Project Final Deliverable

**1. Project title**

***InfoLection*** *– Retrieves election dates and candidates’ data from the OpenFEC API and displays it to the user.*

**2. Team members and roles**

* ***Kady Badham****, Project Manager*
  + [*kdbdhm@gmail.com*](mailto:kdbdhm@gmail.com)
* ***Caryn Pasking****, Tester*
  + *cpasking@umd.edu*
* ***Ebrima Jarjue****, Researcher*
  + *EbrimaHJarjue@gmail.com*
* ***Bryan Dubon****, Analyst*
  + [*BDubon@umd.edu*](mailto:BDubon@umd.edu)

**3. Summary of accomplishments**

*We were able to integrate two APIs from the FEC that provide two different sets of data. We also created a GUI for easier accessibility to the user. The data includes election dates and candidates’ information. Also, we provide the user with some sorting options to better identify the information they seek. We added a menu bar that directs the user to useful documentation about the program.*

**4. Summary of learning**

*We found out that it’s not easy to create GUIs. We take for granted all the little details and tools that are incorporated in all sorts of programs without realizing how hard it is to create them. We struggled with displaying the data in our GUI as well as creating a simple scrollbar but thankfully, the Stack Overflow community gave us a hand and we solved our problem.*

**5. Next steps**

*- Create a function that would allow the user to save the results into a file.*

*-create more options for the user to request specific data about a state, month, office, etc.*

**6. Individual contributions**

* *Kady Badham, Project Manager*
  + *Co-wrote a second function that outputs candidates’ information*
  + *Co-wrote GUI code*
  + *Helped Design GUI*
  + *Wrote functions to open “About” and “Instructions” files*
* *Caryn Pasking, Tester*
  + *Co-wrote a second function that outputs candidates’ information*
  + *Wrote code for radio buttons that allow users to select which way they want to sort the output*
  + *Write some documentation about the program’s functionalities*
  + *Helped Design GUI*
* *Ebrima Jarjue, Researcher*
  + *Found information regarding TKinter and its functionalities*
  + *Co-wrote input validation function*
  + *Found a way to change our GUI’s icon*
  + *Helped Design GUI*
* *Bryan Dubon, Analyst*
  + *Integrated the GUI and our functions*
  + *Helped Design GUI*
  + *Co-wrote GUI code*
  + *Co-wrote code to validate user input*

**7. Include the final code snapshot, along with previous updates & code snapshots in the ZIP file.**

**Our Last Version is the File Called ‘InfoLection’**