Sprint 1

Date: 15.01.2021

Participants: Sander Hurlen, Christoffer Træen, Steffen Holanger & Emil Elton Nilsen

Retrospective

What went well	What could improve
Very good traction from day one.	Take some break and fresh air more often
Everybody has done their personal tasks	Book room more often, if possible
Very focused group. Working when we need to work.	Add more issues/cards to backlog when they appear
Built a good foundation for this bachlor thesis. A good organizational structure	Off-topic disussion points can go to backlog
Communicated very well. Even with group members working from home 🏥	
Very constructive and honest discussion when discussing tech or other "personal" points. on point/objective/professional discussions	
Continuity. Working every day of the week. Sticking to the plan.	

Actions

- [x] Take some more breaks
- [x] Add more cards/issues to backlog continuously
- [x] Book room to have meetings

Sprint 1

Review

We have done everything this sprint 😄

Has been done

Has not been done

Work that has been added

Work removed

Sprint 2

Plan

-

Sprint 2

Date: 15/02/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Accomplished last sprints actions	nVidia drivers for Linux
Active problem solving	Plan more issues
Good will	Pull request review continiusly
Attendence	
Engaged in others work	
Activly used the kanboard boards	

Actions

- [x] Create more issues
- [x] Quicker reviews of PRs

Sprint 2

Review

Total points: 42

Underestimated some story points. Some tasks took less time than expected.

Has been done

-

Has not been done

- Wireframes - Due to uncertainties
    - Landing page
    - Dashboard
    - Profile
    - Members in organisation

Work that has been added

- Create powerpoint presentation of project, based on pre-report.

Work removed

- Nothing

Sprint 3

Plan

13
Sprint backlog
Meeting with Arne on Friday 29.01
Added by freshfish70
Finalize preliminary report
org#31 opened by freshfish70
point: 5
priority: high
writing
Practice presentation
0 of 2
org#29 opened by spiftire
point: 1
priority: medium
Sprint 3
Create story points calculator for sprint backlog
org#30 opened by freshfish70
point: 2
[Frontend] Setup docker development environment
0 of 5
frontend#9 opened by freshfish70
infastructure
point: 3
priority: high
[Backend] Setup docker development environment
0 of 5
backend#3 opened by freshfish70
infastructure
point: 3
priority: high
Setup deno settings vscode
backend#1 opened by freshfish70
infastructure
point: 0
priority: high
Test React and typescript
frontend#1 opened by spiftire
point: 21
priority: medium
Setup Typescript
0 of 2
frontend#7 opened by freshfish70
infastructure
point: 1
priority: high
Setup eslint
0 of 1
frontend#8 opened by freshfish70
infastructure
point: 1
Setup overleaf for main bachelor report
0 of 2
org#22 opened by freshfish70
point: 2
priority: low
writing
set up GitHub Actions for pull requests and push
frontend#10 opened by sanderhurlen
infastructure
point: 2
priority: medium
create GitHub Actions for push and PR
backend#4 opened by sanderhurlen
infastructure
point: 2
priority: medium

Sprint 3

Date: 29/01/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Meeting on time	Plan more work
Inclusive work environment	More breaks
Able to find relevant task when all work is done	Make more clear sprint goals
Test PR' during review	
Commit messages are on point	
Constructive arguments	

Actions

- [x] Set up more issues
- [x] Have clearer sprint goals
- [x] Minimum one break before and after lunch, for leg stretching and carrot eating (Elton)

Sprint 3

Review

Has been done

- All that was planed

Has not been done

- Ethereum testing

Work that has been added

- Ethereum testing
- Setup Postman

Work removed

- `null`

Sprint 4

Goals

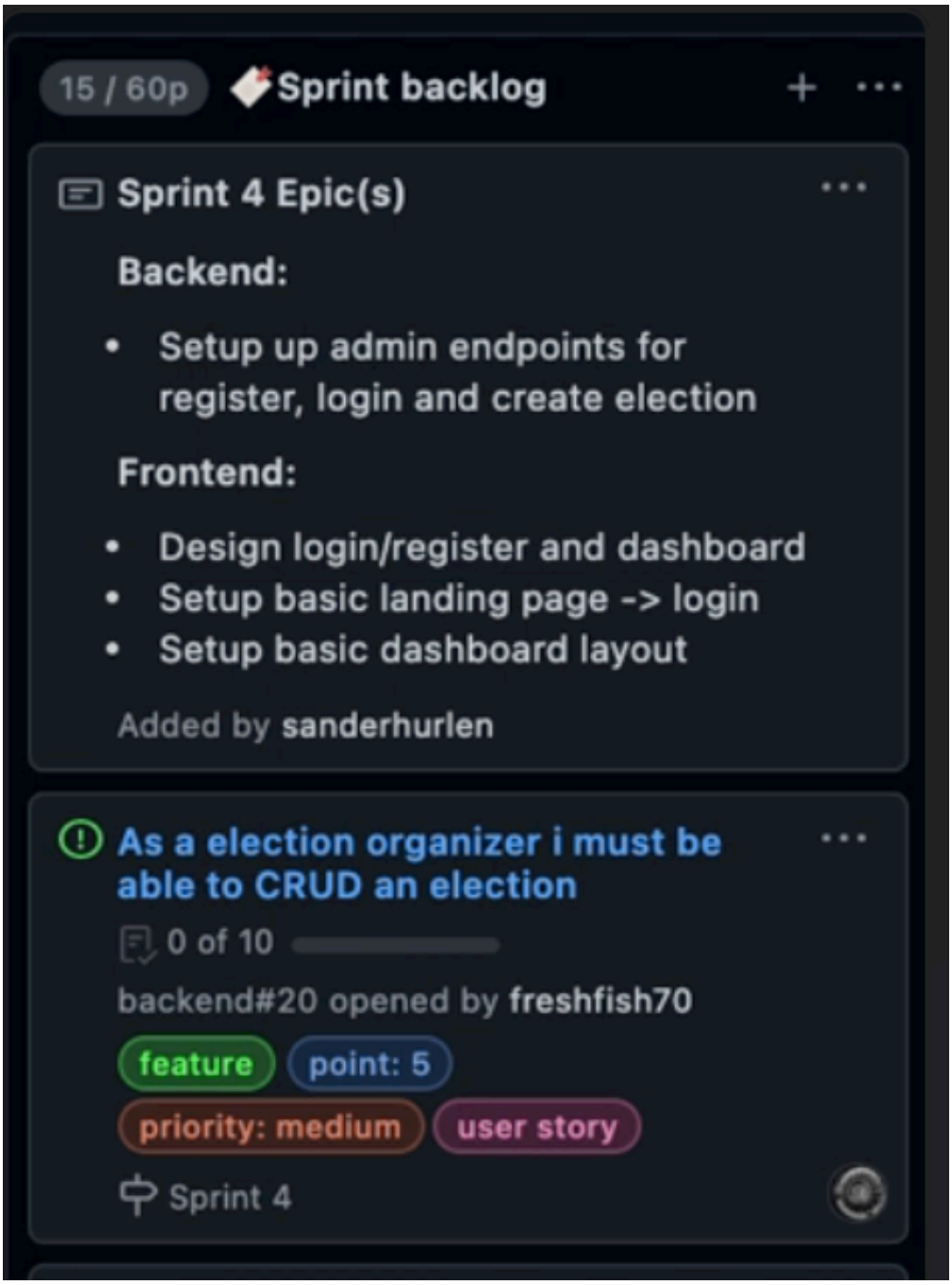
Backend:

- Setup up admin endpoints for register, login and create election

Frontend:

- Design login/register and dashboard
- Setup basic landing page -> login
- Setup basic dashboard layout

