

OBJECT ORIENTED

PROGRAMMING PROJECT

**ONLINE VOTING SYSTEM**

**CODE:**

**package** application;

**import** **static** javafx.scene.text.TextAlignment.***CENTER***; **import** javafx.application.Application;

**import** javafx.geometry.Pos; **import** javafx.scene.Group; **import** javafx.scene.Scene; **import** javafx.scene.control.Button; **import** javafx.scene.control.PasswordField; **import** javafx.scene.control.TextField; **import** javafx.scene.paint.Color; **import** javafx.scene.shape.Rectangle; **import** javafx.scene.text.Font; **import** javafx.scene.text.FontPosture; **import** javafx.scene.text.FontWeight; **import** javafx.scene.text.Text; **import** javafx.stage.Stage;

**public** **class** Main **extends** Application {

**public** **void** start(Stage stage) **throws** Exception { Scene scene1, scene2,scene3,scene4,scene41,scene5;

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Home Page Coding

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Rectangle r1 = **new** Rectangle(); r1.setX(202); r1.setY(160); r1.setWidth(600); r1.setHeight(350); r1.setArcWidth(50); r1.setArcHeight(50); r1.setFill(Color.***DARKBLUE***); r1.setOpacity(0.6);

Text t=**new** Text("WELCOME TO IQRA UNIVERSITY");

t.setLayoutX(235);

t.setLayoutY(220);

t.setTextAlignment(***CENTER***);

t.setFill(Color.***WHITE***);

t.setFont(Font.*font*("Archive", FontWeight.***BOLD***,35));

Text t1=**new** Text("Online Voting System"); t1.setLayoutX(355); t1.setLayoutY(260); t1.setTextAlignment(***CENTER***); t1.setFill(Color.***WHITE***);

t1.setFont(Font.*font*("Archive", FontWeight.***THIN***, FontPosture.***ITALIC***,30));

Button b=**new** Button("Faculty");

b.setStyle("-fx-background-color: darkblue; -fx-textfill: white");

b.setFont(Font.*font*("Archive", FontWeight.***BOLD***,22));

b.setTextAlignment(***CENTER***);

b.setLayoutX(450);

b.setLayoutY(320);

b.setAlignment(Pos.***BOTTOM\_CENTER***);

b.setPrefSize(110,50);

Button b1=**new** Button("Students");

b1.setStyle("-fx-background-color: darkblue; -fx-textfill: white; ");

b1.setFont(Font.*font*("Archive", FontWeight.***BOLD***,19.7));

b1.setTextAlignment(***CENTER***); b1.setLayoutX(450); b1.setLayoutY(400);

b1.setAlignment(Pos.***BOTTOM\_CENTER***); b1.setPrefSize(110,50);

Group root1 = **new** Group(r1,t,t1,b,b1); scene1 = **new** Scene(root1, 1000, 665);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Faculty Login Page Coding

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Rectangle r2 = **new** Rectangle(); r2.setWidth(500); r2.setHeight(665); r2.setFill(Color.***DARKBLUE***); r2.setOpacity(0.8);

Text txt=**new** Text("ONLINE VOTING\nSYSTEM"); txt.setLayoutX(65); txt.setLayoutY(90); txt.setTextAlignment(***CENTER***);

txt.setFont(Font.*font*("Verdana", FontWeight.***BOLD***,40)); txt.setFill(Color.***WHITE***);

Text txt1=**new** Text("Become a part\n of the Iqra

University\n Voting Community,\n and select your\n Student Council\n Leaders"); txt1.setLayoutX(60); txt1.setLayoutY(250); txt1.setTextAlignment(***CENTER***);

txt1.setFont(Font.*font*("Archive", FontWeight.***THIN***, FontPosture.***ITALIC***,40)); txt1.setLineSpacing(2); txt1.setFill(Color.***WHITE***);

TextField userNameField2 = **new** TextField(); userNameField2.setLayoutX(645); userNameField2.setLayoutY(220); userNameField2.setPrefSize(215, 50); userNameField2.setFont(Font.*font*("Open Sans Light",FontWeight.***THIN***,20));

userNameField2.setPromptText("Name");

PasswordField userPasswordField2 = **new** PasswordField();

userPasswordField2.setLayoutX(645); userPasswordField2.setLayoutY(310); userPasswordField2.setPrefSize(215, 50); userPasswordField2.setFont(Font.*font*("Open Sans Light",FontWeight.***THIN***,20));

userPasswordField2.setPromptText("Password");

Button btn2 = **new** Button("Login"); btn2.setLayoutX(705); btn2.setLayoutY(450); btn2.setPrefSize(100,40);

btn2.setStyle("-fx-background-color: darkblue; -fx-textfill: white");

btn2.setFont(Font.*font*("Archive", FontWeight.***BOLD***,20)); btn2.setOpacity(0.9);

Group root2 = **new** Group(r2, txt,txt1,btn2,userNameField2,userPasswordField2); scene2 = **new** Scene(root2, 1000, 665);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Student Login Page Coding

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Rectangle r3 = **new** Rectangle();

r3.setWidth(500); r3.setHeight(665); r3.setFill(Color.***DARKBLUE***); r3.setOpacity(0.9);

Text txt3=**new** Text("ONLINE VOTING\nSYSTEM"); txt3.setLayoutX(65); txt3.setLayoutY(90); txt3.setTextAlignment(***CENTER***);

txt3.setFont(Font.*font*("Verdana", FontWeight.***BOLD***,40)); txt3.setFill(Color.***WHITE***);

Text txt4=**new** Text("Become a part\n of the Iqra

University\n Voting Community,\n and select your\n Student Council\n Leaders"); txt4.setLayoutX(60); txt4.setLayoutY(250); txt4.setTextAlignment(***CENTER***);

txt4.setFont(Font.*font*("Archive", FontWeight.***THIN***, FontPosture.***ITALIC***,40)); txt4.setLineSpacing(2); txt4.setFill(Color.***WHITE***);

