User Manual

1.Admin Function Section

When open the http://localhost:8000/cgi-bin/home.cgi, the administrator will see the home page of this voting software, as shown in Figure 1.1.

Figure 1.1 Homepage

After clicking "Administrator Interface", the administrator login interface will appear, and you need to enter the administrator's specific password "admin", as shown in Figure 1.2.
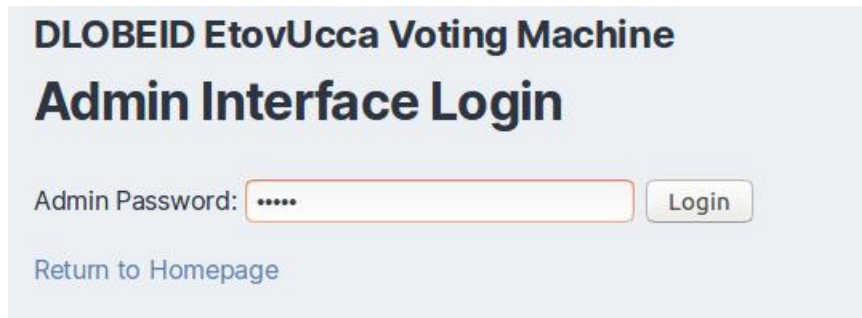

Figure 1.2 Admin Interface Login

If the login is successful, the following administrator interface will appear, the administrator can add elections on this interface, set the election date, office, zip code and candidate.

Figure 1.3 Admin Interface-Add Elections

The newly added election will first appear in the "Closed Elections" column, as shown in Figure 1.4, and the administrator can choose whether to open it. This software supports multiple elections at the same time.

DLOBEID EtovUcca Voting Machine

Admin Interface

Logout

Successfully added candidate Yuanxin to office 6

Open Elections

Closed Elections

- Election ID 3: 2021-11-30 Open Publish
  - Office ID 6: Police
    - Eligible ZIP Codes: (all)
    - Candidate ID 1: Sean
    - Candidate ID 2: Ryan
    - Candidate ID 3: Cloud
    - Candidate ID 6: Yuanxin
- Election ID 4: 2021-12-14 Open Publish
  - Office ID 7: School
    - Eligible ZIP Codes: (all)
    - Candidate ID 4: Maggie
    - Candidate ID 5: Shawn

Published Elections

Figure 1.4 Admin Interface-Newly Add Elections

When the administrator click open, the new elections will appear in the "Open Elections" column. At this time, voters can also see these elections and vote.

Figure 1.5 Admin Interface-Open Elections

For open election, it will be automatically closed when the deadline is reached, and the administrator can also manually close the election, as shown in Figures 1.6 and 1.7.
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Figure 1.6 Admin Interface-Automatically Closed Election

Figure 1.7 Admin Interface-Manually Closed Election

For closed elections, the administrator can choose to publish its election results.

Figure 1.8 Admin Interface-Published Elections

2.Voter Function Section
When open the http://localhost:8000/cgi-bin/home.cgi, voters will see the homepage of this voting software, as shown in Figure 2.1.

Figure 2.1 Homepage

After clicking "Register to Vote", the Voter Registration interface as shown in Figure 2.2 will appear. When you click Register to vote, the voting registration interface as shown in Figure 2.2 will appear.

Figure 2.2 Voter Registration

You can enter the required relevant information to register, as shown in Figure 2.3.

Figure 2.3 Voter Registration Example

After clicking submit, the registration ID of the corresponding voter will appear below, which will then be used to log in when voting.