Sprint backlog



Set up Postman

1 of 5

org#36 opened by **spiftire**

infastructure | point: 1 | priority: medium

Sprint 4

Add PWA

frontend#26 opened by **spiftire**

point: 1 | priority: high

Sprint 4

Setup database layer

0 of 2

backend#13 opened by **freshfish70**

feature | infastructure | point: 3 | priority: high

Sprint 4

Plan data models

backend#23 opened by **freshfish70**

documentation | point: 8 | priority: high | research

Sprint 4

Setup Oak for HTTP Server

0 of 4

backend#15 opened by **freshfish70**

feature | infastructure | point: 5 | priority: high

Sprint 4

Create communication diagrams

0 of 3

backend#24 opened by **freshfish70**

documentation | point: 2 | priority: high | research

Sprint 4

As a election organizer I must be able to register an account

0 of 4

backend#19 opened by **freshfish70**

feature | point: 5 | priority: medium | user story

Sprint 4

As a vote organizer i must be able to login

0 of 5

frontend#27 opened by **freshfish70**

feature | point: 8 | priority: medium | user story

Sprint 4

Decide on theme

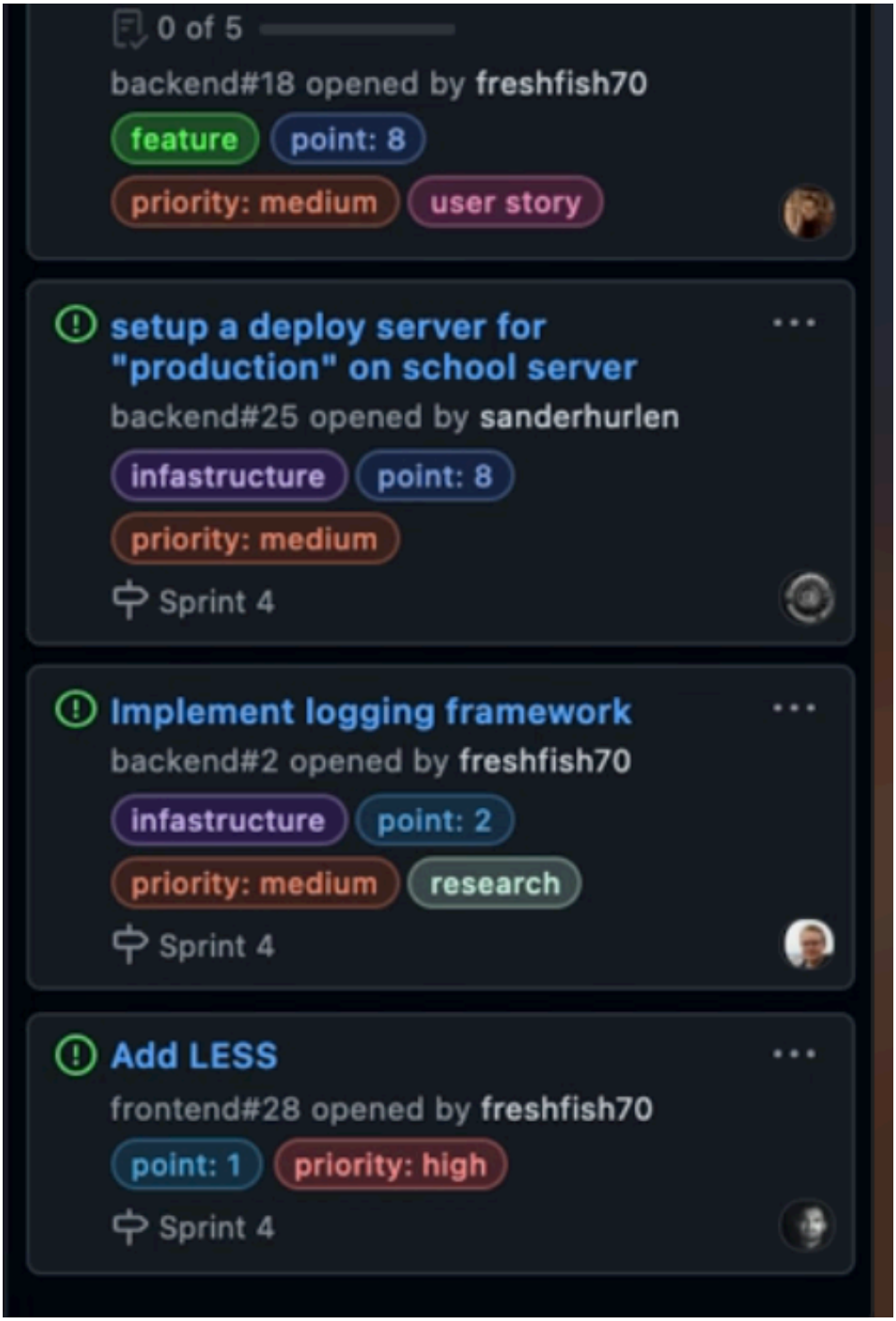
0 of 5

frontend#32 opened by **sanderhurlen**

point: 3 | priority: medium

Sprint 4

As an election organizer I must be able to authenticate


0 of 5
backend#18 opened by freshfish70
feature
point: 8
priority: medium
user story
setup a deploy server for "production" on school server
backend#25 opened by sanderhurlen
infastructure
point: 8
priority: medium
Sprint 4
Implement logging framework
backend#2 opened by freshfish70
infastructure
point: 2
priority: medium
research
Sprint 4
Add LESS
frontend#28 opened by freshfish70
point: 1
priority: high
Sprint 4

Sprint 4

Date: 29/01/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Problem solving and peer helping	Coordination
Good progress	
Constructive discussions	
The cheer when someone manages to fix issues	

Actions

- [x] Minimum one break before and after lunch, for leg stretching.
- [ ] Minimum one test before starting to code on issue
- [ ] Stick to task, add issues

Sprint 4

Review

- This sprint has led to backend folder structure to become a mess - needs re organization
- Agree to change environement to NodeJS because of to few libraries on Deno and with poor suport.
- Some PR requests is still standing due to structure change
    - Complete all tasks before porting to NodeJS architecture
    - Makes it easier to port

Has been done

- Most tasks were finished

Has not been done

Tasks has not been finished due to time used on other issues, regarding Deno and frameworks - compability.

