# Sprint Backlog - updated 4/18/20 - Team 3: Archer (deak0007), Baker (bake1358), Kluegel (klue0037), Spitzer-Resnick (spitz123)

| Priority | PBI | Assignment/Task (Not Started) | Assignment/Task (In-progress) | Assignment/Task (Complete) | Team Member | Time(hr) | Start date | Completed on | Due on |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Fix Project 1 Code | | | STV Election (compile and debug) | Archer/Kluegel | | 4/14/2020 | 4/18/2020 | |
| | | | | First Ballot Number Assignment (code, compile and debug) - break ties | Archer/Kluegel | | 4/14/2020 | 4/18/2020 | |
| | | | Logger (code) | | Archer, Hailin | | | 4/17/2020 | |
| | | Add logging code to plurality election | | | Archer, Hailin | | | | |
| | | | | Add logging code to stv election | Archer, Hailin | | 4/18/2020 | 4/18/2020 | |
| | | Add logging code to voting info, ballot file processor to record to log ballot | | | Archer, Hailin | | | | |
| | | | STV Election (unit test) | | Baker/Kluegel | | 4/16/2020 | | |
| | | | | Logger (unit test) | Archer/Baker | | | | |
| | | STV Election documentation (test logs) | | | Baker/Kluegel | | | | |
| | | System test (code and run - comprehensive ballot files) | | | Archer/Kluegel | | | | |
| | | | | Add doxygen Doxyfile to makefile | Spitzer-Resnick, Josh | 1hr | 4/15/2020 | | |
| | | | | Write loop in main in UserInterface to input multiple ballot files (BallotFileProcessor appends to lists) | Spitzer-Resnick, Josh | 1hr | 4/18/2020 | | |
| | | | | Copy P1 into P2 folder | Spitzer-Resnick, Josh | 1hr | 4/14/2020 | | |
| | | | | Create a makefile for tests | Baker, Bryan | | 4/17/2020 | | |
| | | | | User interface error proof and debug | Archer, Hailin | | | | |
| | | Error checking code for Ballot file input - BUG but not a prioritized PBI | | | | | | | | |
| | | | | Generate ballot files for testing | Archer, Hailin | | 4/17/2020 | 4/17/2020 | |
| 2 | Invalidate STV ballots without enough rankings | | | Invalidate STV ballots in Ballot File Processor (check VotingInfo if algorithm is STV, extra function, create invalidated_STV_ballots_ std::list<*Candidate> in VotingInfo - APPEND TO FILE SO CAN TAKE MULTIPLE BALLOT FILES) ***AND*** documentation | Baker, Bryan | | 4/14/2020 | | |
| | | | | Unit test (include edge ballot file examples) | Baker, Bryan | | 4/15/2020 | | |
| | | | | System test | Baker, Bryan | | | | |
| | | | Documentation (Doxygen) | | Baker, Bryan | | 4/14/2020 | | |
| | | | | Documentation (Test Cases) | Baker, Bryan | | 4/15/2020 | | |
| | | | | Merge into devel-p2 | Baker, Bryan | | 4/16/2020 | | |
| 3 | Save a file containing invalidated ballots to disk | Ballot File Processor sends filename, text to Logger (no?) | | | | | | | | |
| | | Write reportInvalidatedBallots function in BallotFileProcessor (Hailin) | | | Spitzer-Resnick, Josh | | | | |
| | | Ballot File Processor creates a <logger> object then writes the invalidated ballots to this file. - COPY TO logger_invalidated_report.cc/.h | | | Spitzer-Resnick, Josh | | | | |
| | | Invalid Ballot File Creator function "write invald ballots" in VotingInfo obj (has all of voting info - loop through) - call from voting_system.cc - Bryan (look at Bryan's orginial Logger, just name differently) | | | | | | | | |
| | | Unit testing (VotingInfo initialized) | | | Spitzer-Resnick, Josh | | | | |
| | | System tests (erroneous ballot files) | | | Spitzer-Resnick, Josh | | | | |
| | | Documenation | | | Spitzer-Resnick, Josh | | | | |
| 4 | GUI for the directory search | Learn how to create GUI - Qt Creator? | | | Kluegel, Colin | | | | |
| | | Write extra function selectFileGUI_ in main in UserInterface (input file name option - open GUI to select filename, close GUI) - THINK CAN JUST DO ONE AT A TIME BUT CHECK NOTES | | | Kluegel, Colin | | | | |
| | | Unit testing | | | Kluegel, Colin | | | | |
| | | System tests | | | Kluegel, Colin | | | | |
| | | Documentation (doxygen comments) | | | Kluegel, Colin | | | | |

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