Team 18 Report

Work Allocation:

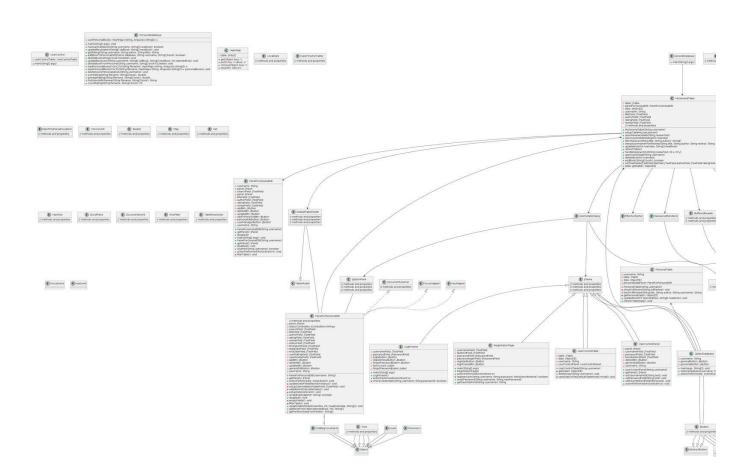
Full Name	Student ID	Approximate % of Work Done	What was Done
Omar Guluyev	17962	25%	Prepared the login screen and made sure
			you could log in by checking your
			username and password.
Murad Taghizade	18130	25%	Made the buttons for choosing what you
			want to do after logging in, like
			accessing your personal or general
			database, and made sure everything
			looked good on the screen.
Rustam Tahmazov	16277	25%	Focused on making the code feasible,
			readable, and conducive to further
			development.
Sadig Hasanli	18131	25%	Dedicated their efforts to ensuring that
			all project classes functioned as
			intended. By testing and debugging the
			code, resolved any issues that arose
			during development.

Our GitHub Link:

https://github.com/ADA-SITE-CSCI-1202/team-project-team-18

Our YouTube video link; https://youtu.be/-spMlaEZVXE

UML Diagram for Our Project:



Code Snippets:

FilterAndSorter.java class:

ForgotPassword.java class:

```
JLabel usernameLabel = new JLabel("Username:");
add(usernameLabel, gbc);
```

LoginFrame.java class:

OptionDatabase.java class:

User.java class:

UserDetailsDialog.java class:

UserControlPanel.java class:

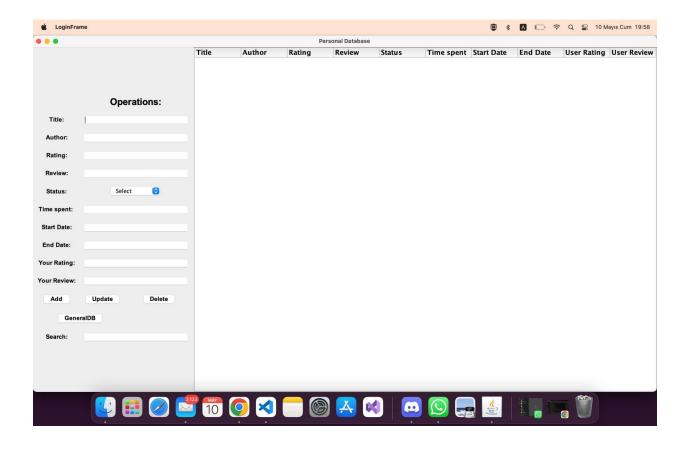
```
public class UserControlPanel extends oFrame implements ActionListener (
private oFramel panel;
private offertield usernameField, passwordField, favoriteWordField;
private oFautom deleteRtn, generalDbRutton;
Steing username;
                 public UserOomtrolFanel(String username) {
    this.username = username;
    panel = new Jesername;
    panel.setLayout(nult);
    usernameriets = new Jesertiels();
    password'nels = new Jesertiels();
    favoriteWardrield = new Jestrield();
    dolereMard = new Jestrield();
    dolereMard = new Jestrield();
    dolereMard = new Jestrield();
    generalDDButton = new JButton("Gene user");
    generalDDButton = new JButton("GeneralDB");
                                JLabet CrudLabet = new JLabet("User Hanager");
CrudLabet.setFont(new Font("Ariat", Font.Bolb, 22));
CrudLabet.setFounds(225, 160, 280, 40);
panel.add(CrudLabet);
                               Jlabel usernamelabel = new Jlabel("Username: ");
usernamelabel.esi8ounds(40, 250, 150, 30);
usernamelabel.esiFourinew Fent("Arial", Fent.80LD, 14));
panel.add(usernamelabel);
usernamefield:setGounds(140, 250, 200, 30);
panel.add(usernamefield);
                               Jiabel passwordlabel - new Jiabel("Password: ");
password abel.setRounds(46, 300, 108, 30);
password abel.setPont(met + Font("Arial", Font, RDLB, 74));
pamel.add(passwordlabel);
passwordField.setBounds(140, 300, 200, 30);
pamel.add(passwordField);
                                celeteBtn.setBounds(110, 400, 150, 35);
celeteBtn.setFont(new Font("Arial", Font.BOLD, 14));
celeteBtn.addActionListener(this);
panel.add(deleteBtn);
                                generalDBdutton.setHounds(&0, 450, 200, 501;
generalDBdutton.setFont(rex Font("Arial", Font.ROLD, 14));
generalDBdutton.addkctionLstener(this);
panel.add(generalDbdutton);
                 public void setUsernameField(String text) {
    usernameField.setText(text);
               BOwerride
public void actionPerformed(ActionEvent e) {
   if (e.getSource() — deleteBtn) {
      this.dispose();
      String selectedUsername = usernameField.getLext();
      if (iselectedUsername.isEmpty()) {
            UserControlTable userControlTable = new UserControlTable(username);
            userControlTable.deleteUser(selectedUsername);
    }
}
```

