

# **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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# Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## 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


**BALLOT**

Email

Password

LOGIN

Message

 Login successful

OK

Create poll

Past poll

Outgoing poll

Title

Rating of project

Description

How is the ballot system?

Option 1

Absolutely flabbergasting

Option 2

GREAT

Option 3


Astounding!

Option 4

meh

Create

Message



Poll Created successfully

OK

BALLOT			
	Title	description	Date and time
Create poll	Access specifiers	cannot be accessed by an object, outside the	2020-11-09 02:28:32 00000000
	Extra lecture	Should we plan to take extra lecture during Dswail vacation	2020-11-09 02:40:03 00000000
Past poll	Stack	Maintenance of stack is done by	2020-11-10 03:18:12 00000000
	Complete time	Events occur at complete time is called	2020-11-10 03:18:52 00000000
Ongoing poll	C++	What does namespace refer to	2020-11-10 03:19:02 00000000
	ER	Weak entity set is represented as	2020-11-10 03:18:12 00000000
Info	Key	An entity set that has a primary key is called as	2020-11-10 03:20:36 00000000
	SQL	The SQL statement to delete all the rows of a table	2020-11-10 03:20:50 00000000
	Constraints	Which of the constraint can be used one per table	2020-11-10 03:21:12 00000000
	Linked list	When list is empty, the head point to	2020-11-10 03:22:12 00000000
	Test 2	Description of test 2	
	Test 1	Description of test 1	
	Test 3	something something	
	Test 5	some description	
Rating of project	Rating of project	How is the ballot system?	
		Options	Votes
		Private	2
		Protected	1
		Private and Protected	2
		others	

Past poll

Ongoing poll

Title

Access specifiers

Description

☐ Option 1

Private

☒ Option 2

Protected

☐ Option 3

Private and Protected

☐ Option 4

others

Submit

\_\_\_\_\_ cannot be accessed by an object, outside the class

## **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>