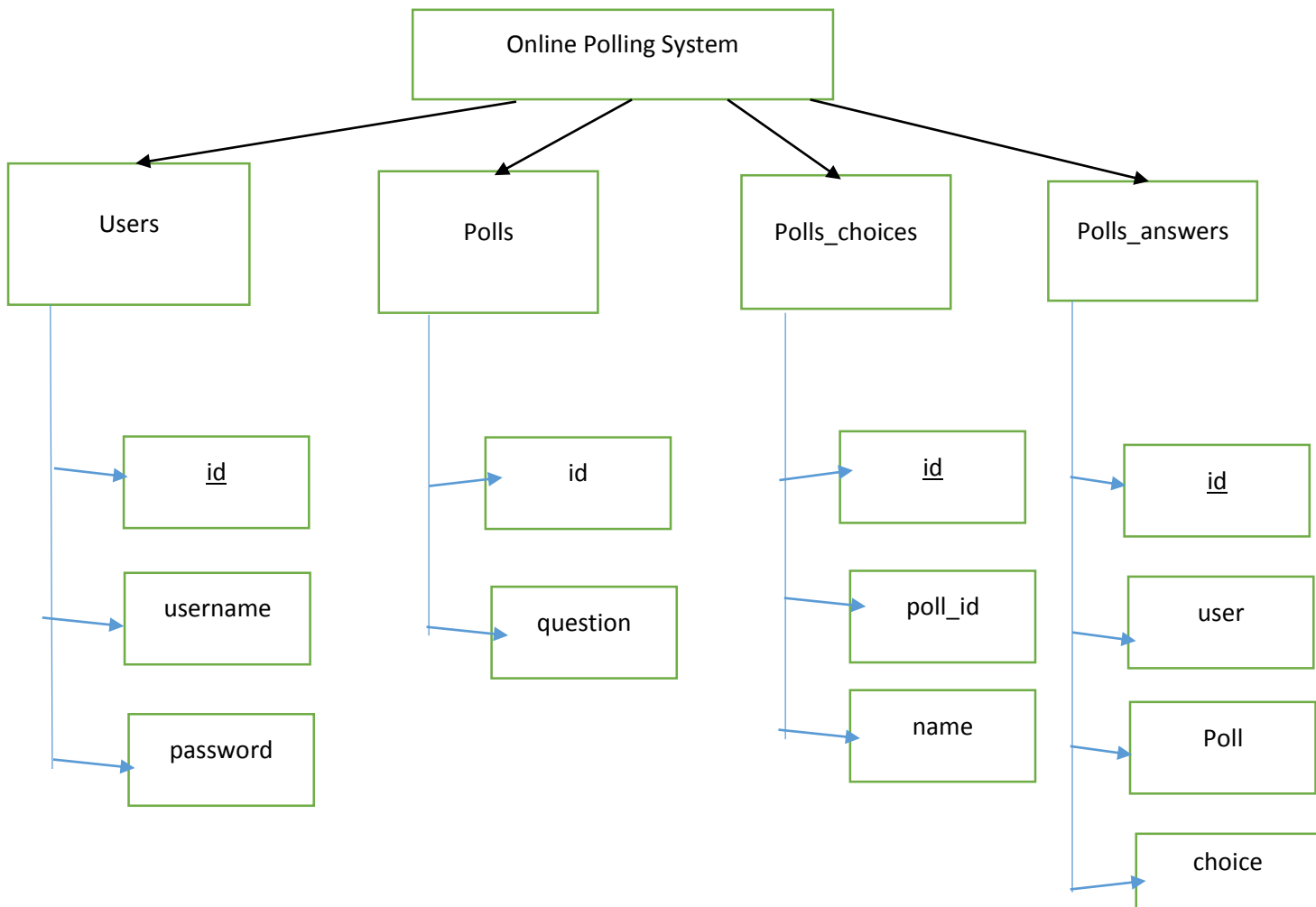
Importance of Online Polling is that it enabled people to contribute their choices with the world, and hence it enables us to know what is the opinion of general public with regards to certain topic. It can be anything like poll on games, sports , TV shows etc.

