Project: Alternative Vote

APCS Final Project Week 1 Status Report .

Date: April 28, 2017

To: Mr. Fulk

From: Andrew Lin, Vinay Senthil, Jeffrey Tao

**Subject:** Status Report Week 1

**Accomplishments:** Please see the Project Plan. After establishing our project ideas, we established some of the basic framework (basic classes Ballot, Candidate, Position, etc.) and started looking into implementing networking with MySQL and GUI.

**Problems/Risks**: GUI appears to be more and more of a serious problem as it is highly dependent on the rest of the project; thus we must focus on it more in the next week.

**Next Steps:** We will first be developing a simple text-based Alternative Vote calculator (no GUI) that is functional and uses the correct algorithms. Once this is completed, we will slowly add GUI and networking.More specifically, Vinay will be working on networking, Andrew will be working on the Election class, and Jeffrey will be working on the text-based Alternative Vote Election class.

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| **Task** | **When** | **Responsible** |
| Establish basic framework (classes Vote and Candidate, (abstract) Election, etc.) | Monday, May 1 | All of us |
| Establish basic GUI (class VoteWindow) | Thursday, May 4 | Andrew |
| Write AlternativeElection class & implement GUI | Friday, May 5 | Jeffrey |
| Additional types of voting such as the Electoral College | Thursday, May 11 | All of us |
| Implement statistical models | Friday, May 12 | Andrew |
| Documentation | Thursday, May 18 | All of us |