- Communication diagrams
- Decide on theme

Work that has been added

- No tasks were added

Work removed

- No tasks were removed

Sprint 5

Num of points: 44

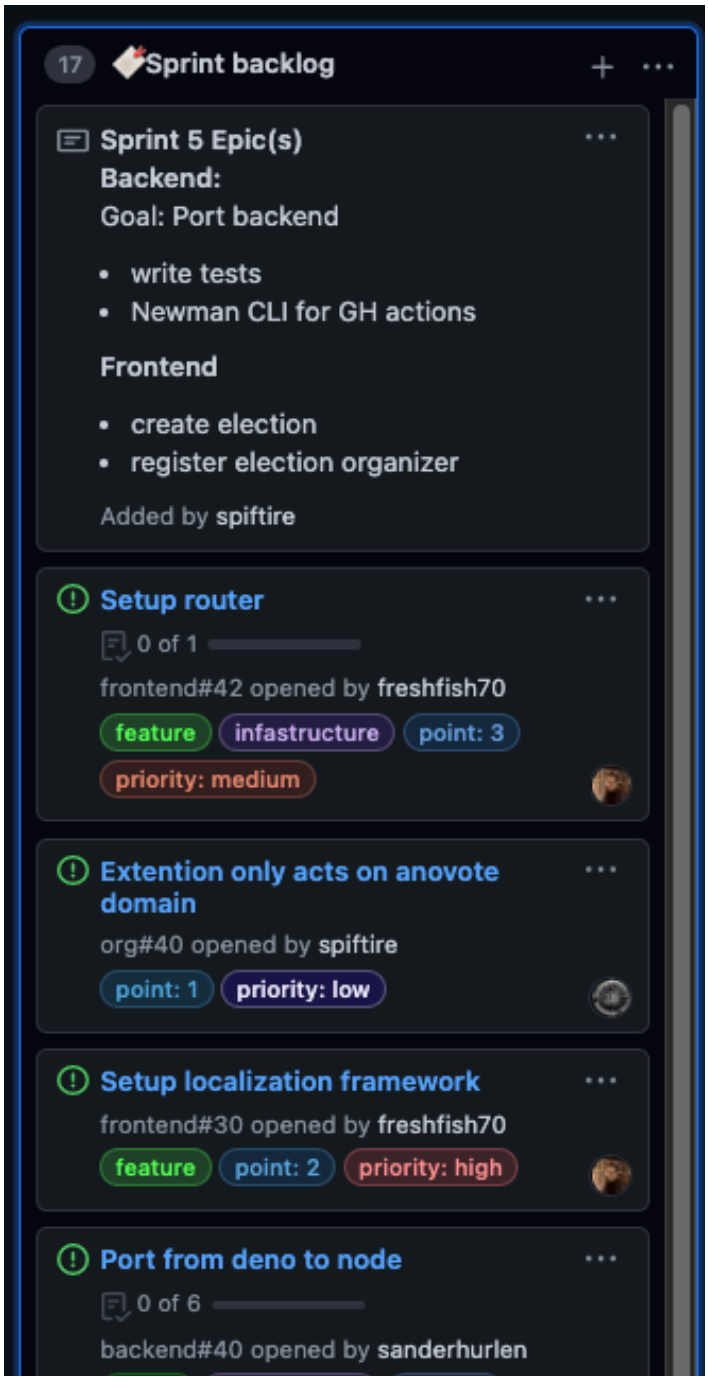
Plan

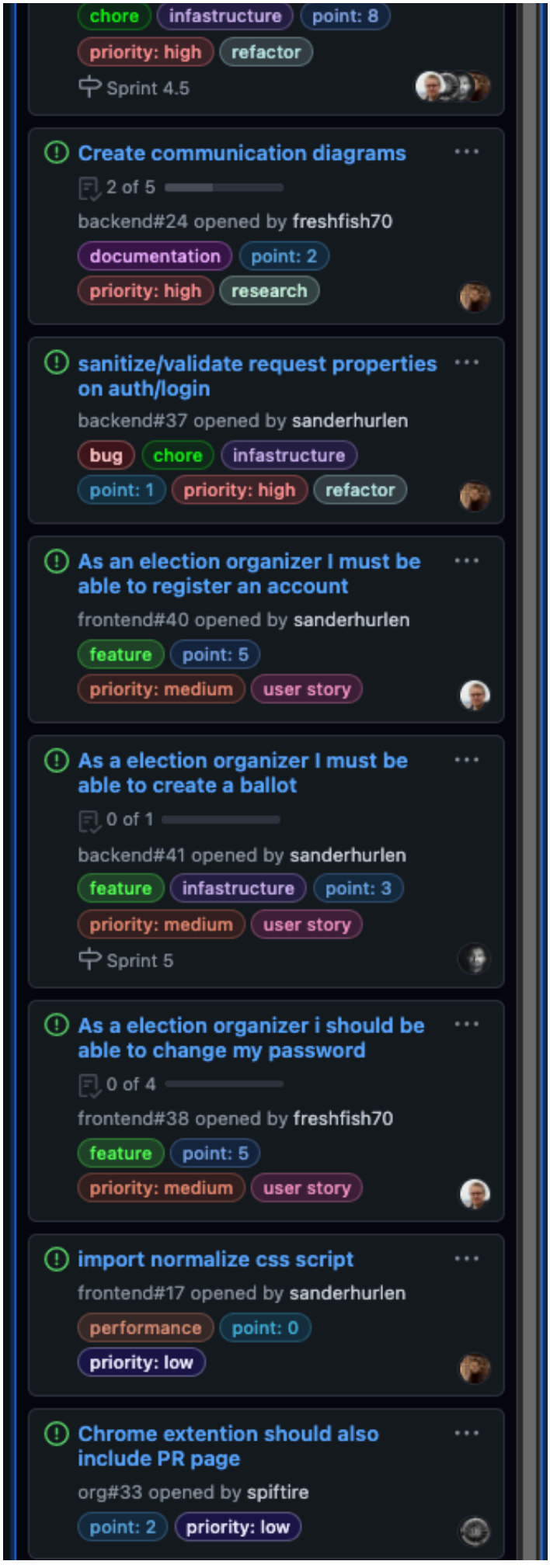
Backend: Goal: Port backend

- write tests
- Newman CLI for GH actions

Frontend

- create election
- register election organizer




chore
infastructure
point: 8
priority: high
refactor
Sprint 4.5
Create communication diagrams
2 of 5
backend#24 opened by freshfish70
documentation
point: 2
priority: high
research
sanitize/validate request properties on auth/login
backend#37 opened by sanderhurlen
bug
chore
infastructure
point: 1
priority: high
refactor
As an election organizer I must be able to register an account
frontend#40 opened by sanderhurlen
feature
point: 5
priority: medium
user story
As a election organizer I must be able to create a ballot
0 of 1
backend#41 opened by sanderhurlen
feature
infastructure
point: 3
priority: medium
user story
Sprint 5
As a election organizer i should be able to change my password
0 of 4
frontend#38 opened by freshfish70
feature
point: 5
priority: medium
user story
import normalize css script
frontend#17 opened by sanderhurlen
performance
point: 0
priority: low
Chrome extention should also include PR page
org#33 opened by spiftire
point: 2
priority: low

Express should specify what type of requests it is allowed to receive
0 of 2
backend#33 opened by spiftire
infastructure
point: 2
priority: medium
Logger must check folder structure
backend#31 opened by spiftire
bug
point: 2
priority: medium
As a election organizer I must be able to add candidates to a ballot
backend#42 opened by sanderhurlen
feature
point: 3
priority: medium
user story
Decide on theme
1 of 5
frontend#32 opened by sanderhurlen
point: 3
priority: medium
Tidy folder structure
0 of 7

Sprint 5

Date: 12/02/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Porting from deno to node went very well. This week has sort of had two seperate sprints, but we worked through it.	take breaks more often, still
Handling discussion the next day instead of same day, last hours, was a very effective decision.	
Starting the day 08.00 has boosted our work spirit	

Actions

- [x] Take more breaks.
- [x] Communicate early if you are not able to finish tasks
- [x] Stick to task, add issues
- [x] Set up issues channel with communication reminders

Sprint 5

Review

Has been done

- All porting from deno to node
- **All of sprint 5 tasks, except** some

Has not been done

- issue /frontend/32 - decide on theme
    - Very difficult to finish before everyone agrees on a specific theme
- issue 42 - As an election organizer I must be able to add candidates to ballot
    - Other tasks took a long time. Especially backend related tasks with porting to node from deno
- issue 38 (in progress, branch exists) - As a election organiser i should be able to change my password
    - Reason it was not completed, was because backend register took a longer time than expected,

Work that has been added

- Github Actions with deploy server
- Port GitHub actions to node

Work removed

-

Sprint 6

Num of points: 57p (8p shared across 4 persons - presentation oblig)

Plan

Design: most of pages for admin, i.e. elections, create election, ballot, login/regsiter, main theme

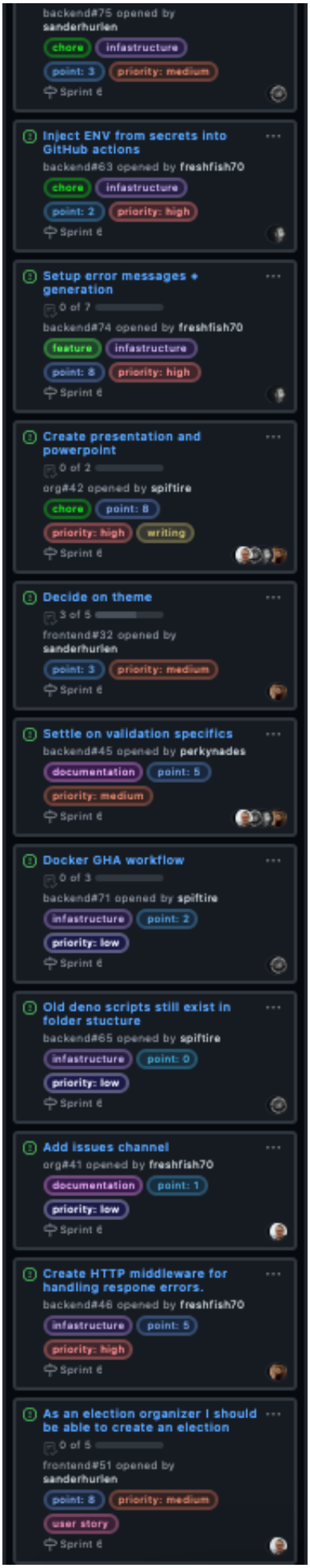
Backend: Goal: Error handling

- Error handling as middleware
- test endpoints
- unit tests
- Validation of entities. Decide on constraints

Frontend

- unit tests
- Getting design ready to be implemented

16 / 57p
Sprint backlog
Sprint 6
Get oblig done
Frontend
Getting design ready for most admin pages
Unit tests
Backend
Error handling
Test endpoints
Unit tests
Validation of entities
Decide on constraints
Added by spiftire
Send mail to Arne with followup information from last meeting
0 of 4
org#44 opened by sanderhurlen
chore
point: 0
priority: high
Sprint 6
As an electionorganizer i must be able to change my password
0 of 3
backend#73 opened by freshfish70
feature
point: 2
priority: high
user story
Sprint 6
As a election organizer i should be able to change my password
0 of 4
frontend#38 opened by freshfish70
feature
point: 2
priority: medium
user story
Sprint 6
Design pages for admin website
0 of 5
org#43 opened by sanderhurlen
design
point: 8
priority: medium
Sprint 6
Add logging middleware
0 of 2
backend#75 opened by sanderhurlen
chore
infastructure
point: 3
priority: medium
Sprint 6
Inject ENV from secrets into GitHub actions
backend#63 opened by freshfish70
chore
infastructure
point: 2
priority: high
Sprint 6
Setup error messages + generation
0 of 7
backend#74 opened by freshfish70
feature
infastructure
point: 8
priority: high
Sprint 6
Create presentation and powerpoint
0 of 2
org#42 opened by spiftire
chore
point: 8
priority: high
writing
Sprint 6


backend#75 opened by sanderhurlen
chore
infastructure
point: 3
priority: medium
Sprint 6
Inject ENV from secrets into GitHub actions
backend#63 opened by freshfish70
chore
infastructure
point: 2
priority: high
Sprint 6
Setup error messages + generation
0 of 7
backend#74 opened by freshfish70
feature
infastructure
point: 8
priority: high
Sprint 6
Create presentation and powerpoint
0 of 2
org#42 opened by spiftire
chore
point: 8
priority: high
writing
Sprint 6
Decide on theme
3 of 5
frontend#32 opened by sanderhurlen
point: 3
priority: medium
Sprint 6
Settle on validation specifics
backend#45 opened by perkynades
documentation
point: 5
priority: medium
Sprint 6
Docker GHA workflow
0 of 3
backend#71 opened by spiftire
infastructure
point: 2
priority: low
Sprint 6
Old deno scripts still exist in folder stucture
backend#65 opened by spiftire
infastructure
point: 0
priority: low
Sprint 6
Add issues channel
org#41 opened by freshfish70
documentation
point: 1
priority: low
Sprint 6
Create HTTP middleware for handling respone errors.
backend#46 opened by freshfish70
infastructure
point: 5
priority: high
Sprint 6
As an election organizer I should be able to create an election
0 of 5
frontend#51 opened by sanderhurlen
point: 8
priority: medium
user story
Sprint 6

Sprint 6

Date: 19/02/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Productive week	Helping eachother when we procrastinate
Very good team spirit	Task distribution
Good problem solving	
Adding tasks to sprint as work got done	
Good collaboration	
WE meet up to "work" every day 08.00	
We have had a lot of refactoring and bugs fixing	

Actions

- [x] Distribute tasks more evenly
- [x] Follow GitHub Actions checks when publishing your pr
- [x] Plan for Sjusjøen trip
  - [ ] 🍱🍔
  - [ ] 🍷
  - [ ] 🍻
  - [ ] 🎿
  - [ ] 📺
- [ ] Stretching once an hour

Sprint 6

Date: 19.02.2021

Review

Has been done

- Almost everything, except:

Has not been done

- As an election organizer I should be able to create an election #51
- Create presentation and powerpoint #42

Work that has been added

- Updates and create query have fatal errors #91
- Fix test db host #70
- Backend should have rate limit to avoid spamming of DB #59
- Designs should include fields for #47
- Implement cSpell github action #45
- Designs should have missing fields in election #87

Work removed

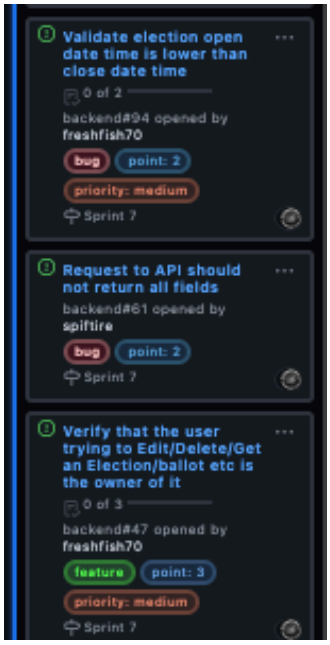
- None

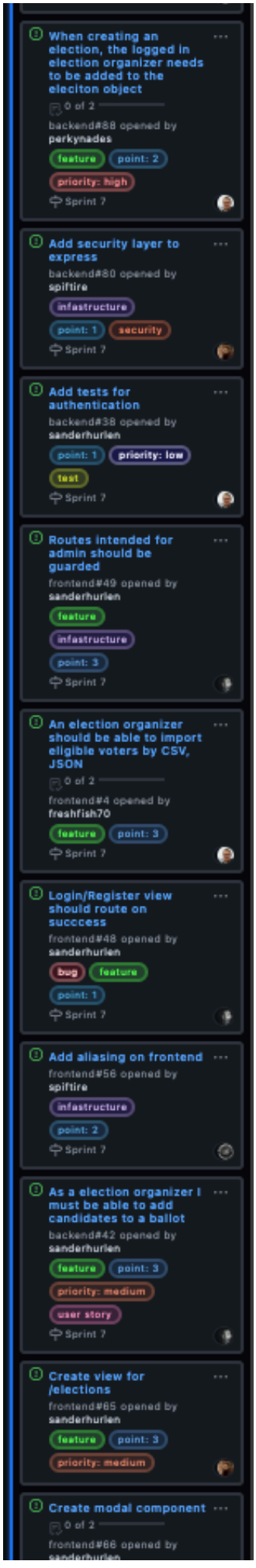
Sprint 7

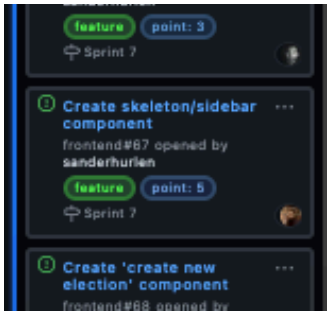
Num of points: 87p (-8p group task)

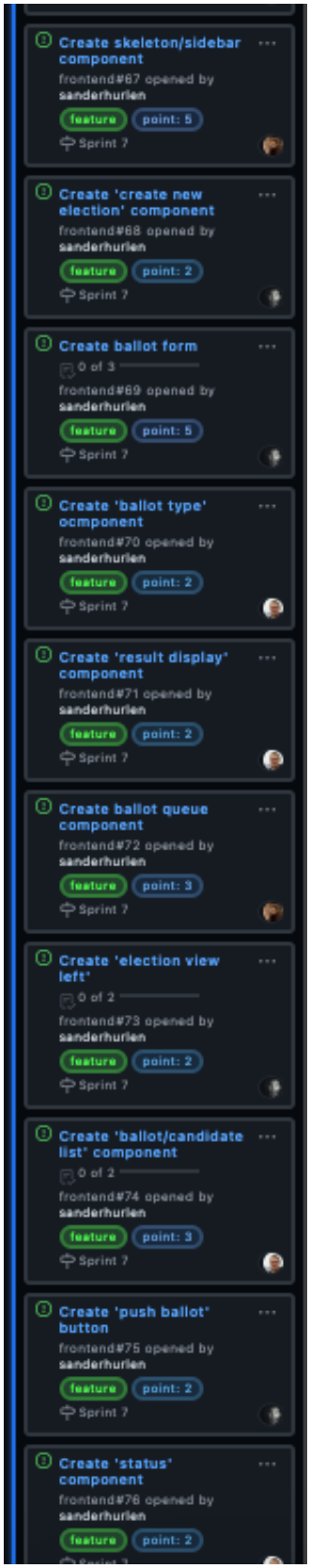
Plan

-
on design theme for application
0 of 28
frontend#84 opened by sanderhurlien
chore
point: 2
Sprint 7
Create switch component based on design
0 of 2
frontend#82 opened by sanderhurlien
chore
point: 1
Sprint 7
Create image upload component based on design
0 of 3
frontend#81 opened by sanderhurlien
chore
point: 3
Sprint 7
An election should include fields with authentication and verification options
backend#86 opened by sanderhurlien
feature
infastructure
point: 1
priority: medium
Sprint 7
Create components for text input based on design
0 of 2
frontend#80 opened by sanderhurlien
chore
point: 1
priority: medium
Sprint 7
Validate election open date time is lower than close date time
0 of 2
backend#94 opened by freshfish70
bug
point: 2
priority: medium
Sprint 7


Validate election open date time is lower than close date time
0 of 2
backend#94 opened by freshfish70
bug
point: 2
priority: medium
Sprint 7
Request to API should not return all fields
backend#61 opened by spiftire
bug
point: 2
Sprint 7
Verify that the user trying to Edit/Delete/Get an Election/ballot etc is the owner of it
0 of 3
backend#47 opened by freshfish70
feature
point: 3
priority: medium
Sprint 7


When creating an election, the logged in election organizer needs to be added to the eleciton object
0 of 2
backend#88 opened by perkynades
feature
point: 2
priority: high
Sprint 7
Add security layer to express
backend#80 opened by spiftire
infastructure
point: 1
security
Sprint 7
Add tests for authentication
backend#38 opened by sanderhurlen
point: 1
priority: low
test
Sprint 7
Routes intended for admin should be guarded
frontend#49 opened by sanderhurlen
feature
infastructure
point: 3
Sprint 7
An election organizer should be able to import eligible voters by CSV, JSON
0 of 2
frontend#4 opened by freshfish70
feature
point: 3
Sprint 7
Login/Register view should route on success
frontend#48 opened by sanderhurlen
bug
feature
point: 1
Sprint 7
Add aliasing on frontend
frontend#56 opened by spiftire
infastructure
point: 2
Sprint 7
As a election organizer I must be able to add candidates to a ballot
backend#42 opened by sanderhurlen
feature
point: 3
priority: medium
user story
Sprint 7
Create view for /elections
frontend#65 opened by sanderhurlen
feature
point: 3
priority: medium
Create modal component
0 of 2
frontend#66 opened by sanderhurlen


feature
point: 3
Sprint 7
Create skeleton/sidebar component
frontend#67 opened by sanderhurlen
feature
point: 5
Sprint 7
Create 'create new election' component


Create skeleton/sidebar component
frontend#67 opened by sanderhurlen
feature
point: 5
Sprint 7
Create 'create new election' component
frontend#68 opened by sanderhurlen
feature
point: 2
Sprint 7
Create ballot form
0 of 3
frontend#69 opened by sanderhurlen
feature
point: 5
Sprint 7
Create 'ballot type' ocmponent
frontend#70 opened by sanderhurlen
feature
point: 2
Sprint 7
Create 'result display' component
frontend#71 opened by sanderhurlen
feature
point: 2
Sprint 7
Create ballot queue component
frontend#72 opened by sanderhurlen
feature
point: 3
Sprint 7
Create 'election view left'
0 of 2
frontend#73 opened by sanderhurlen
feature
point: 2
Sprint 7
Create 'ballot/candidate list' component
0 of 2
frontend#74 opened by sanderhurlen
feature
point: 3
Sprint 7
Create 'push ballot' button
frontend#75 opened by sanderhurlen
feature
point: 2
Sprint 7
Create 'status' component
frontend#76 opened by sanderhurlen
feature
point: 2

Sprint 7

Date: 26/02/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Distribution of tasks per group member	We overestimated out sprint
Great team spirit	No finished product to show
Everyone wants to create something with quality, not rushing through their tasks	Make sure to utilize our prioritization
Assisting others when we need help or are in a rabbit hole	
We are great at looking into others PR even when we have a lot to do	

Actions

- [x] Take breaks (go skiing, take a walk)
- [x] Drink a beer
- [x] Eat dinner together
- [x] Make sure we use our prioritization of tasks in backlog

Sprint 7

Date: 26.02.2021

Review

Has been done

- 87 - 25p

Has not been done

- Create image upload component based on design #61
- Create presentation and powerpoint #42
- Create presentation and powerpoint #42
- An election should include fields with authentication and verification options #86
- An election organizer should be able to import eligible voters by CSV, JSON #4
- Request to API should not return all fields #61
- As a election organizer I must be able to add candidates to a ballot #42
- Create ballot form #69

In progress:

- Create 'election view left' #73
- Create ballot queue component #72

Reasons why we have not been able to complete the sprint

- A lot of tasks, we knew this from the start.
- Many things to get an understanding of before actually starting on a task.
- Things take time. Not evrything is implemented
- We have not rushed anything, taking the time to implement