## **2.System Study**

### **a. Proposed System.**

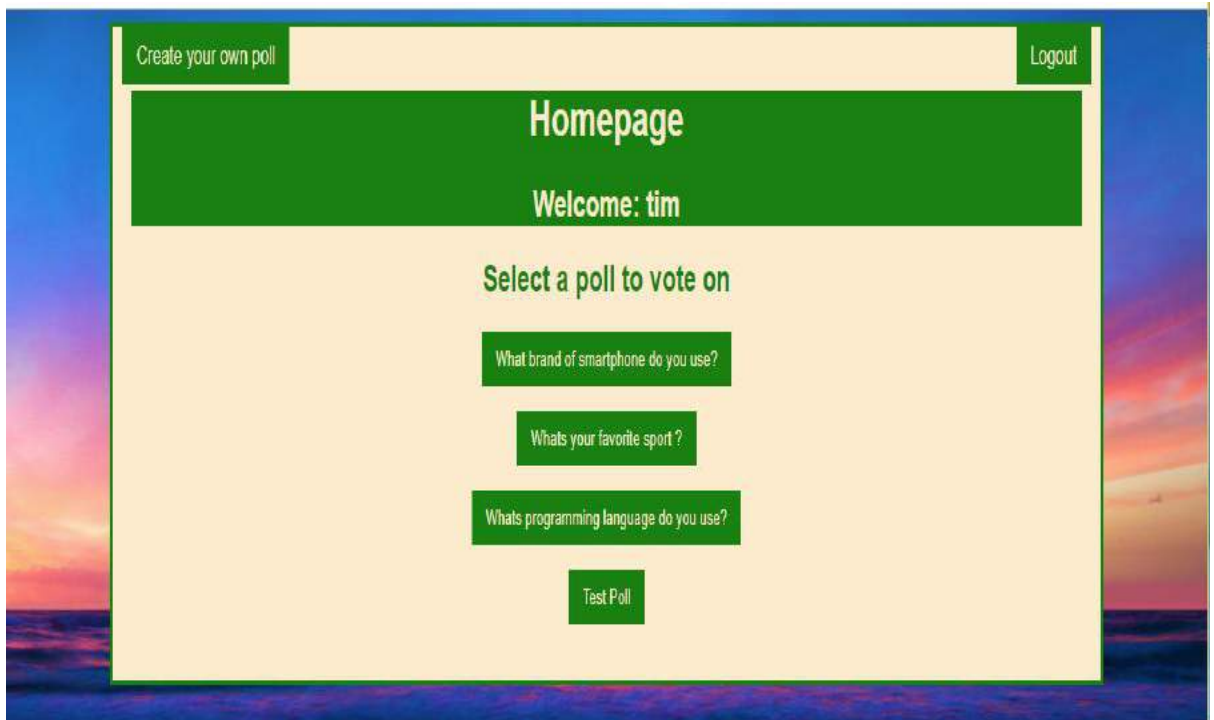
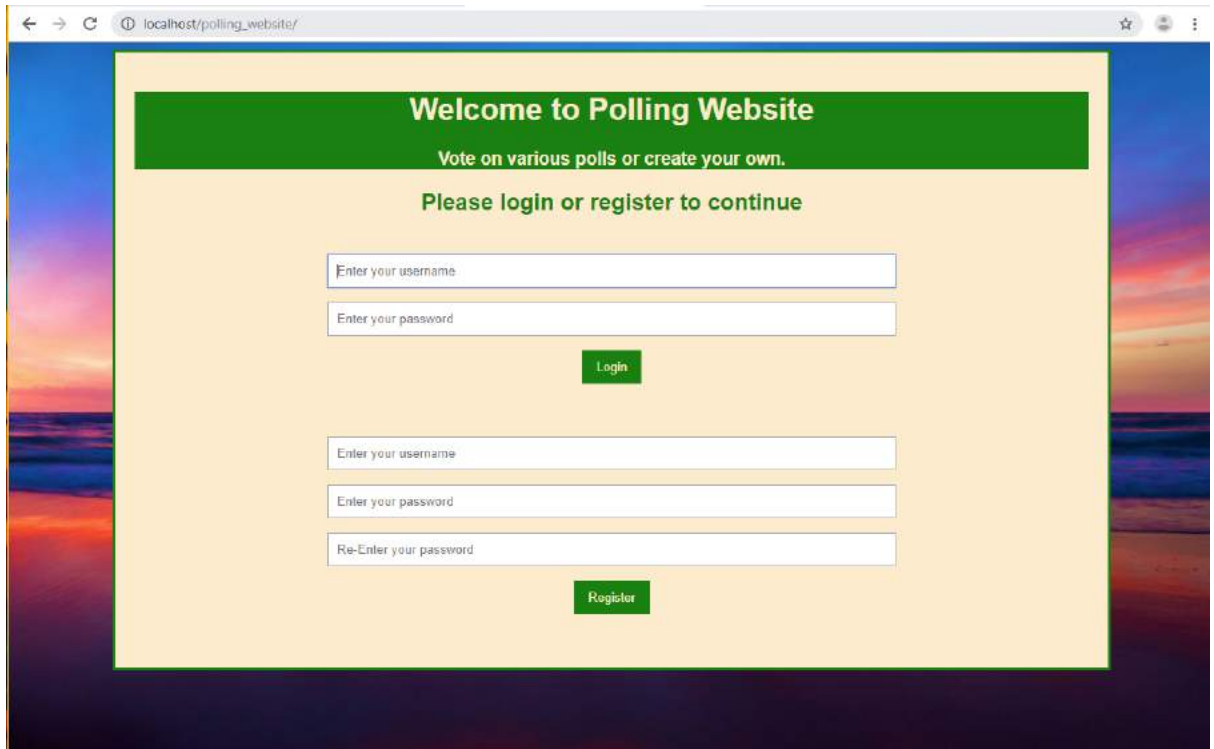
- The goal of the system is to provide a effective way to conduct polls.
- To encourage people to take part and express their opinions.
- To make sure that the polls are conducted in a fare and safe manner.

