Scenarios:

Scenario Name: voterRegistration

Actors: Voter-Kyle

Flow of Events:

* Kyle, a current resident of Athens Clarke County, recently realized that he wanted to be able to vote on current issues and elections that are occurring in Athens.
* He goes to register to vote on the online eVoting system, but realized he has not registered to vote yet.
* Kyle signs up to vote and makes an account.
* Kyle enters in his name, address, phone number, email, social security number, username, and password and presses enter
* Kyle now has access to his profile of voting. This means he can update his username and password as well as delete his voter registration.
* Kyle can also view ballots and elections that are occurring or will soon be occurring in his area.
* Kyle logs out of his account until he wants to vote on an issue/election.

Scenario Name: voting

Actors: Voter-Kyle

Flow of Events:

* Kyle wants to vote on a current election that is happening in Athens Clarke County.
* Kyle signs into his account that he previously made.
* Kyle selects the election that he wants to vote on.
* Kyle must wait until the election is open for voting.
* Once the voting system has been opened for the particular election, Kyle can select his vote.
* Once Kyle submits his vote, he is unable to change his vote.
* Kyle must wait for the voting system to close and for the system to publish the results.
* Once the results have been published, Kyle logs into his account and views the results.
* Once Kyle sees the results, he logs out of his account.

Use Cases:

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| --- | --- |
| Use case name: | voterRegistration |
| ID |  |
| Version | 1 |
| Author | Rosalie Thobe |
| Date | 9/6/16 |
| Summary | This use case explains the process of signing up to become a registered voter so that he/she may vote in the future. |
| Basic Path | 1. Voter goes to eVoting system website where there is a side for voter to sign in with username and password or to create a new account. 2. Voter does not have username or password yet so they fill out the prompted sections under the “create a new account” column. 3. The system asks for: first name, last name, age, address, email, phone number, unique username and password. 4. Voter clicks on the “create account” button. 5. Website goes to the voter’s newly created profile where he/she can: view and manage their profile, view any elections/issues that are going to be or are occurring in their district, and the voter can also select an election/issue to vote on. |
| Alternative Paths | None |
| Exception Paths | If in step 3: the voter enters a username that is already taken by another voter, a message will appear. The message will say “username already taken, please select another”. |
| Extension Points |  |
| Triggers | The citizen wants become a voter in order to take part in voting on the next election/issue. |
| Assumption |  |
| Pre-conditions |  |
| Post-conditions | The voter becomes apart of the system and has the ability to now vote on open elections/issues. |

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| --- | --- |
| Use case name: | voting |
| ID |  |
| Version | 1 |
| Author | Rosalie Thobe |
| Date | 9/6/16 |
| Summary | This use case explains the process of voting on an issue or election that is about to open for voting or currently open for voting. |
| Basic Path | 1. The Voter logs into his/her account by entering username and password and pressing the “log in” button. 2. The system will bring up the home page of their account. 3. The voter has the choice of viewing the election/ballot that they want to participate in by clicking “view” on the particular election/issue. 4. The next screen pulls up the election/ballot along with the choices of “select” or “back”. 5. The voter choses the “select” button to vote on that issue/election. The system pulls up the selected election/issue along with the candidates or questions associated with that election/issue. 6. Voter has choice of selecting their choice of vote. There are buttons that say “vote” and “cancel”. Voter selects “vote”. 7. The system will display a “thank you for voting” page. And there will be a button “home page”. The voter clicks on that button to return to home page and may vote on another issue/election. 8. The voter is able to view the results of the election/issue they voted on. Once the election/issue closes for voting, there will appear a button “view results” next to the “view” button. 9. The voter clicks on “view results” to view the results of election/issue they voted on. 10. Once the voter is done voting, the voter clicks on the “log out” button. |
| Alternative Paths | If in step 4, the voter decides not to chose that election to vote in, the voter choses “back” button. This will bring them back to the home screen of his/her profile.  If in step 6, the voter decides not to vote on the election/issue, the vote choses the “cancel” button. This is will bring them back to the home screen of his/her profile. |
| Exception Paths | If in step 1, the voter enters his/her username or password wrong, a message will appear at the top of the page in red. The message will read: “Username/password is incorrect”.  If in step 1, the voter forgets his/her password, they can click on the “forgot password” text. The screen will then prompt the voter for their email and username. The system will then send them an email with a random temporary password for them to log in with.  If in step 1, the voter forgets his/her username, they can click on the “forgot username”. The screen will prompt the voter to enter their email. The system will then send an email to them containing their username.  If in step 4, the voter does not want to vote on the issue they can select the “back” button to go back to the list of possible issues/elections to vote on.  If in step 4, the election/issue has not been opened for voting, an error message will appear at the top. The message will say: “election/issue has not been opened yet for voting”.  If in step 7, the voter selects the same election/issue to vote on, an error message will appear. The message will say “Sorry, you already voted”.  If in step 7, the voter does select another election/issue to vote on, the same system rules 3-7 apply.  If in step 10, the voter can “delete account” by pressing on that button. The voter is no longer a registered voter for that district. |
| Extension Points |  |
| Triggers | There is an election or issue that the voter wants to participate in. |
| Assumption |  |
| Pre-conditions | The voter already is already registered to vote and their account is recognized by the system. |
| Post-conditions | The voter has voted on an issue or election and the vote has been accounted for. |