Work that has been added

- None

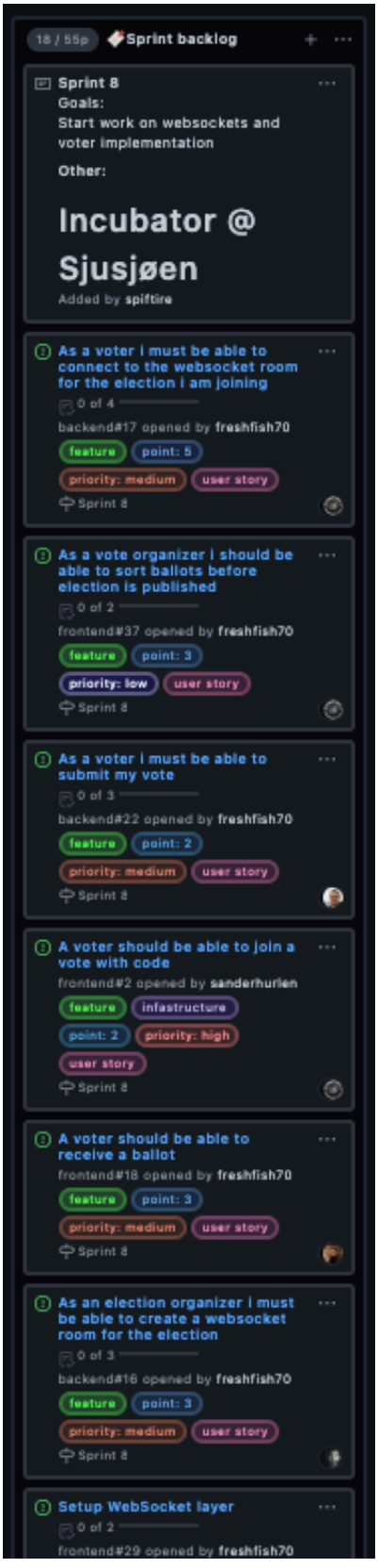
Work removed

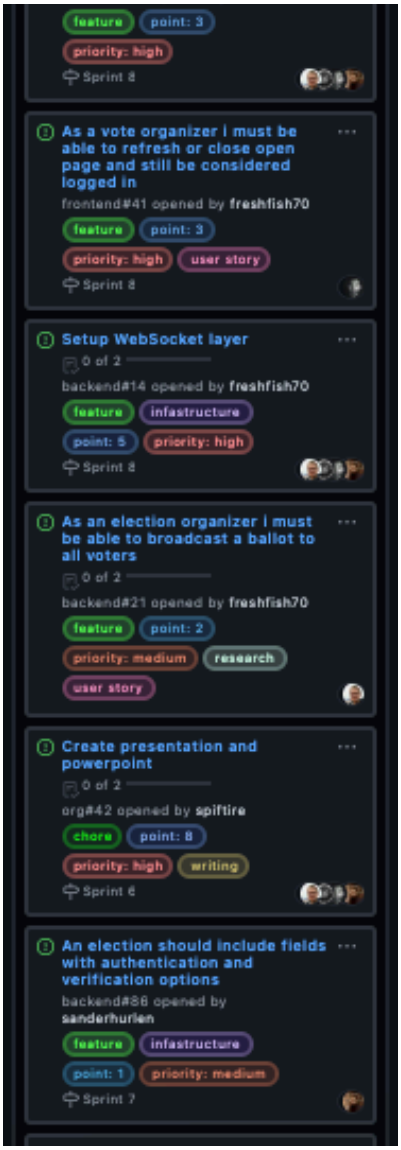
- None

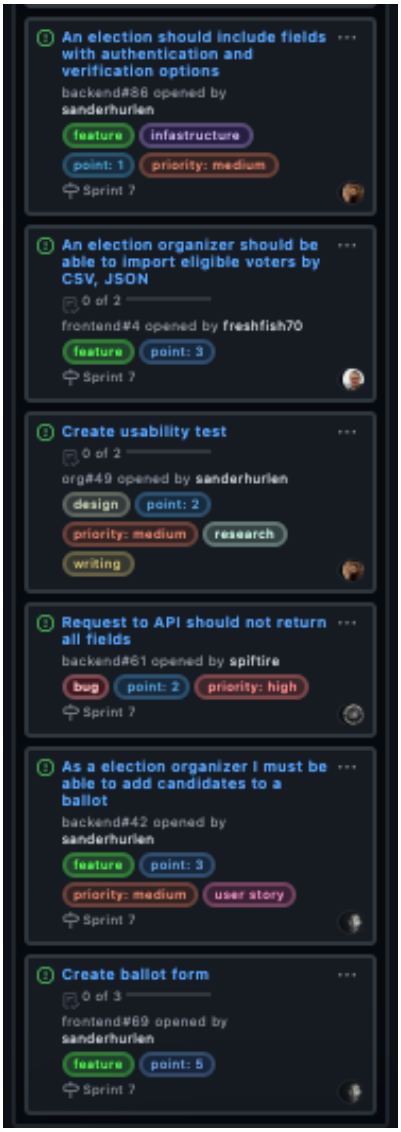
Sprint 8

Num of points: 55p

Plan




feature
point: 3
priority: high
Sprint 8
As a vote organizer i must be able to refresh or close open page and still be considered logged in
frontend#41 opened by freshfish70
feature
point: 3
priority: high
user story
Sprint 8
Setup WebSocket layer
0 of 2
backend#14 opened by freshfish70
feature
infastructure
point: 5
priority: high
Sprint 8
As an election organizer i must be able to broadcast a ballot to all voters
0 of 2
backend#21 opened by freshfish70
feature
point: 2
priority: medium
research
user story
Create presentation and powerpoint
0 of 2
org#42 opened by spiftire
chore
point: 8
priority: high
writing
Sprint 8
An election should include fields with authentication and verification options
backend#86 opened by sanderhurlen
feature
infastructure
point: 1
priority: medium
Sprint 7


An election should include fields with authentication and verification options
backend#86 opened by sanderhurlen
feature
infastructure
point: 1
priority: medium
Sprint ?
An election organizer should be able to import eligible voters by CSV, JSON
0 of 2
frontend#4 opened by freshfish70
feature
point: 3
Sprint ?
Create usability test
0 of 2
org#49 opened by sanderhurlen
design
point: 2
priority: medium
research
writing
Request to API should not return all fields
backend#61 opened by spiftire
bug
point: 2
priority: high
Sprint ?
As a election organizer I must be able to add candidates to a ballot
backend#42 opened by sanderhurlen
feature
point: 3
priority: medium
user story
Sprint ?
Create ballot form
0 of 3
frontend#69 opened by sanderhurlen
feature
point: 5
Sprint ?

Sprint 8

Date: 05/03/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Incubator	Order of tasks
Sociallizing	
Skiing	
Coding while on "vacation"	

Actions

- [x] Stretching once an hour
- [ ]

Sprint 8

Date: 05/03/2021

Review

Has been done

- 15p(from sprint 8)
- 25p(from sprint 7 moved to 8)
- Total 40p

Has not been done

in progress

- A voter should be able to receive a ballot #18
- As an election organizer i must be able to broadcast a ballot to all voters #21
- As a voter i must be able to connect to the websocket room for the election i am joining #17

Backlog

- A voter should be able to join a vote with code #2
- As an election organizer i must be able to create a websocket room for the election #16