## b. Flow of the System



### 3.System Implementation.

#### a. Graphical User Interface (ScreenShots).



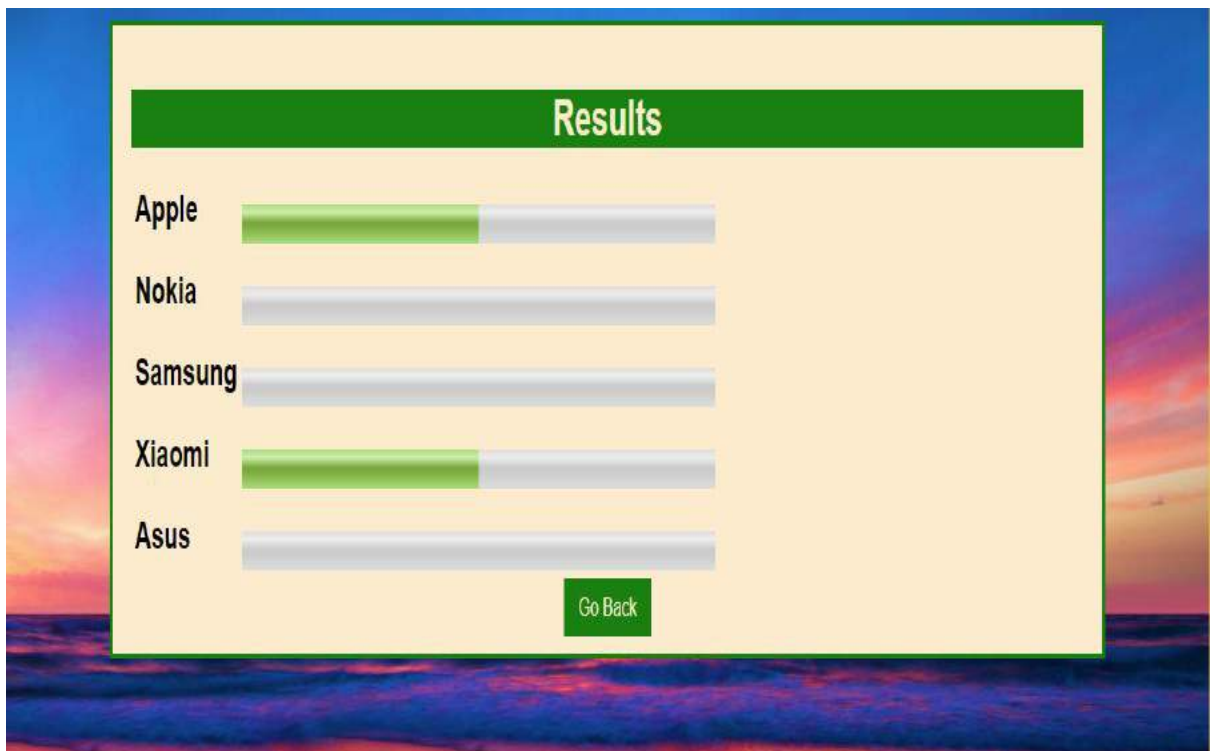


Go Back

### What brand of smartphone do you use?

- ☐ Apple
- ☐ Nokia
- ☐ Samsung
- ☐ Xiaomi
- ☐ Asus

Vote



## b. Code Snippets.

```
<?php

//creating a session
session_start();

//creating database
$db = new PDO("mysql:host=localhost", "root", "");
$sql = "CREATE DATABASE IF NOT EXISTS poll";
$db->exec($sql);
$db = new PDO("mysql:host=localhost;dbname=poll","root","");

//creating tables
$sql = "CREATE TABLE IF NOT EXISTS users( ...
$db->exec($sql);

$sql1 = "CREATE TABLE IF NOT EXISTS polls( ...
$db->exec($sql1);

$sql2 = "CREATE TABLE IF NOT EXISTS polls_choices( ...
$db->exec($sql2);

$sql3 = "CREATE TABLE IF NOT EXISTS polls_answers( ...
$db->exec($sql3);

?>
```

```
</head>
<body>
  <div class="content">
    <div class="header">
      <h1>Welcome to Polling Website</h1>
      <h3>Vote on various polls or create your own.</h3>
    </div>

    <h2>Please login or register to continue</h2>
    <div class="myform">
      <form action="login.php" method="post">
        <div class="form-group"><input type="text" placeholder="Enter your username" name="username" required></div>
        <div class="form-group"><input type="password" placeholder="Enter your password" name="password" required></div>
        <div class="form-group"><button class="button" type="submit">Login</button></div>
      </form>
    </div>

    <div class="myform">
      <form onsubmit="return validation()" name="f" action="register.php" method="post">
        <div class="form-group"><input type="text" placeholder="Enter your username" name="username" required></div>
        <div class="form-group"><input type="password" placeholder="Enter your password" name="password" required></div>
        <div class="form-group"><input type="password" placeholder="Re-Enter your password" name="rpassword" required></div>
