Blockchain Voting

Shane Mate

Dayton McManus

Nomuulin Batbold

List of design changes to complete the project on time:

1. We will not have our own servers or databases; we will be using someone else’s database and server for the blockchain.
2. Servers will be maintained offsite.
3. Death records will be checked over the last 4 years.
4. Our program will be able to run on any computer.
5. We will use C# to validate the information in the database.
6. We will use SSDI (Social Security Death Index) to check death records.

Our weekly milestone, by the end of each week:

Week 1: A complete prototype, having the user be able to input their first name, last name, date of birth, and Vuid. Have the code display an error message if: you have already voted, your information is incorrect, or you are ineligible to vote. A button will be added instead of a checkbox and filled in with the color maroon when checked, and the prototype must have a confirmation before submitting the final results.

Week 2: We will have the two databases chosen, and the code to connect the two databases and be able to authenticate users by checking the death records and registration databases.

Week 3: We will be connected to a blockchain database.

Week 4: A fully functional program.