

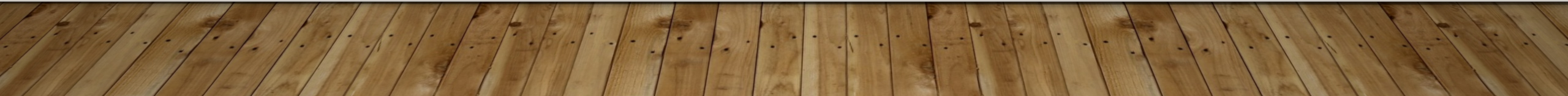
SOFTWARE ENGINEERING

CLASS GROUP PROJECT

TITLE : ELECTRONIC VOTING SYSTEM

GROUP ONE MEMBERS:

FRIMPONG FELIX NANA – F15040121



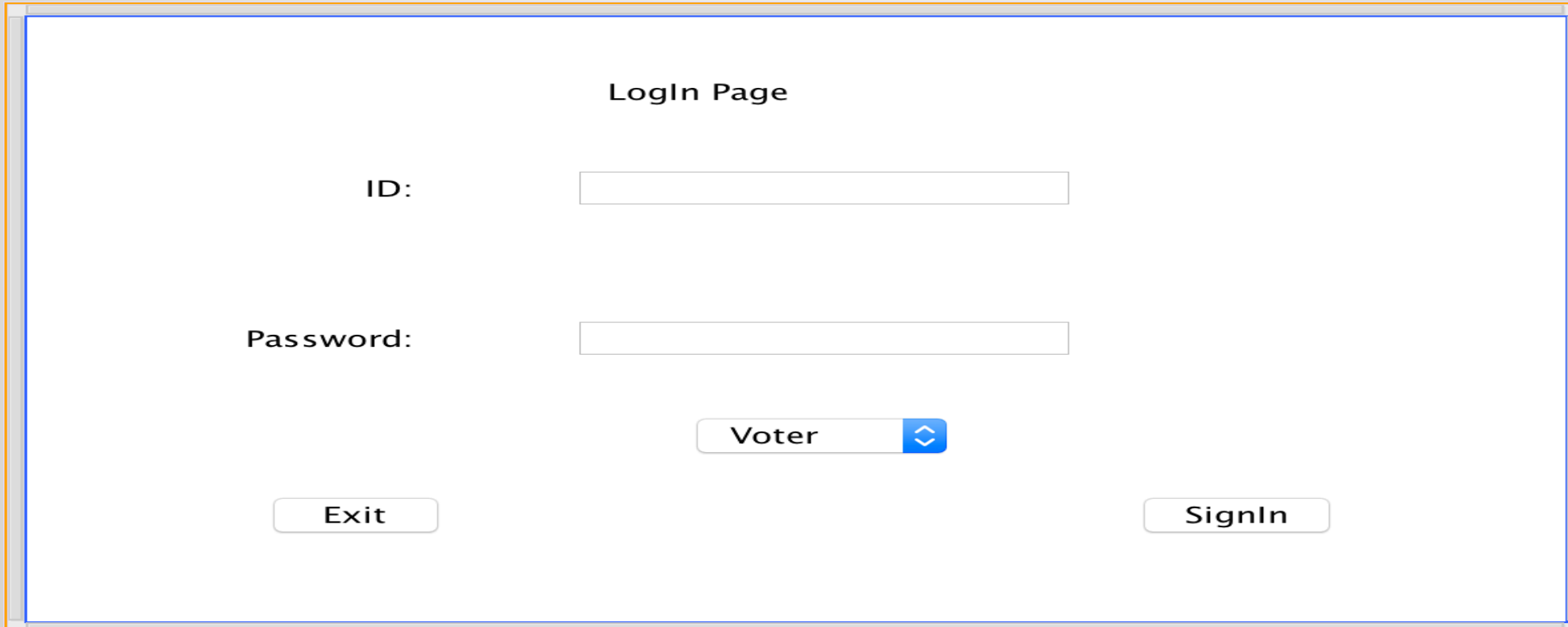
PROJECT VISION :

- ❑ TO DEVELOP AND MAINTAIN AN EFFICIENT VOTING SYSTEM.
- ❑ TO REDUCE TIME TAKEN DURING INTERNATIONAL STUDENT UNION ELECTIONS.
- ❑ TO IMPROVE CREDIBILITY OF VOTE COUNT DURING STUDENT ELECTIONS.
- ❑ TO REDUCE HUMAN RESOURCE REQUIRED DURING STUDENT ELECTIONS.

SOFTWARE ARCHITECTURE :

❑ INTERFACE:

COMPRISES OF THREE INTERFACES DEVELOPED IN JAVA:



The screenshot displays a Java-based graphical user interface for a login page. The window has a white background and a blue border. At the top center, the text "LogIn Page" is displayed. Below this, there are two input fields: one for "ID:" and one for "Password:". The "ID:" label is positioned to the left of the first input field, and the "Password:" label is positioned to the left of the second input field. Below the input fields, there is a dropdown menu with the text "Voter" and a blue arrow icon. At the bottom left, there is a button labeled "Exit". At the bottom right, there is a button labeled "SignIn".

CANDIDATE SELECTION PAGE

SELECT CANDIDATE

☐ Samuel

☐ David

☐ James

☐ Maxwell

VOTE

ADMINISTRATOR PAGE

ADMINISTRATOR PAGE

☐ Samuel

☐ David

☐ James

☐ Maxwell

RESULTS

CHALLENGES AND RISKS

- ❑ REALIZATION OF DATABASE QUERRYING USING THE JAVA INTERFACE IS STILL A NEW TO ME.
- ❑ INTRODUCTION OF A NEW SYSTEM MAY TAKE SOMETIME GETTING USED TO.
- ❑ A CENTRAL ADMINISTRATIVE SYSTEM MAY INCREASE RISK OF SECURITY BREACH.
- ❑ SINCE THIS IS LOCAL SYSTEM BASED, EXTRA COST MAY GO INTO PROVIDING SECURE MACHINES TO ENACT VOTING SYSTEM.

CONCLUSION

Upon completion of this project, we hope to achieve the following :

- Realizing the full functionality of our program.
- Improved project experience.
- Improved ability to work in teams.
- Improved research abilities.
- Add a few extra functions.

THANK YOU FOR YOUR AUDIENCE.