        <div class="form-group"><button class="button" type="submit">Register</button></div>
      </form>
    </div>
  </div>
</body>
</html>
```

```

<?php

    require_once 'config.php';

    //importing variables from form
    $u=$_POST['username'];
    $p=$_POST['password'];

    //checking user credentials in db
    $no=$db->query("SELECT username FROM users WHERE username='$u' AND password='$p'");
    $count=$no->rowCount();
    if($count>0)
    {
        $_SESSION['username']=$u;
        header("Location:dashboard.php");
    }
    else
    {
        echo "<h2>Invalid username or password please try again</h2>";
        echo "<a class='button' href='index.html'>Go Back</a>";
    }
}
?>
</html>
</html>

```

```

<?php

    require_once 'config.php';

    $id=$_POST['poll'];

    //select poll
    $sql=$db->query("SELECT id,question FROM polls WHERE id=$id");
    $poll=$sql->fetchObject();

    //fetch choices of the poll
    $sql=$db->query("SELECT polls.id,polls_choices.id
    AS choice_id,polls_choices.name
    FROM polls
    JOIN polls_choices
    ON polls.id=polls_choices.poll
    WHERE polls.id=$id");

    while($row=$sql->fetchObject())
    {
        $choices[]=$row;
    }
}
?>

<html>
<head>
    <title>Welcome</title>
    <link rel="stylesheet" href="style.css">
    <script>
        function validate()
        {
            var choice=document.forms[0];
            var i;
            for(i=0;i<choice.length;i++)
            {
                if(choice[i].checked)
                {
                    return true;
                }
            }
            alert("Please select a choice");
            return false;
        }
    </script>
</head>
<body>
    <div class="content">
        <div class="logout"><a class="button" href='dashboard.php'>Go Back</a></div>
        <div class="header"><h1><?php echo $poll->question;?></h1></div>
        <form onsubmit="return validate()" class="myform" action="vote.php" method="post">
            <?php foreach($choices as $index => $choice):?>

