Use Cases for a Voting Application.

Actor: Voter

Objective: To cast their vote in an election using our voting app.

Precondition:

* The voter has been registered and verified to vote.
* The voter has a smartphone with internet connectivity.
* The election the voter wants to vote is ongoing.

Main Flow:

* The voter Log into the voting app using his/her registered credentials.
* The app then displays a list of elections available at that period.
* The voter selects the election he/she wants to participate/vote in.
* The app then displays the list of political parties or candidates running for a particular office in that election.
* The voter selects their choices and confirms their selection.
* The app display a summary of their selection and ask them to confirm if its correct and ask them to submit.
* The voter then confirms by submitting.
* The app then sends a message, stating that their vote has been submitted.
* The voter then logs out of the app.

Postcondition:

* The voter’s vote has been recorded in the election and can be counted.
* The app displays a confirmation message to the voter that their vote has been recorded.

Exceptions:

* If the voter is not eligible to voter, the app should display an error message.
* If the voter is eligible but have not registered to vote, the app should also display an error message.
* If the voter experiences any issue during the election, he/she should be able to contact the technical team for support/assistance.

Actor: Candidate

Objective: To be able participate in the election our voting app.

Precondition:

* The candidate has been registered and verified to contest in that election.
* The candidate has a smartphone with internet connectivity.
* The election the candidate wants to contest is ongoing.

Main Flow:

* The candidate Log into the voting app using his/her registered credentials.
* The app then displays a list of elections available at that period.
* The voter selects the election he/she wants to participate/vote in.
* The app then displays the list of political parties or candidates running for a particular office in that election.
* The voter selects their choices and confirms their selection.
* The app display a summary of their selection and ask them to confirm if its correct and ask them to submit.
* The voter then confirms by submitting.
* The app then sends a message, stating that their vote has been submitted.
* The voter then logs out of the app.

Postcondition:

* The voter’s vote has been recorded in the election and can be counted.
* The app displays a confirmation message to the voter that their vote has been recorded.

Exceptions:

* If the voter is not eligible to voter, the app should display an error message.
* If the voter is eligible but have not registered to vote, the app should also display an error message.
* If the voter experiences any issue during the election, he/she should be able to contact the technical team for support/assistance.