

A PRELIMINARY REPORT ON

“Online Survey System”

SUBMITTED TO THE EDUBRIDGE INDIA PRIVATE LIMITED

SUBMITTED BY

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ACKNOWLEDGMENT

It gives all of us great pleasure in presenting the preliminary project report on “**Online Survey System**”. With due respect and gratitude we would like to take this opportunity to thank internal guide of our project Mrs.Amruta Deore for giving us all the help and guidance we needed. We are really grateful for his kind support. She has always encouraged us and given us the motivation to move ahead. She has put in a lot of time and effort in this project along with us and given us a lot of confidence. Also we wish to thank all the other people who have helped us in the successful completion of this project.

Miss. Kiruthika S

ABSTRACT

The proposed online Survey project is an implementation of Java programming language for creating survey and to take survey. This System is to conduct an online survey on different topics to the users. In this Java Application, the user can take part in various online survey polls. Admin in this application will add the polls regarding different questions and different topics. And the users can take the survey with the help of survey id and they can see how many users have taken the survey.

Chapter 1

INTRODUCTION

1.1 INTRODUCTION

Online Survey System Project is developed in Java programming language to facilitate online survey. The main aim of the project is to form a platform to collect the viewpoints of related people about a particular survey topic. It can also be implemented in any organizations or college for carrying out survey of any kind. This project helps in lots of fields for taking surveys about a topics what people thinking about or if they have an issues they can express through the surveys.

1.2 OBJECTIVE

The proposed Online Survey System is easy and comfortable to use. In this application, the answers of the participants are collected and organise in a database. The system is designed in such a way that it automatically adds the votes to each alternative and after the deadline of survey it displays the result. All the activities in the project are controlled by admin of the survey. The implementation of project avoids the programs such as meetings, conferences etc.to take any decision or research. With the help of this online system, one can easily forward his/her ideas and viewpoints to the officials.

SYSTEM REQUIREMENTS

1.3 SOFTWARE REQUIREMENT

Operating System - Windows

Platform - Eclipse IDE

Language - Core Java 8

Database - MS SQL server, MySQL

HARDWARE INTERFACE

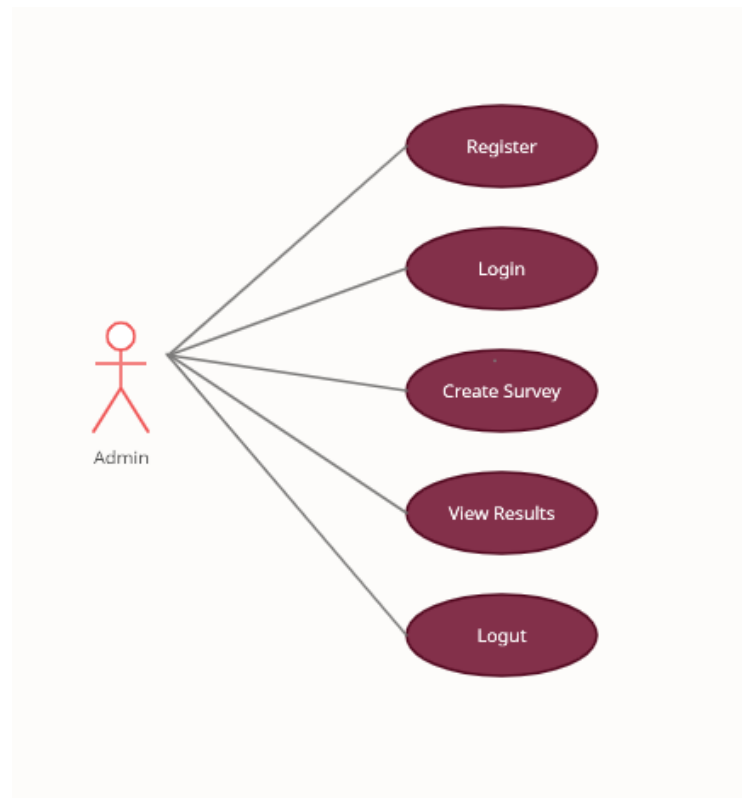
- SERVER-: Processor - Intel Core Family,
- RAM - 8 GB
- Disk Space - 500 MB or more

UML DIAGRAMS

1.4.1 Admin Use case Diagram

The following UML use case diagram shows the working of an Online Survey System. The use cases for the admin are; Register, Create Survey and finally Take Survey. The administrator needs to register for the survey then survey id will be created for that particular survey then admin should create the survey question and answers. Then admin can share the survey id to the people to whom they want to take the survey.