```

```

<html>
<head>
  <title>Welcome</title>
  <link rel="stylesheet" href="style.css">
  <script>
    function validate()
    {
      var choice=document.forms[0];
      var i;
      for(i=0;i<choice.length;i++)
      {
        if(choice[i].checked)
        {
          return true;
        }
      }
      alert("Please select a choice");
      return false;
    }
  </script>
</head>
<body>
  <div class="content">
    <div class="logout"><a class="button" href='dashboard.php'>Go Back</a></div>
    <div class="header"><h1><?php echo $poll->question;?></h1></div>
    <form onsubmit="return validate()" class="myform" action="vote.php" method="post">
      <?php foreach($choices as $index => $choice):?>
        <div class="radiolist">
          <input type="radio" name="choice" value="<?php echo $choice->choice_id?>" id="c<?php echo $index;?>">
          <label for="c<?php echo $index;?>"><h2><?php echo $choice->name?></h2></label>
        </div>
      <?php endforeach;?>
      <button class="button" name="poll" type="submit" value="<?php echo $id;?>">Vote</button>
    </form>
  </div>
</body>
</html>

```

```

<html>
<head>
  <title>Create Poll</title>
  <link rel="stylesheet" href="style.css">
  <script src="jq.js"></script>
  <script>
    $(document).ready(function(e)
    {
      var html='<div><input type="text" name="c[]" id="c" required> <a href="#" id="remove">X</a></div>';

      $("#add").click(function(e)
      {
        $("#container").append(html);
      });

      $("#container").on('click', '#remove', function(e)
      {
        $(this).parent('div').remove();
      });
    });
  </script>
</head>
<body>
  <div class="content">
    <div class="header"><h1>Create your own poll</h1></div>
    <form class="myform" action="create.php" method="post">
      <div class="form-group"><h2>Enter your question here</h2></div>
      <div class="form-group"><textarea name="question" cols="30" rows="10" required></textarea></div>
      <div class="form-group"><h2>Enter your choices here</h2></div>
      <div class="form-group">
        <input type="text" name="ch1" required>
        <div id="container"><input type="text" name="c[]" id="c" required></div>
      </div>
      <div class="form-group"><a class="button" href="#" id="add">Add More Choices</a></div>
      <div class="form-group"><button class="button" type="submit" name="create">Create</button></div>
    </form>
    <a class="button" href='dashboard.php'>Go Back</a>
  </div>
</body>
</html>

```

```

<?php
    require_once 'config.php';

    if(isset($_POST['create']))
    {
        $q=$_POST['question'];
        $ch1=$_POST['ch1'];
        $ch2=$_POST['c'];

        $db->exec("INSERT INTO polls (question) VALUES ('$q')");
        $sql=$db->query(" SELECT id FROM polls WHERE question='$q' ");

        $poll=$sql->fetchObject();
        $id=$poll->id;

        $db->exec("INSERT INTO polls_choices (poll,name) VALUES ('$id','$ch1')");

        foreach($ch2 as $ch)
        {
            $db->exec("INSERT INTO polls_choices (poll,name) VALUES ('$id','$ch')");
        }

        echo "<div class='header'><h2>Poll Succesfully created</h2></div>";
        echo "<a class='button' href='dashboard.php'>Go Back</a>";
    }
}
?>
<html>
<head>
<title>Create</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="content"></div>
</body>
</html>