DLOBEID EtovUcca Voting Machine

Voter Registration

Voter Name

Password
(Must contain at least one upper case character, one lower case character and one digit. Length between 8 to 15. No special characters allowed.)
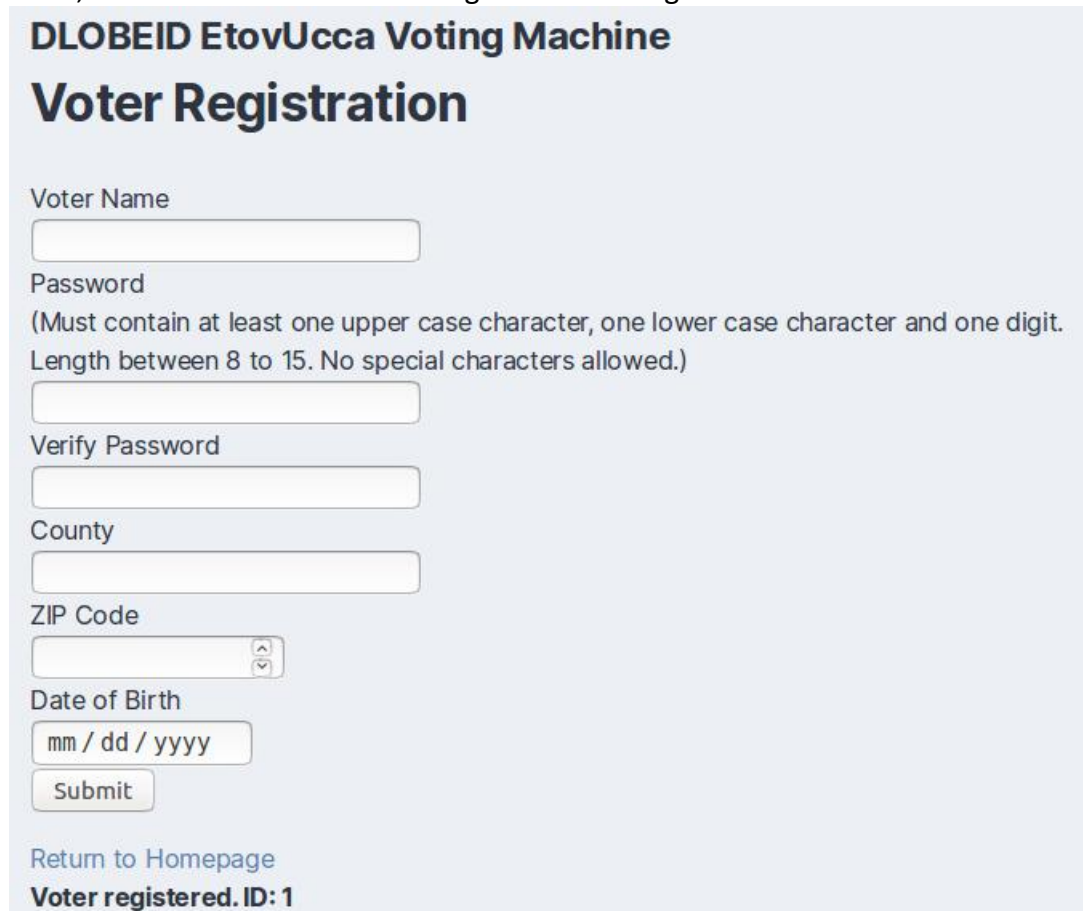
Verify Password

County

ZIP Code

Date of Birth
mm / dd / yyyy

Submit

Return to Homepage
Voter registered. ID: 1

Figure 2.4 Voter Registration-Registration ID

After registration, you can click to return to the homepage. When you click "Vote for an Office" on the homepage, it will jump to the following voter login interface. Voters can enter the ID generated by the previous registration and the password created to log in.

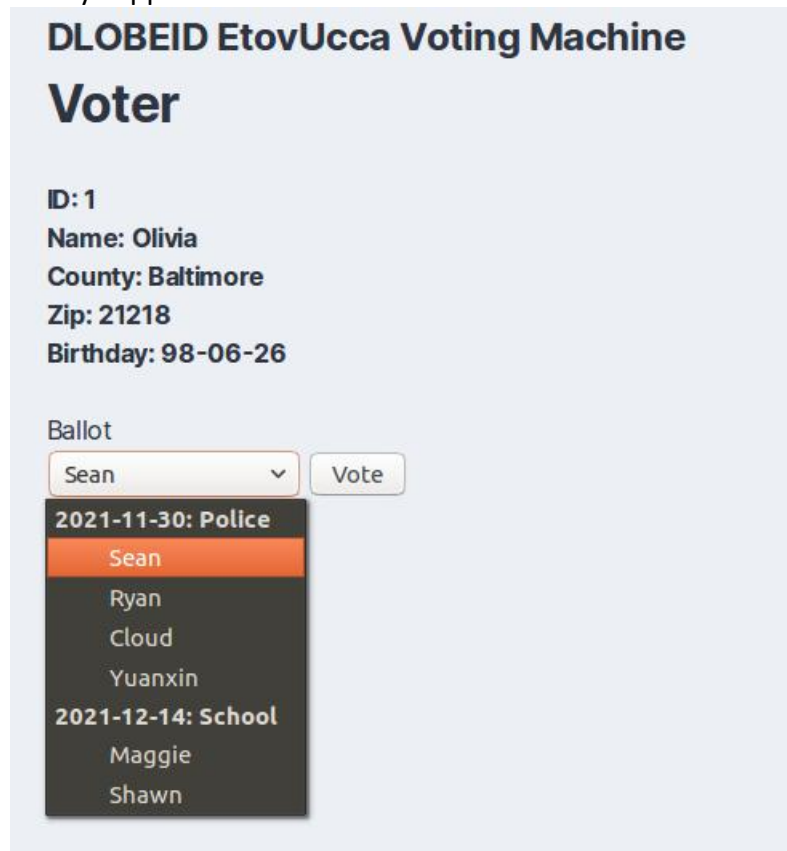**DLOBEID EtovUcca Voting Machine**

Voter Login

Voter ID
1

Password
••••••••••

Login

Return to Homepage

Figure 2.5 Voter Login

If successfully logged in, voters can choose to vote for candidates in different elections that they support.

Figure 2.6 Choosing a Candidate

After a successful vote, the corresponding voting information will appear below, as shown in Figures 2.7 and 2.8.

Figure 2.7 Voting for Sean of Police

Figure 2.8 Voting for Maggie of School