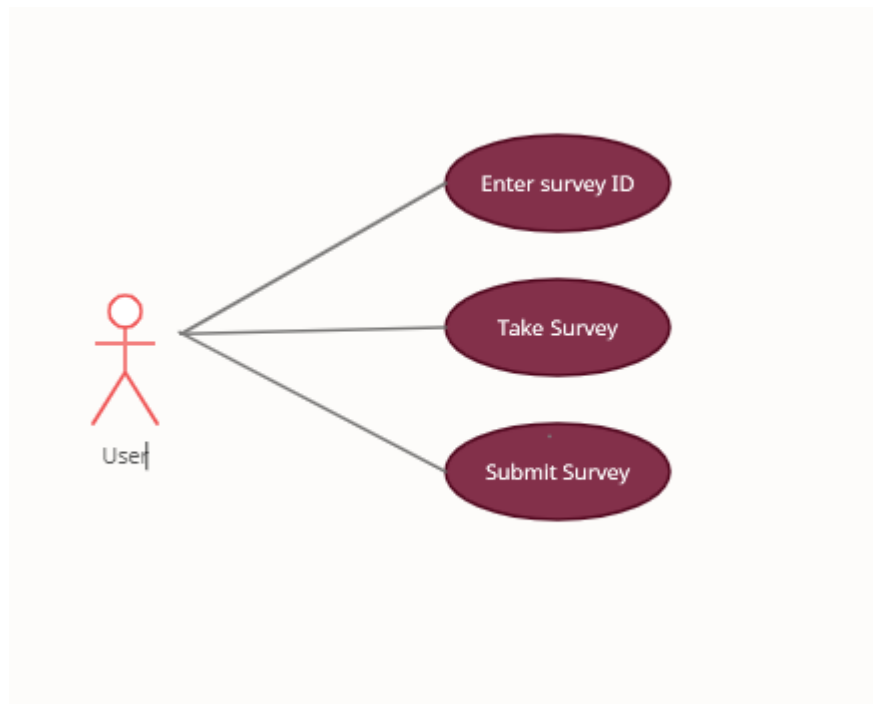
ADMIN Use Case Diagram



1.4.2 User Use case Diagram

The use cases for the Users are : Get the survey Id from the Admin, Take Survey and finally Submit Survey. Then after submitting the survey the user can see the total count of peoples who have already submitted the survey.

User Use Case Diagram



1.5 MODULE

1.5.1 Register Module

In Register module, It allows admin to register for creating the survey for a particular topic and then the survey id will be created automatically for the survey topic. Using that survey id we can access the survey questions.

```
String sql ="insert into logindb (surveyid, lusername, lpassword, surveyname)
values (?, ?, ?, ?)";
PreparedStatement preparedStatement = connection.prepareStatement(sql);
String randomId = "SID0";
for(int i=0; i<7;i++)
{
    randomId += randomCharacter();
}
preparedStatement.setString(1,randomId);
System.out.print("ENTER USERNAME :  ");
preparedStatement.setString(2,scanner.nextLine());
System.out.print("\nCREATE PASSWORD :  ");
preparedStatement.setString(3, scanner.nextLine());
System.out.print("\nENTER YOUR SURVEY NAME :  ");
String surveyName =scanner.nextLine();
preparedStatement.setString(4,surveyName);
System.out.println();
int rows = preparedStatement.executeUpdate();
```


1.5.2 Create Survey Module

This module will help the Admin to enter his/her questions and option for the question of the survey that will be stored into the database under the survey id. After completing, the admin can share his survey id to their employees or student or peoples whom they want to take a survey.

```
String sql = "CREATE TABLE "+surveyId+"(questionno INTEGER not NULL, " + " questions  
VARCHAR(255), " + " option1 VARCHAR(100), " + " option2 VARCHAR(100), " + " option3  
VARCHAR(100), " + " option4 VARCHAR(100), " + " option5 VARCHAR(100), " + " PRIMARY KEY (  
questionno ))";  
stmt.executeUpdate(sql);  
System.out.println("    CREATE YOUR SURVEY QUESTIONS        \n");  
System.out.print("How many question do you want to create : ");  
int noOfQuestions = Integer.parseInt(scanner.nextLine());  
for(int i=1;i<=noOfQuestions;i++){  
    String sql1 ="insert into "+surveyId.toLowerCase()+" (questionno, questions, option1,  
option2, option3, option4, option5) values (?, ?, ?, ?, ?, ?)";  
    PreparedStatement preparedStatement = conn.prepareStatement(sql1);  
    preparedStatement.setInt(1,i);  
    System.out.print("\nEnter Question "+i+" : ");  
    preparedStatement.setString(2,scanner.nextLine());  
    System.out.print("Enter no. of Options : ");  
    int noOfOptions = Integer.parseInt(scanner.nextLine()); int m=0;  
    for(int j=1; j<= noOfOptions;j++){  
        m=j+2;System.out.print("Enter your Option "+j+": ");  
        preparedStatement.setString(m,scanner.nextLine());}  
    for(int k=m+1;k<=7;k++){  
        preparedStatement.setString(m+1,null);m++;  
    }  
    preparedStatement.executeUpdate();  
}
```

