



Group Process Presentation

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Understanding the Problem

- Our group performed spike investigation early on
 - Helped us understand requirements we need to fulfill
 - 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:
 - High
 - Medium
 - 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

<input type="checkbox"/>	 5 Open ✓ 8 Closed	Author ▾	Label ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>	 user story - commissioner can navigate to the different pages of the system #15 opened 10 days ago by a1747701						 2
<input type="checkbox"/>	 user story - commissioner can change candidate order within party grouping #14 opened 10 days ago by a1747701						

<input type="checkbox"/>	 5 Open ✓ 8 Closed	Author ▾	Label ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>	 User story - election commissioner login good first issue #30 by a1797163 was closed 3 days ago						 1
<input type="checkbox"/>	 User story - voter login good first issue #29 by a1797163 was closed 3 days ago						 1



Implementation Phase of BDD and TDD

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

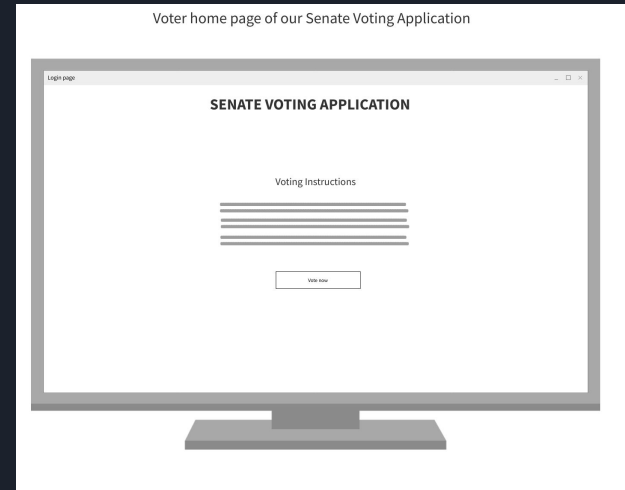
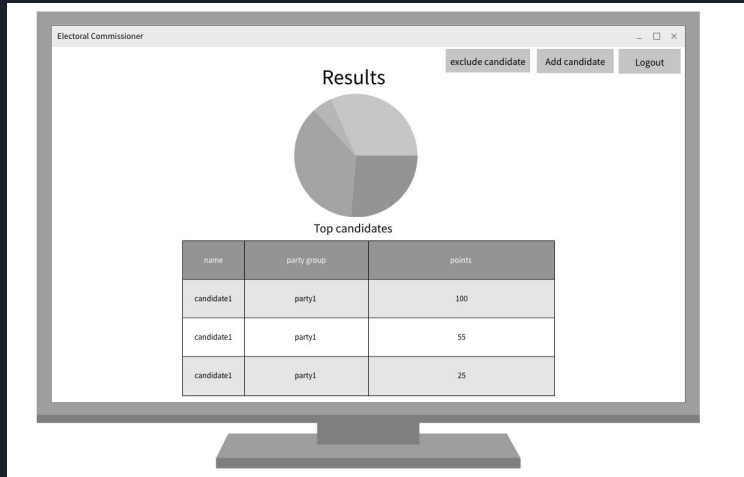


Pair Programming

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