Work that has been added

- Bugfix/test setup #117
- spell check github actions #101
- setup linter #109

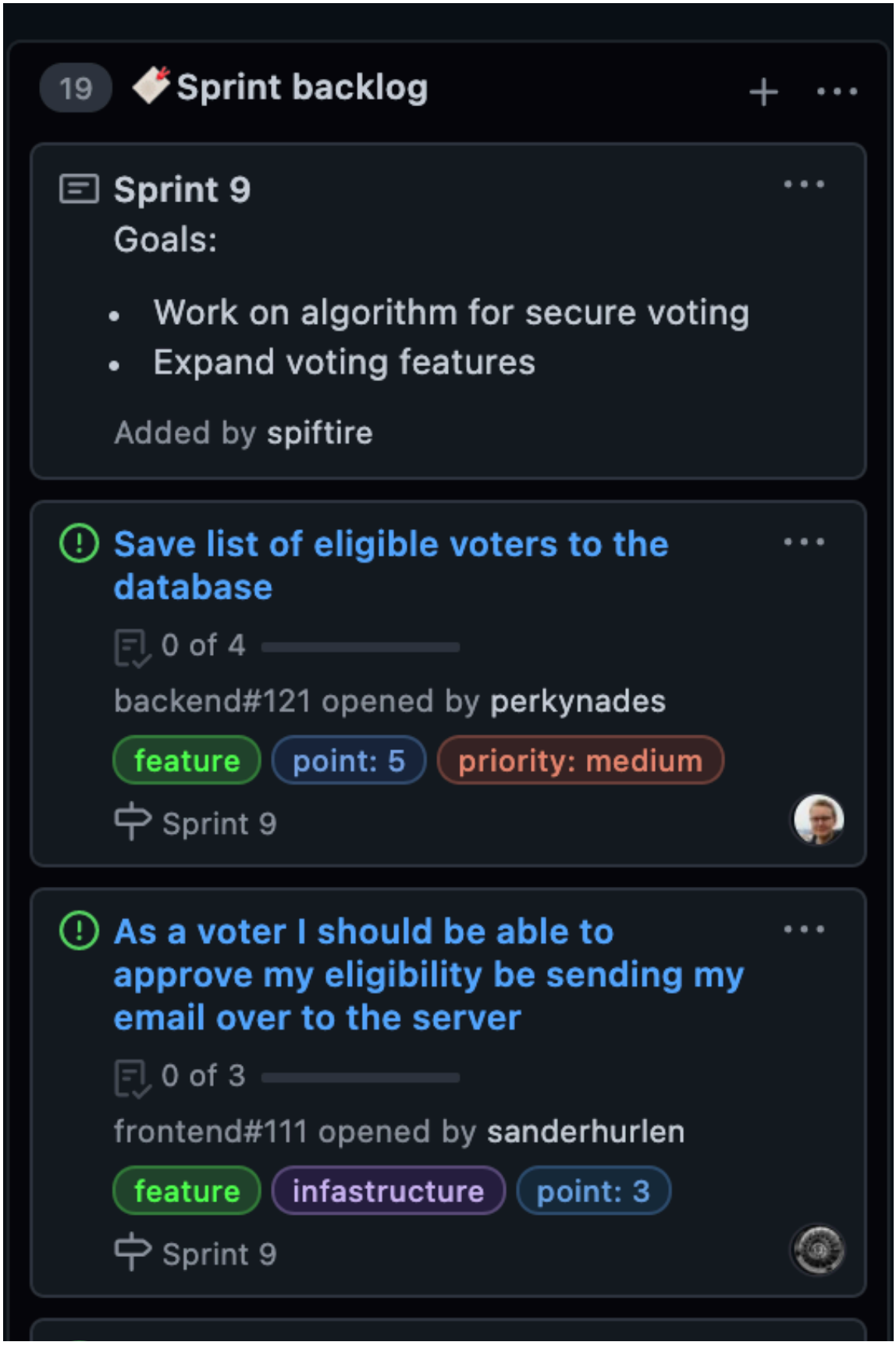
Work removed

- Create image upload component based on design #61

Sprint 9

Num of points: 54p

Plan



As a voter I should be able enter my joining code I got on my mail

0 of 6

frontend#112 opened by sanderhurlen

feature infastructure point: 3

Sprint 9

As a voter I should be able to verify my eligibility for an election

0 of 3

backend#122 opened by sanderhurlen

feature infastructure point: 3

Sprint 9

When a voter is eligible for an election, the server should send a email verification to the voter for joining the election

0 of 3

backend#123 opened by sanderhurlen

feature infastructure point: 8

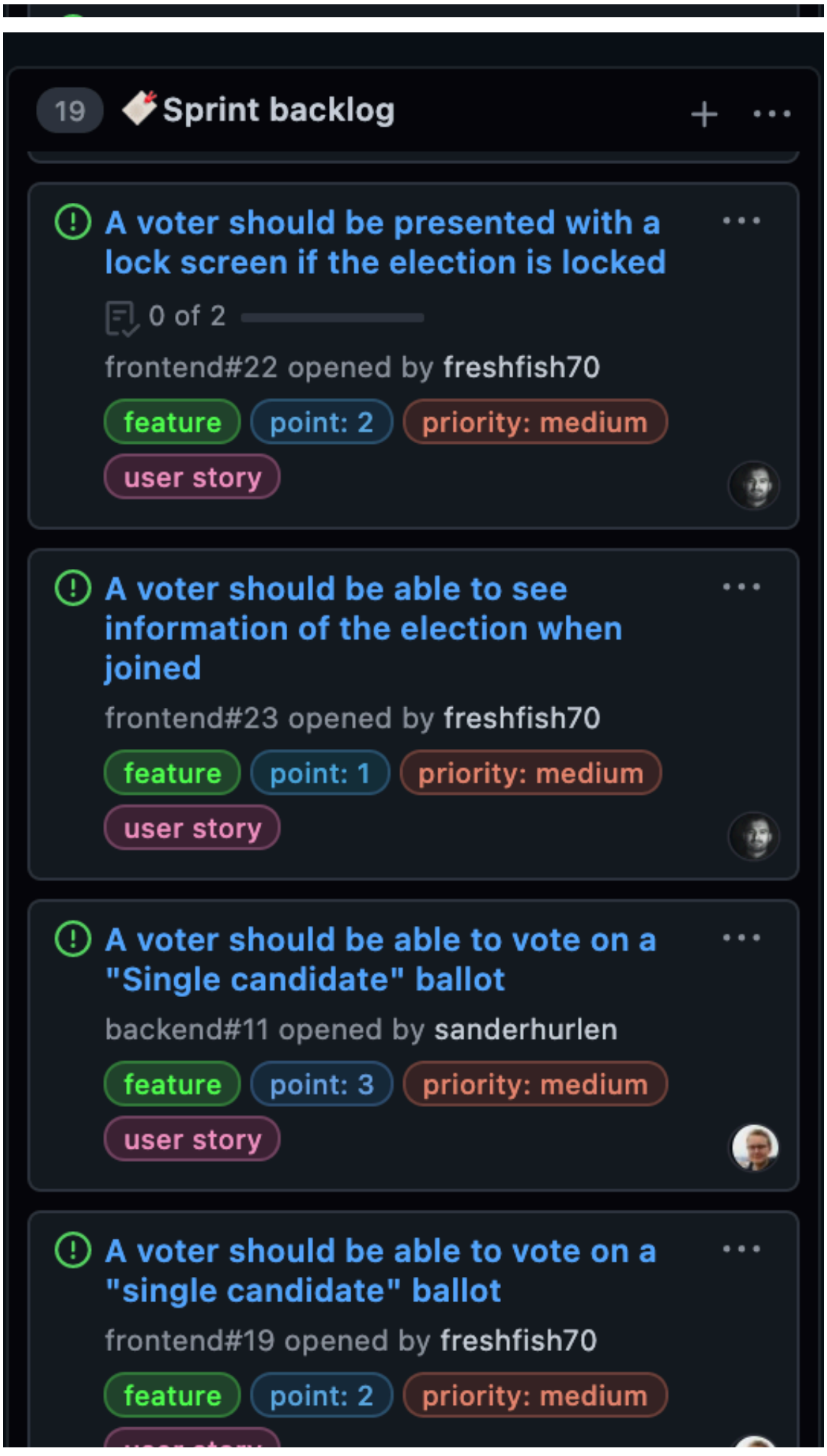
Sprint 9

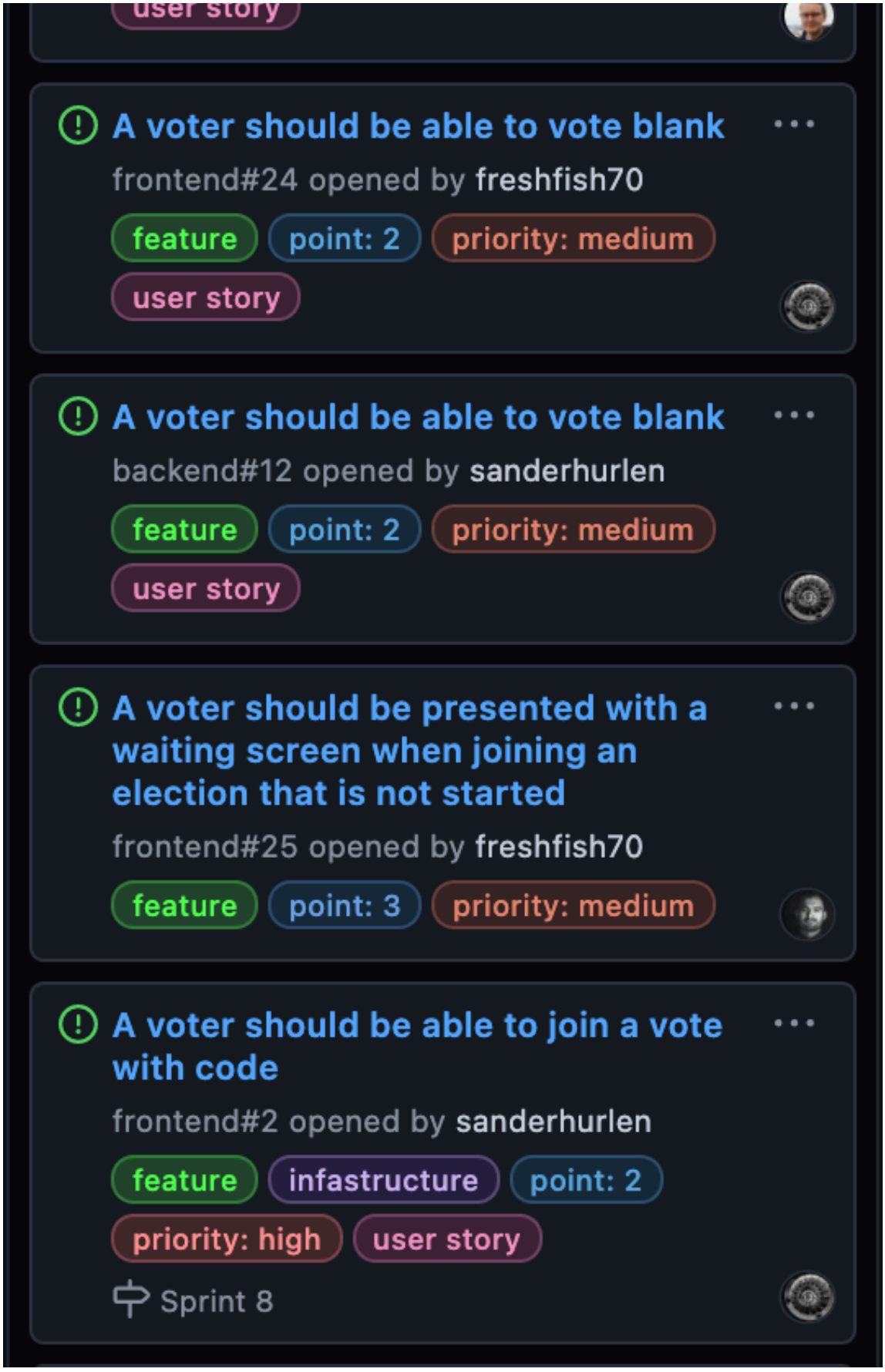
Create diagram for election states/events