```

```

<?php
    require_once 'config.php';

    $id=$_POST['poll'];
    //select poll
    $sql=$db->query("SELECT id,question FROM polls WHERE id=$id");
    $poll=$sql->fetchObject();

    //fetch choices of the poll
    $sql=$db->query("SELECT polls.id,polls_choices.id
    AS choice_id,polls_choices.name
    FROM polls
    JOIN polls_choices
    ON polls.id=polls_choices.poll
    WHERE polls.id=$id");

    while($row=$sql->fetchObject())
    {
        $choices[]=$row;
    }
}
?>

<html>
<head>
    <title>Results</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="content">
        <div class="header"><h1>Results</h1></div>
        <table>
            <?php foreach($choices as $choice):?>
                <?php
                    $sql="SELECT id FROM polls_answers WHERE poll=$id";
                    $no=$db->query($sql);
                    $tot=$no->rowCount();
                    $sql="SELECT id FROM polls_answers WHERE poll=$id AND choice=$choice->choice_id";
                    $no=$db->query($sql);
                    $vot=$no->rowCount();
                    if($vot==0)
                    {
                        $vot=1;
                        $tot=0;
                    }
                ?>
                <tr>
                    <td><h2><?php echo $choice->name;?></h2></td>
                    <td><meter value="<?php echo ($vot/$tot); ?>"></meter></td>
                </tr>
            <?php endforeach:~>
        </table>
    </div>
</body>
</html>

```

# Database Schema

.Users :

<u>id</u>	username	password
-----------	----------	----------

Polls :

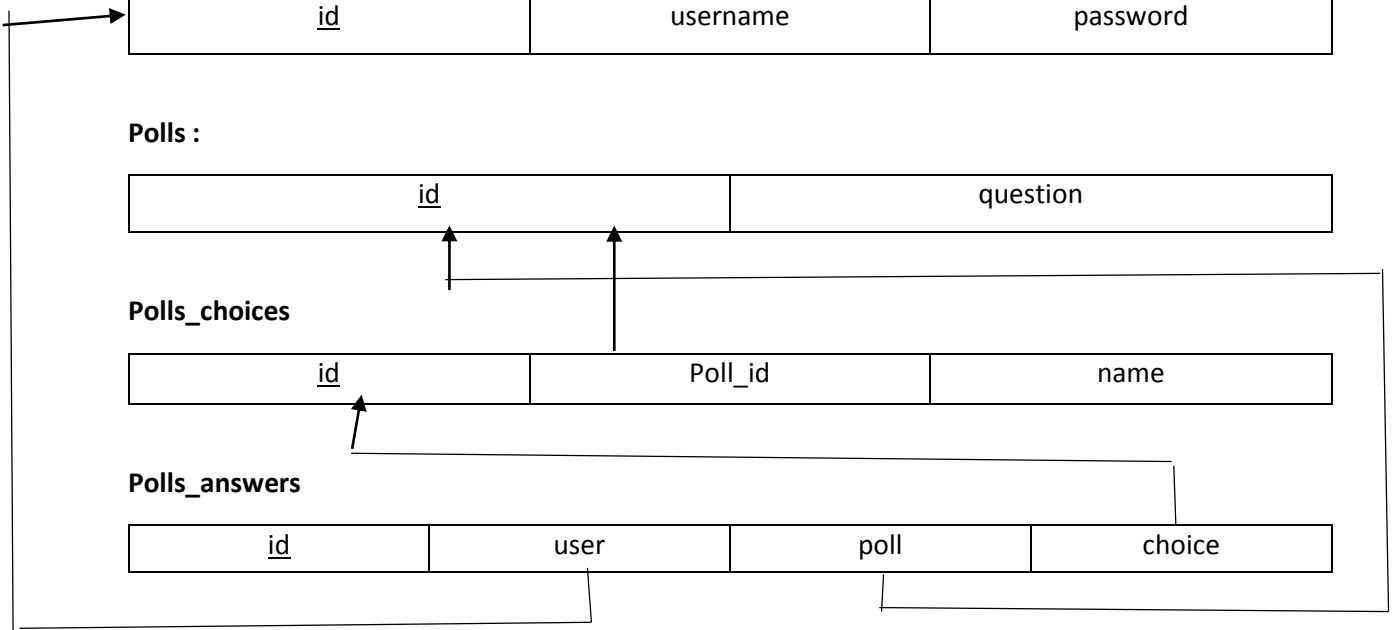
<u>id</u>	question
-----------	----------

