Group Process Presentation

Understanding the Problem

- Our group performed spike investigation early on
 - Helped us understand requirements we need to fulfill
 - o Provided clarification to what the problem entailed
- Spike was carried out as a group during workshop session
- Crucial part of behavioral design

Gathering Requirements

- Noted voter/electoral commissioner user flow
- Functionality voter/electoral commissioner can access
- Good understanding of problem simplified gathering requirements

Translating Requirements to User Stories

- The format of user stories
 - As an electoral commissioner, I want to add a candidate
- Priority levels:
 - o High
 - Medium
 - o Low
- SMART user stories
- Incorrect requirement turned into user story

Git Issues

- User stories to Git Issues
- Following up on progress
- Held us accountable
- How it helped us with pair programming

Git Issues

① 5 Open ✓ 8 Closed	Author +	Label +	Projects ▼	Milestones +	Assignee ▼	Sort ≠
① user story - commissioner can navigate to the different pages of the system #15 opened 10 days ago by a1747701					00	□ 2
① user story - commissioner can change candidate order within party grouping #14 opened 10 days ago by a1747701					4	
① User story - electoral commissioner can exclude candidate from voting process #12 opened 10 days ago by a1720825	good first is	ssue			4	
① User story - ballot page good first issue #9 opened 10 days ago by a1720825					æ	□ 1
① User story - interface to choose method of voting (above/below Iline) good first #7 opened 10 days ago by a1720825	issue				æ	

Git Issues

0	① 5 Open 🗸 8 Closed	Author +	Label +	Projects ▼	Milestones ▼	Assignee ▼	Sort ▼
	User story - election commissioner login good first issue #30 by a1797163 was closed 3 days ago					•	₽1
	User story - voter login good first issue #29 by a1797163 was closed 3 days ago					٠	Ç 1
	User story - election commissioner authentication good first issue #16 by a1797163 was closed 7 days ago					٠	□ 3
	User story - commissioner can edit candidate information #13 by a1747701 was closed 22 hours ago						D 1
	User story - electoral commissioner can add candidate information good first is #11 by a1720825 was closed 22 hours ago	sue				#	D 1
	User story - electoral commissioner can see voting results good first issue #10 by a1720825 was closed 9 days ago					*	□ 2
	User story - home page for a voter with voting information good first issue #8 by a1720825 was closed 22 hours ago					æ	□1
	User story - voter authentication good first issue #6 by a1720825 was closed 7 days ago					٠	□ 5

Implementation Phase of BDD and TDD

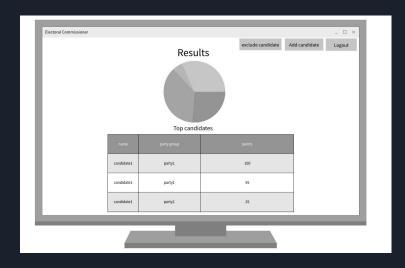
- Cucumber and RSpec tests
 - Consistency issues
 - Good for producing high quality features
 - Room for improvement

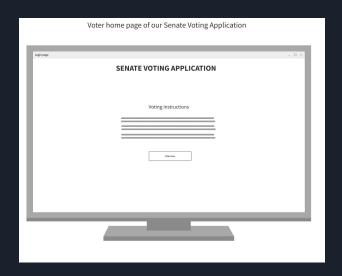
Pair Programming

Helped with:

- Adapting to changing requirements
- Overcoming roadblocks
- Completing a complex task in timely manner

Wireframes





Conclusion

- The creation of user stories
- Utilization of Wireframes
- The use of Pair Programming
- Test Driven Development
- An extensive use of Gits features