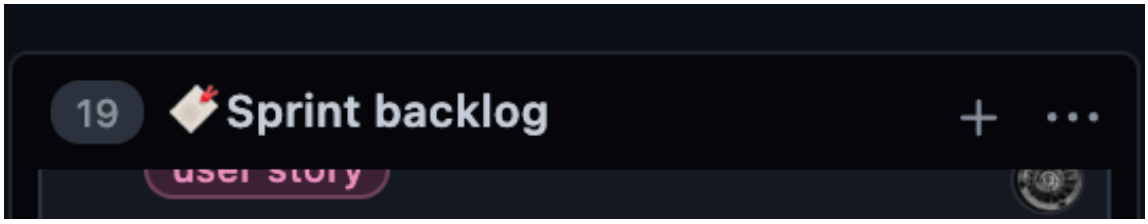
org#50 opened by sanderhurlen

discussion point: 2

Sprint 9


19
Sprint backlog
A voter should be presented with a lock screen if the election is locked
0 of 2
frontend#22 opened by freshfish70
feature
point: 2
priority: medium
user story
A voter should be able to see information of the election when joined
frontend#23 opened by freshfish70
feature
point: 1
priority: medium
user story
A voter should be able to vote on a "Single candidate" ballot
backend#11 opened by sanderhurlen
feature
point: 3
priority: medium
user story
A voter should be able to vote on a "single candidate" ballot
frontend#19 opened by freshfish70
feature
point: 2
priority: medium


user story
A voter should be able to vote blank
frontend#24 opened by freshfish70
feature
point: 2
priority: medium
user story
A voter should be able to vote blank
backend#12 opened by sanderhurlen
feature
point: 2
priority: medium
user story
A voter should be presented with a waiting screen when joining an election that is not started
frontend#25 opened by freshfish70
feature
point: 3
priority: medium
A voter should be able to join a vote with code
frontend#2 opened by sanderhurlen
feature
infastructure
point: 2
priority: high
user story
Sprint 8


19
Sprint backlog
user story

A voter should be able to vote blank

backend#12 opened by sanderhurlen

feature point: 2 priority: medium user story

A voter should be presented with a waiting screen when joining an election that is not started

frontend#25 opened by freshfish70

feature point: 3 priority: medium

A voter should be able to join a vote with code

frontend#2 opened by sanderhurlen

feature infastructure point: 2 priority: high user story

Sprint 8

As an election organizer i must be able to create a websocket room for the election

0 of 3

backend#16 opened by freshfish70

feature point: 3 priority: medium user story

Sprint 8

As a voter i must be able to connect to the websocket room for the election i am joining

1 of 4

backend#17 opened by freshfish70

feature point: 5 priority: medium user story

Sprint 8

A voter should be able to receive a ballot

frontend#18 opened by freshfish70

feature point: 3 priority: medium user story

Sprint 8

As an election organizer i must be able to broadcast a ballot to all voters

0 of 2

backend#21 opened by freshfish70

feature point: 2 priority: medium

Sprint 9

Date: 12/03/2020

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Been able to pass tasks around dynamically	More irritated due to exhaustion
Kept daily structure	Many tired faces. Might be reaction after incubator
Manage to get through sprint backlog	Large workload last few weeks
	Underestimated the tasks complexity
	Forgot to include tests as part of task complexity

Actions

- [x] Take time off project to focus on the exam / other things for next week
- [x] Less points for the next weeks
- [ ] Include tests as part of task estimation

Sprint 9

Date: 12/03/2021

Review

Has been done

- Total 44p

Has not been done

- 10p
- A voter should be able to vote blank #24
- A voter should be able to vote on a "single candidate" ballot #19
- A voter should be able to vote on a "Single candidate" ballot #11
- A voter should be able to receive a ballot #18

Work that has been added

- MinDate constraint throws error, even when open and close dates are correct #125
- Localization support #118
- Fix missing keys error #113

Work removed

- none

Sprint 10

Plan

-

Sprint 10

Date: 19/03/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
It has been possible to solve tasks even when we have worked from home	stick to routine with having standups 12.00 every day, even though we work from home or school
Nice to have a week with less focus on the project	Let the task take their time. Make a clear plan of to approach a task

Actions

- [ ] Prepare for exam. 📚
- [ ] Arrange daily standup everyday, even if some are working from home

Sprint 10

Date: 19/03/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Review

Has been done

- Everything else not listed below

Has not been done

- As an election organizer i must be able to see live vote result of ballots #121
- A voter should be able to vote on a "single candidate" ballot #19
-

Work that has been added

-

Work removed

- A Election organizer should be able to handle an election result #5 - Blocked by #121

Sprint 11

Date: 19/03/2021

Plan

6 / 9p
Sprint backlog
Sprint 11
Goals:
Torsdag -> Eksamen
Pizza party @ Steffen 24. Mars!
Added by spiftire
Comment out unused or unimplemented components
frontend#140 opened by spiftire
bug
chore
point: 1
As an election organizer I should be able to see all my elections
frontend#139 opened by sanderhurlen
feature
point: 1
Fix fullscreen scroll bug
frontend#137 opened by sanderhurlen
bug
point: 1
Redirect
0 of 2
frontend#138 opened by spiftire
feature
point: 1
priority: high
As an organizer i should be able to join the websocket room for the election in progress
0 of 2
backend#142 opened by freshfish70
feature
point: 5

Sprint 11

Date: 26/03/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Standups every day even with exam preperations	Could have split up some tasks last night to be even more effective
Preparing for exam	
Very good job last night, preparing the MVP	
Overall good collaboration in a busy week. Reached our goal	

Actions

- [ ] Happy easter 🐣
- [ ] Eat some candy 🍬🍭
- [ ] Keep in touch with the group

Sprint 11

Date: 26/03/2021

Review

Has been done

- Everything + exam

Has not been done

-

Work that has been added

- Add glitter and gold #163
- the plus button on the card should add new election #153

Work removed

-

Sprint 12

Date: 26/03/2021

! EASTER

Plan

- Write more tests
    - Use react testing library instead of enzyme
    - If you manage to find some logical deficiency, there is probably already written an issue for it. Fix it.
- If you want to add more features, hear what the group has to say

Sprint 12

Date: 26/03/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve

Actions

- [ ]
- [ ]
- [ ]

Sprint 12

! This sprint was scheduled for the same week as Easter. All tasks were therefore performed on voluntary basis

Review

Has been done

- Push election to Voter when joined/verified #143
- As a voter I should be able to verify my eligibility for an election #122
- Trying to verify more than once locks voter out of election #170
- Email voter submits should not be case-sensitive #169
-

Has not been done

-

Work that has been added

-

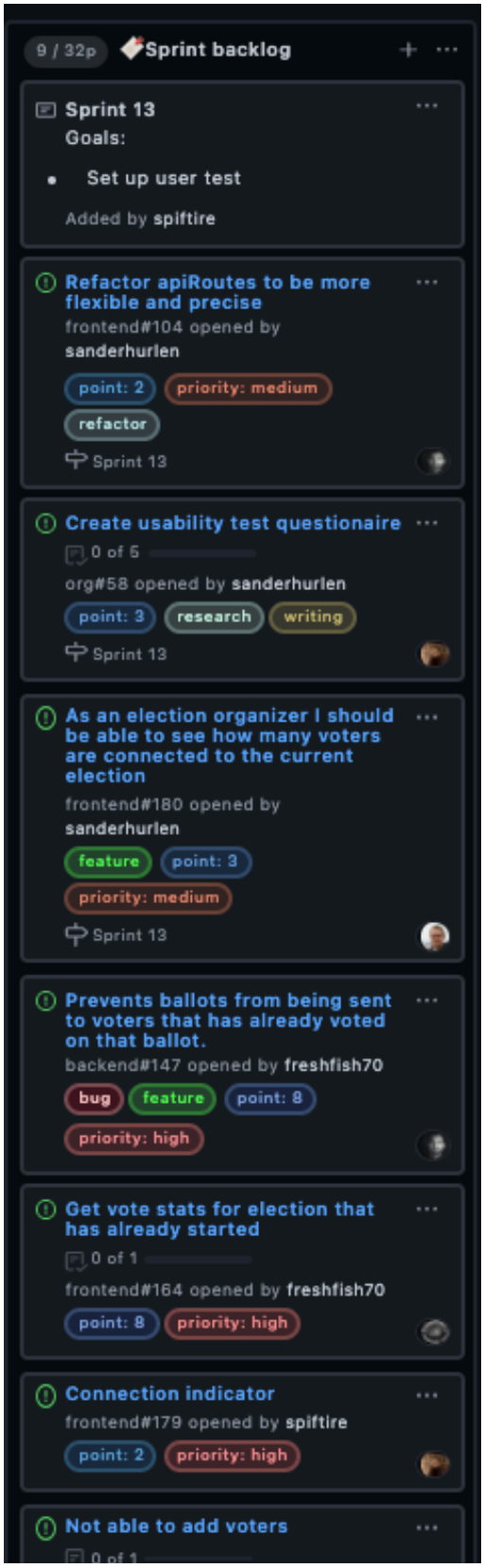
Work removed

-

Sprint 13

Date: 06.04.2021

Plan

- 

frontend#175 opened by spiftire
point: 3
priority: high
Add more checks when a vote is a submitted
0 of 4
backend#140 opened by perkynades
feature
point: 3
priority: high