TextField userNameField3 = **new** TextField(); userNameField3.setLayoutX(645); userNameField3.setLayoutY(220); userNameField3.setPrefSize(215, 50); userNameField3.setFont(Font.*font*("Open Sans Light",FontWeight.***THIN***,20));

userNameField3.setPromptText("Name");

PasswordField userPasswordField3 = **new** PasswordField(); userPasswordField3.setLayoutX(645); userPasswordField3.setLayoutY(310); userPasswordField3.setPrefSize(215, 50); userPasswordField3.setFont(Font.*font*("Open Sans Light",FontWeight.***THIN***,20));

userPasswordField3.setPromptText("Password");

Button btn3 = **new** Button("Login"); btn3.setLayoutX(705); btn3.setLayoutY(450); btn3.setPrefSize(100,40);

btn3.setStyle("-fx-background-color: darkblue; -fx-textfill: white");

btn3.setFont(Font.*font*("Archive", FontWeight.***BOLD***,20)); btn3.setOpacity(0.9);

Group root3 = **new** Group(r3, txt3,txt4,btn3,userNameField3,userPasswordField3); scene3 = **new** Scene(root3, 1000, 665);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Faculty Voting Page Coding

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// vote image 1

Button votef1=**new** Button("ADNAN STUDENT COUNCIL"); votef1.setTranslateX(270); votef1.setTranslateY(125);

//vote image 2

Button votef2=**new** Button("SHAHEER MAJID STUDENT

COUNCIL");

votef2.setTranslateX(550); votef2.setTranslateY(125);

//vote image 3

Button votef3=**new** Button("AZAHAR ALI STUDENT

COUNCIL"); votef3.setTranslateX(270); votef3.setTranslateY(330);

//vote image 4

Button votef4=**new** Button("WALI JAWED STUDENT

COUNCIL");

votef4.setTranslateX(550);

votef4.setTranslateY(330);

//submit button

Button fsubmit=**new** Button("Submit");

fsubmit.setStyle("-fx-background-color: darkblue; -fx-

text-fill: white"); fsubmit.setFont(Font.*font*("Archive",

FontWeight.***BOLD***,22)); fsubmit.setTextAlignment(***CENTER***); fsubmit.setLayoutX(450); fsubmit.setLayoutY(550);

fsubmit.setAlignment(Pos.***BOTTOM\_CENTER***); fsubmit.setPrefSize(110,50);

Group root4 = **new** Group (votef1, votef2,

votef3,votef4, fsubmit); scene4 = **new** Scene(root4, 1000,

665,Color.***WHITESMOKE***);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Student Voting Page Coding

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// vote image 1

Button votef12=**new** Button("ADNAN STUDENT COUNCIL");

votef12.setTranslateX(270); votef12.setTranslateY(125);

//vote image 2

Button votef22=**new** Button("SHAHEER MAJID STUDENT

COUNCIL");

votef22.setTranslateX(550); votef22.setTranslateY(125); //vote image 3

Button votef32=**new** Button("AZHAR ALI STUDENT

COUNCIL");

votef32.setTranslateX(270); votef32.setTranslateY(330);

//vote image 4

Button votef42=**new** Button("WALI JAWED STUDENT

COUNCIL");

votef42.setTranslateX(550); votef42.setTranslateY(330);

//submit button

Button ssubmit=**new** Button("Submit");

ssubmit.setStyle("-fx-background-color: darkblue; -fx-

text-fill: white"); ssubmit.setFont(Font.*font*("Archive",

FontWeight.***BOLD***,22)); ssubmit.setTextAlignment(***CENTER***); ssubmit.setLayoutX(450); ssubmit.setLayoutY(550);

ssubmit.setAlignment(Pos.***BOTTOM\_CENTER***); ssubmit.setPrefSize(110,50);

Group root41 = **new** Group(votef12, votef22,

votef32,votef42, ssubmit); scene41 = **new** Scene(root41,1000,

665,Color.***WHITESMOKE***);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Last Page Coding

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Text t2=**new** Text("Thank You"); t2.setLayoutX(270); t2.setLayoutY(350); t2.setTextAlignment(***CENTER***); t2.setFill(Color.***BLACK***);

t2.setFont(Font.*font*("Archive",100));

Text t3=**new** Text("IQRA UNIVERSITY"); t3.setLayoutX(385); t3.setLayoutY(400); t3.setTextAlignment(***CENTER***); t3.setFill(Color.***BLACK***);

t3.setFont(Font.*font*("Archive", FontWeight.***THIN***,

FontPosture.***ITALIC***,30));

Group root5 = **new** Group(t2,t3);

scene5 = **new** Scene(root5, 1000, 665,Color.***LIGHTBLUE***);

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Event Handling Coding

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b.setOnAction(e -> stage.setScene(scene2)); //Faculty Page Button

b1.setOnAction(e -> stage.setScene(scene3));

//Student Page Button

btn2.setOnAction(e -> stage.setScene(scene4));

//Faculty Login Button

btn3.setOnAction(e -> stage.setScene(scene41));

//Student Login Button

fsubmit.setOnAction(e -> stage.setScene(scene5));

//Faculty Vote Submit Button

ssubmit.setOnAction(e -> stage.setScene(scene5));

//Student Vote Submit Button

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Stage Show Coding

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

stage.setResizable(**false**);

stage.setTitle("IQRA UNIVERSITY ONLINE VOTING SYSTEM"); stage.setScene(scene1); stage.show();

}

**public** **static** **void** main(String[] args)

{ *launch*(args);}}

**SCREEN SHOOTS**





