Polling System SAAD1001

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Project Planning

My Polling System will be created in C. Upon startup the user will be prompted to select the login type, either Voter, Admin, or Polling Officer. Voters can select their candidate to vote, admins will be able to see the current election status, Polling officers can update candidate and voters login information.

SWOT Analysis

Diagram

Description automatically generated

Use Case Diagram

Diagram

Description automatically generated

Test Case Scenarios

|  |  |  |
| --- | --- | --- |
| Test Case # | Description | Expected Result |
| TC1 | Check if users input matches a valid login information | Successful Login or Unsuccessful login |
| TC2 | Attempt to register a candidate for the poll. | Successful addition of new candidate |
| TC3 | Attempt check of poll status | Shows correct poll status |
| TC4 | Update user’s login information | Successfully update user’s login information |

Flow Chart

Diagram

Description automatically generated

I chose to design a flowchart rather than a UML Diagram since this program was written in C and I figured it wouldn’t make much sense.