Polls\_choices

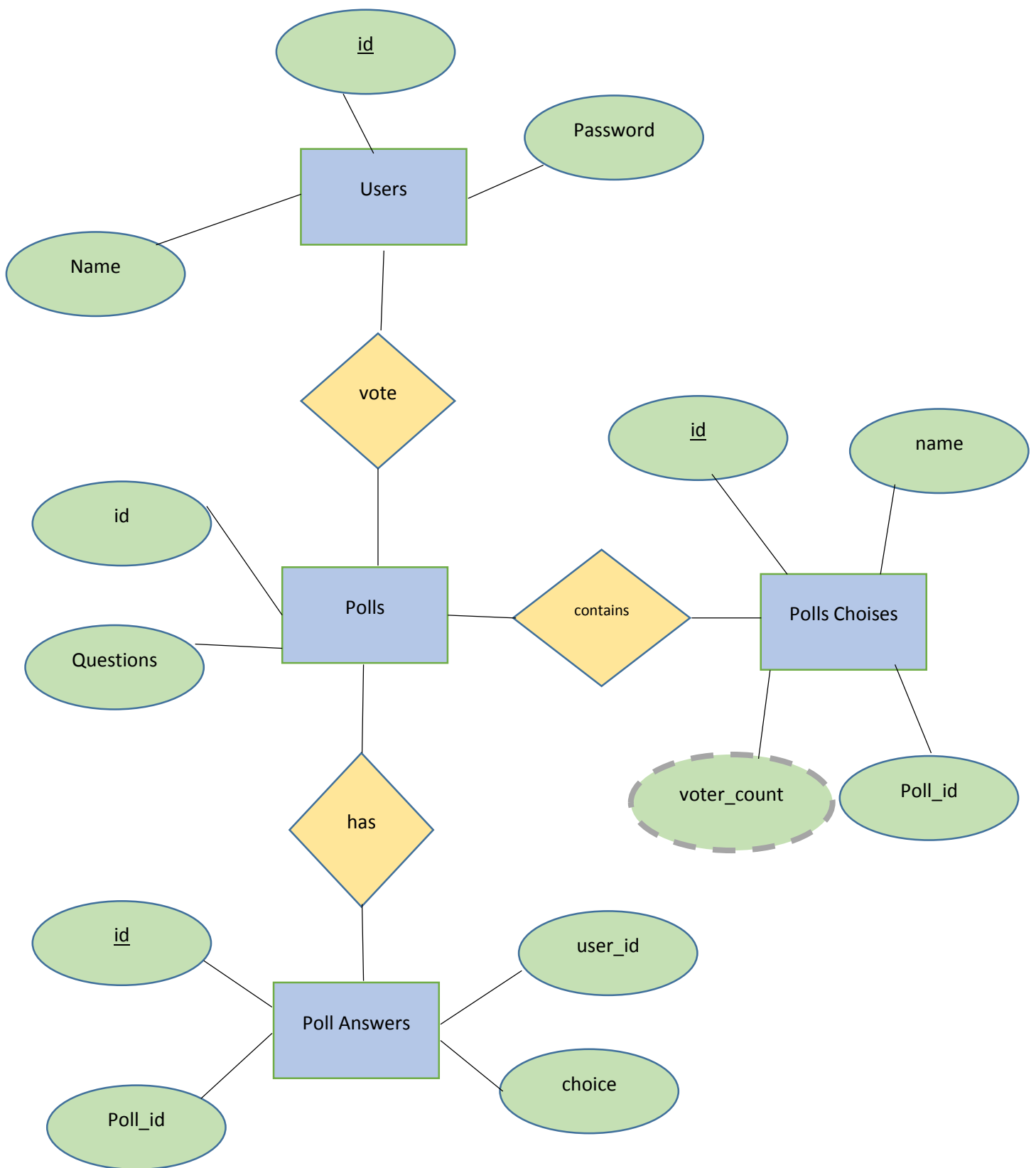
<u>id</u>	Poll_id	name
-----------	---------	------

Polls\_answers

<u>id</u>	user	poll	choice
-----------	------	------	--------



# E-R Diagram



## **Conclusion**

- **Online Polling System will help people contribute to various decision making.**
- **It will also help to understand the trend and give people opportunities to share their opinion.**
- **The biggest advantage of this is the convenience it offers. People can vote from anywhere irrespective of time and distance constraints.**
- **People will be able to see how his/her opinion or understanding differs from others.**



## References:

1. [https://en.wikipedia.org/wiki/Polling\\_system](https://en.wikipedia.org/wiki/Polling_system)
2. <https://whatis.techtarget.com/definition/polling>
3. <https://ieeexplore.ieee.org/document/61446>