THIS PART IS NOW WRONG, BUT WE ARE KEEPING IT ANYWAY UNTIL HE FINALIZES WHAT HE WANTS US TO DO.

Use Case

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| Scenario Name: | createAccount |
| Actors: | Voter |
| Entry Conditions: | Current user does not have an account already, but wants to be able to vote |
| Flow of Events: | 1. Voter goes to eVoting system website. 2. Voter does not have username or password yet so they fill out the prompted sections. 3. Voter fills in info for his/her: first name, last name, date of birth, address, email, phone number, social security number, unique username and password. 4. Voter clicks on the “create account” button |
| Exit Conditions: | The system then brings voter to his/her new profile of the eVote system. |

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| Scenario Name: | createInvalidAccount |
| Actors: | Voter |
| Entry Conditions: | Extends createAccount |
| Flow of Events: | 1. Voter enters a username that is currently being used. |
| Exit Conditions: | The system will give a warning that the username is currently taken at the top of the page in red.  The all the other information will remain, but the prompt for another username will be blank. |

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| Scenario Name: | forgotUsername |
| Actors: | Voter |
| Entry Conditions: | Voter has account, but has forgotten his/her username. |
| Flow of Events: | 1. Voter clicks on “forgot username” option |
| Exit Conditions: | The system then brings voter to a new page where he/she must enter their email address. |

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| Scenario Name: | forgotPassword |
| Actors: | Voter |
| Entry Conditions: | Voter forgot their password to their account. |
| Flow of Events: | 1. Voter clicks on “forgot password” button |
| Exit Conditions: | The system then brings voter new page where it prompts the user to enter email address and username. |

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| Scenario Name: | submitEmailButton |
| Actors: | Voter |
| Entry Conditions: | Voter forgot username or password |
| Flow of Events: | 1. Voter enters email address 2. Voter enters username (if they forgot their password). 3. Voter presses “send email” button |
| Exit Conditions: | The system brings he/she back to home page where he/she can enter information again. |

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| Scenario Name: | login |
| Actors: | Voter |
| Entry Conditions: | Voter has account. |
| Flow of Events: | 1. Voter goes to eVoting system website. 2. Voter enters username. 3. Voter enters password 4. Voter presses “enter” button. |
| Exit Conditions: | The system then brings voter to his/her profile of the eVote system. |

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| Scenario Name: | loginInvalid |
| Actors: | Voter |
| Entry Conditions: | Extends login |
| Flow of Events: | 1. Voter enters username or password invalidly. 2. Voter presses “enter” button |
| Exit Conditions: | A message will pop up in red at the top that says “invalid username/password” |