BALLOT-A Polling System

Submitted in partial fulfilment of the requirements

of the degree of

Bachelor of Engineering

by

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Department of Information Technology

Vivekanand Education Society's Institute of Technology

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Department of Information Technology

CERTIFICATE

This is to certify that **Mr AAMIR ANSARI**   of Second Year Information Technology studying under the University of Mumbai have satisfactorily presented the Mini Project entitled **BALLOT – A Polling System** as a part of the MINI-PROJECT for Semester III in the year 2020-2021.

Date: 16/12/2020

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Supervisor/Guide

INTRODUCTION

In today's world of new "Normal", it becomes difficult to consider the opinion of people on macro level for a certain event. It can be made simpler by using **BALLOT**. It allows us to create polls based on levels of authorities. It is basically a polling system using which you can create different polls.
For example In our college, in order to consider the opinion of every Student in VESIT , the BALLOT system can be used.
The ADMIN can create n polls of different type and can view the results
Students will also be allowed to see their past responses and the results of the same polls.

SOFTWARE SPECIFICATIONS
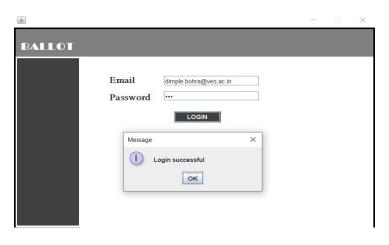
Front end:

    1   Java Version 1.8.0_271
    2   Eclipse

Back end:
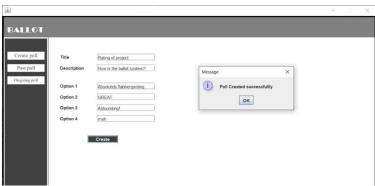
    1   Microsoft JDBC Driver 8.4 for SQL Server

    2   Microsoft SQL Server 2019

    3   Java Runtime Environment
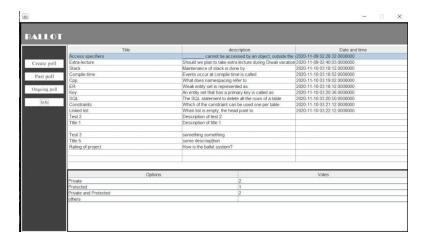
IMPLEMENTATION
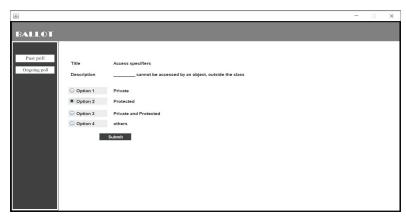
Connectivity code:

// snippet for connectivity with database

```
import java.awt.event.*;
import java.awt.*;
import javax.swing.*;
import java.sql.*;
import java.util.*;
import java.io.*;


        try {
                String connString = "jdbc:sqlserver://LAPTOP-CEM8CB00;instanceName=AAMIRSQL;Dat
                base=BALOT;integratedSecurity=true;";
                Connection conn = DriverManager.getConnection(connString);
                Statement stmt = conn.createStatement();
        }
        catch(Exception excpt) {
                excpt.printStackTrace();
        }
```

RESULTS

CONCLUSION

The sense of our opinion is being considered truly defines the democratic behaviour of the institution. BALLOT will help to maintain the same. With this project , we got the opportunity to explore the practical applications of DBMS. It was accompanied with the knowledge of representing the data using JAVA AWT and Swing in the form of user-friendly screens

REFERENCES

1. https://stackoverflow.com

2. https://www.oracle.com/database/technologies/appdev/jdbc.html

3. https://docs.oracle.com/en/java/

4. https://docs.microsoft.com/en-us/sql/?view=sql-server-ver15