1.5.3 Take Survey Module

This module will help the user to take the survey using the survey id that has been shared by the admin. Also they can see the total count of survey submission.

```
String sql = "select * from "+ surveyId;
Statement statement = connection.createStatement();
ResultSet result = statement.executeQuery(sql);

while(result.next())
{
    System.out.println(result.getInt("questionno")+" ". " +
    result.getString("questions"));
    for(int i=1;i<=5;i++)
    {
        String option = "option"+i;
        if(result.getString(option)!=null)
        {
            char c=(char)(96+i);
            System.out.println(c+" "+result.getString(option));
        }
    }
    System.out.print("Enter your Choice : ");
    choice = scanner.next().charAt(0);
    System.out.println();
}
```

1.6 ADVANTAGES

The key features of online survey system project are:

- The project has been coded in Java programming language with MySQL server database.
- It has the facility of hiding the identity of users or voters in the system. So, the system can be utilized in collecting ideas secretly.
- Besides the survey facility, it provides only admin can see the survey report so that there will not be any data leakage.
- Easy and efficient to intake the vote.
- It can be done anywhere to provide effective survey facility at an affordable cost.

Chapter 2

PROJECT IMPLEMENTATION

2.1 OUTPUT

Register Module

```
WELCOME TO ONLINE SURVEY SYSTEM
1. CREATE SURVEY
2. TAKE SURVEY
3. DISPLAY ALL SURVEYS
4. DELETE A SURVEY
5. EXIT

Enter your Choice : 1
.....REGISTER.....

ENTER USERNAME :      Keerthi AMR
CREATE PASSWORD :      Keerthi@7007
ENTER YOUR SURVEY NAME :      Online Education Survey
.....Registered for your Survey.....

Your Survey ID : SID0xfwx4Ra          Survey Name : Online Education Survey
```

Create Survey Module

CREATE YOUR SURVEY QUESTIONS

How many question do you want to create : 4

Enter Question 1 : How do you feel about distance education?

Enter no. of Options : 5

Enter your Option 1: Poor

Enter your Option 2: Below Average

Enter your Option 3: Average

Enter your Option 4: Good

Enter your Option 5: Excellent

Enter Question 2 : Do you have accesss to a device for learning online?

Enter no. of Options : 3

Enter your Option 1: Yes

Enter your Option 2: Yes, but it doesn't work well

Enter your Option 3: No, I share with others

Enter Question 3 : What device do you use for distance Learning?

Enter no. of Options : 4

Enter your Option 1: Laptop

Enter your Option 2: Desktop

Enter your Option 3: Tablet

Enter your Option 4: Smartphone

Enter Question 4 : How much time do you spend each day on an average on distance education?

Enter no. of Options : 5

Enter your Option 1: 1-3 hours

Enter your Option 2: 3-5 hours

Enter your Option 3: 5-7 hours

Enter your Option 4: 7-10 hours

Enter your Option 5: 10+ hours

Your Survey is Created

Take Survey Module

To Take Survey please entry your survey ID : [SID0xfwx4Ra](#)

ONLINE EDUCATION SURVEY

1. How do you feel about distance education?

- a) Poor
- b) Below Average
- c) Average
- d) Good
- e) Excellent

Enter your Choice :

2. Do you have accesss to a device for learning online?

- a) Yes
- b) Yes, but it doesn't work well
- c) No, I share with others

Enter your Choice : [a](#)

3. What device do you use for distance Learning?

- a) Laptop
- b) Desktop
- c) Tablet
- d) Smartphone

Enter your Choice : [a](#)

4. How much time do you spend each day on an average on distance education?

- a) 1-3 hours
- b) 3-5 hours
- c) 5-7 hours
- d) 7-10 hours
- e) 10+ hours

Enter your Choice : [a](#)

YOUR SURVEY HAS BEEN SUBMITTED

Total Number of Surveys Submitted : 2

Display Surveys Module

WELCOME TO ONLINE SURVEY SYSTEM

1. CREATE SURVEY
2. TAKE SURVEY
3. DISPLAY ALL SURVEYS
4. DELETE A SURVEY
5. EXIT

Enter your Choice : 3

|

```
.....
SURVEYID          SURVEYNAME
-----
SID0JnthuuT       Vegetables/ Fruits Survey
SID0kMck8gU       Facebook Survey
SID0U0ZJkOk       voting survey
SID0v0eEnUY       Fast Food Survey
SID0xfwx4Ra       Online Education Survey
SID0XSJtQX5       Website Review Survey
.....
```

3. CONCLUSIONS

3.1 CONCLUSIONS

Online Survey System Project in Java is an excellent software to conduct online survey with minimized economy. The result of this project will be accurate and totally error free. With this system, the whole survey process can be conducted secretly by hiding the identities of the people surveyed. The growing use of internet and computers confirms the good scopes of project. This project helps in lots of fields for taking surveys about a topics what people thinking about or if they have an issues they can express through the surveys.