

E-election App:

E-election App Users :

- 1- Main Admin (App manager)
- 2- Secondary admin(employees)
 - a. College-level admins.
 - b. University-level admin.
- 3- Candidates (students) :
 - a. College-level candidates.
 - b. University-level candidates.
- 4- Voters :
 - a. Students.
 - b. Candidates.

Users Functionalities :

Main Admin:

- 1- Adding secondary admins by linking their emails with the App, and give them dummy passwords for the first time.
- 2- Deleting secondary admin/admins.
- 3- Specify the election start date / ending date.
- 4- Specify the total number of election-seats

5- Specify election seats for each collage where is the total number of college's election seats are equal to the total election seats.

6- Publish everything that he/she has done when the rules matches.

Secondary Admins :

- 1- Adding Candidates.
- 2- Removing Candidates.

Candidates :

- 1-Adding their election letter.
- 2-Removing their election letters.
- 3-Modify their election letters.
- 4-Vote.
- 5-Adding candidates to pre-voting list.

Voters :

- 1- Vote.
 - 2- Adding candidates to pre-voting list.
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voting mechanism:

1-voters/ Candidates can show college-level candidates, university-level candidates.

2-Each voter has 2 pre-voting lists:

a- “pre-voting list is a list where voters can keep their candidates before the voting time. Each pre-voting list has a capacity (election-seats number) that voters can’t exceed and it should be full when they click the vote button.”

b- Voters/candidates can vote when it's time to vote , but if the time of voting ends , their pre-voting list wont be transferred into votes.