UI Snippets:

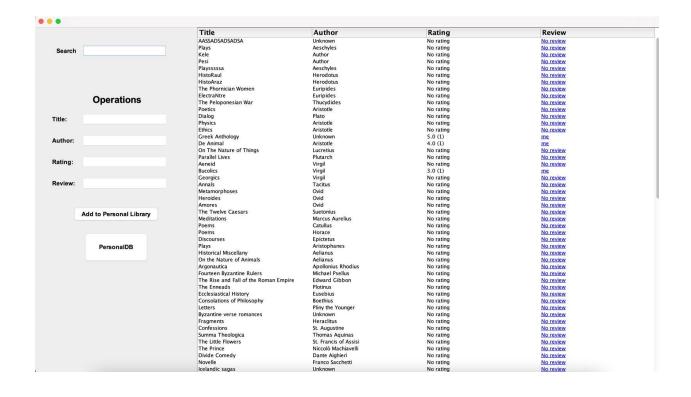
Register Page:

• • •	Register	
	Username:	
	Password:	
	Password Again:	
	What Is Your Favorite Word? (If You Forget Your Password)	
	Register	
	Back To Login	

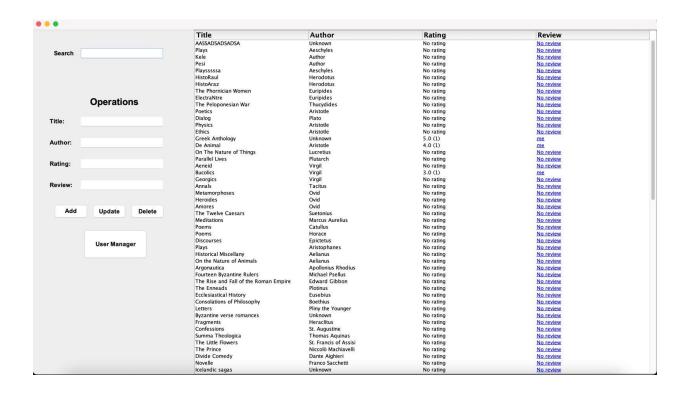
Personal Database Page:



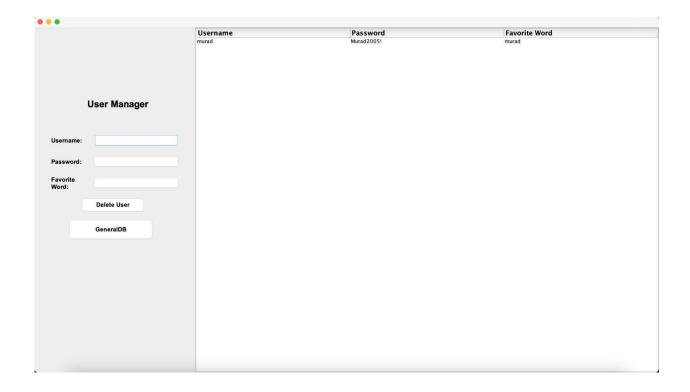
General Database for User Page:



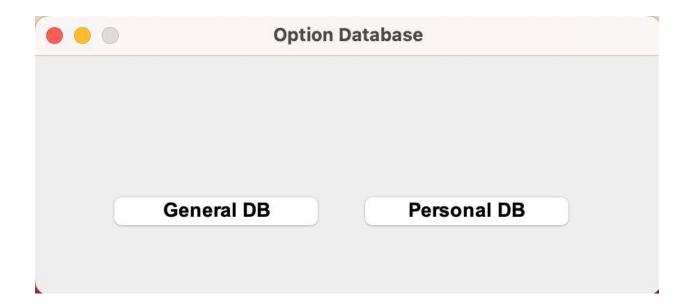
General Database for Admin Page:



User Manager Page:



Option Database Page:



Login Page:

• • •	Book Library Login	
	Welcome Our Library	
	Username:	
	Password:	
	Login	
	Don't you have an account?	
	Register	
	Did you forgot your password?	
	Renew Password	