Sprint 13

Date: 06/04/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Getting back to work	A bit unfamiliar to start up again after easter
Full focus on bachelor project	Could be more "online" and accessable to each other

Actions

- [x] Be more "online" and accessible to help when working over discord
- [ ]

Sprint 13

Review

Has been done

- all planned issues

Has not been done

- Get vote stats for election that has already started #164

Work that has been added

- Add voters manually and fix upload problem #184

Work removed

-

Sprint 14

Date: 09.04.2021

Plan

- Forgot to add sprint images. See milestone on repo for more info.

Sprint 14

Date: 16/04/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Got done everything we planned and more	
Good communication over discord	
Helped eachother to get done every tasks by distributing tasks around if someone did not manager	Windows could improve (Steffen ;)?)
Using live-share/discord and other tools to help eachother worked very well.	

Actions

- [x] If you create a todo in the codebase -> you must create an issue and tag it with the commit
- [ ]
- [ ]

Sprint 14

Review

Has been done

- Almost everything, except

Has not been done (yet)

- A Election organizer should be able to handle an election result #5
- Perform user test #59

Work that has been added

- Fill in/structure sections #61
- Migrate overleaf thesis document #60
- Feature/error code typing #162
- Logout styling #204
- Encapsulate voters connected component #202

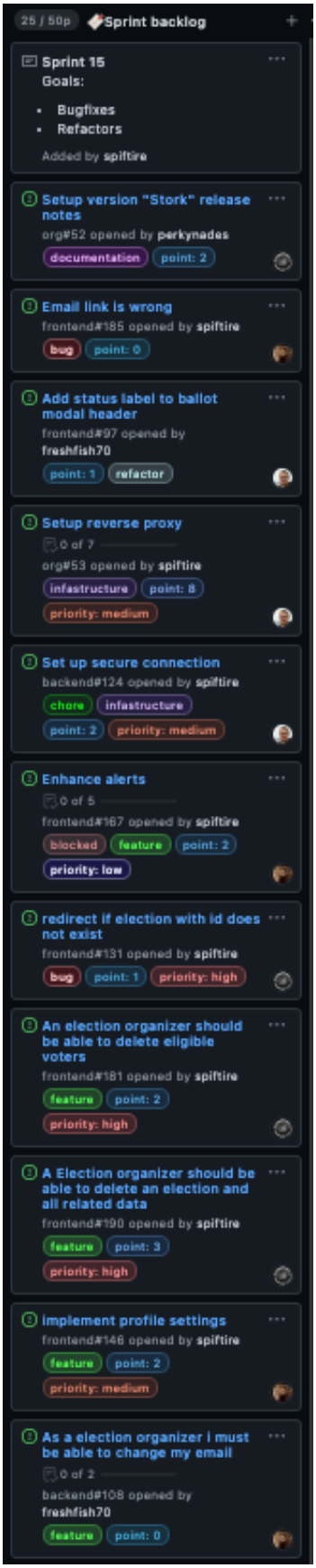
Work removed

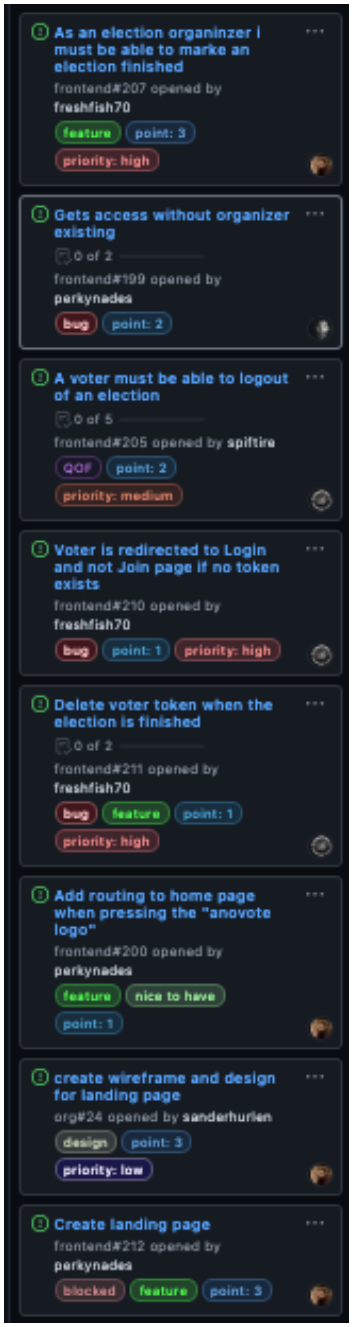
-

Sprint 15

Date: 16.04.2021

Plan


25 / 50p
Sprint backlog
Sprint 15
Goals:
Bugfixes
Refactors
Added by spiftire
Setup version "Stork" release notes
org#52 opened by perkynades
documentation
point: 2
Email link is wrong
frontend#185 opened by spiftire
bug
point: 0
Add status label to ballot modal header
frontend#97 opened by freshfish70
point: 1
refactor
Setup reverse proxy
0 of 7
org#53 opened by spiftire
infastructure
point: 8
priority: medium
Set up secure connection
backend#124 opened by spiftire
chore
infastructure
point: 2
priority: medium
Enhance alerts
0 of 5
frontend#167 opened by spiftire
blocked
feature
point: 2
priority: low
redirect if election with id does not exist
frontend#131 opened by spiftire
bug
point: 1
priority: high
An election organizer should be able to delete eligible voters
frontend#181 opened by spiftire
feature
point: 2
priority: high
A Election organizer should be able to delete an election and all related data
frontend#190 opened by spiftire
feature
point: 3
priority: high
Implement profile settings
frontend#146 opened by spiftire
feature
point: 2
priority: medium
As a election organizer I must be able to change my email
0 of 2
backend#108 opened by freshfish70
feature
point: 0


As an election organinzer i must be able to marke an election finished
frontend#207 opened by freshfish70
feature
point: 3
priority: high
Gets access without organizer existing
0 of 2
frontend#199 opened by perkynades
bug
point: 2
A voter must be able to logout of an election
0 of 5
frontend#205 opened by spiftire
QOF
point: 2
priority: medium
Voter is redirected to Login and not Join page if no token exists
frontend#210 opened by freshfish70
bug
point: 1
priority: high
Delete voter token when the election is finished
0 of 2
frontend#211 opened by freshfish70
bug
feature
point: 1
priority: high
Add routing to home page when pressing the "anovote logo"
frontend#200 opened by perkynades
feature
nice to have
point: 1
create wireframe and design for landing page
org#24 opened by sanderhurlen
design
point: 3
priority: low
Create landing page
frontend#212 opened by perkynades
blocked
feature
point: 3

Sprint 15

Date: 16/04/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Great work put in	Speed up the PR review process
High velocity	
Nice to have Christoffer & Sander back in the lab	
Good talks and collaboration	
Learned a lot	

Actions

- [ ] Speed up PR review process
- [ ] Dont code, write thesis
- [ ]

Sprint 15

Date: 23.04.2021

Review

Has been done

-

Has not been done

- Enhance alerts #167
- As an election election organinzer i must be able to mark a ballot complete #208
- Setup version "Stork" release notes #52
- Not finished
- Gets access without organizer existing #199
- As an election organinzer i must be able to marke an election finished #207
- Set up secure connection #124
- Setup reverse proxy #53

Work that has been added

- Feature/user details #223
- remve todo and setTimeout #224

Work removed

-

Sprint 16

Date: 23.04.2021

Plan

-

Sprint 16

Date: 30/04/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Started working on the report. Good work spirit so far	COntext switching between writing and coding have been hard.
Balancing the work between report and bug fixing very well	We have a lot to learn with concentrating for longer burst. We should definiatly help eachother to achieve this
We have an empty sprint backlog for a long time 😄	Maybe start with writing keywords/bulletpoints first, to help yourself get going with writing
We feel the progression is very good. so we don't feel very stressed so far	

Actions

- [ ] If you have "writing block", go away from the screen for a little while. Take a walk outside
- [ ]
- [ ]

Sprint 16

Date: 30/04/2021

Review

Has been done

- Everything

Has not been done

- Pr for __ not merged
    - Feature/mark ballot complete #178
    - Add proxy #176
    - fix location state for alerts #254

Work that has been added

- Ballot order can not be zero when validated on update #177

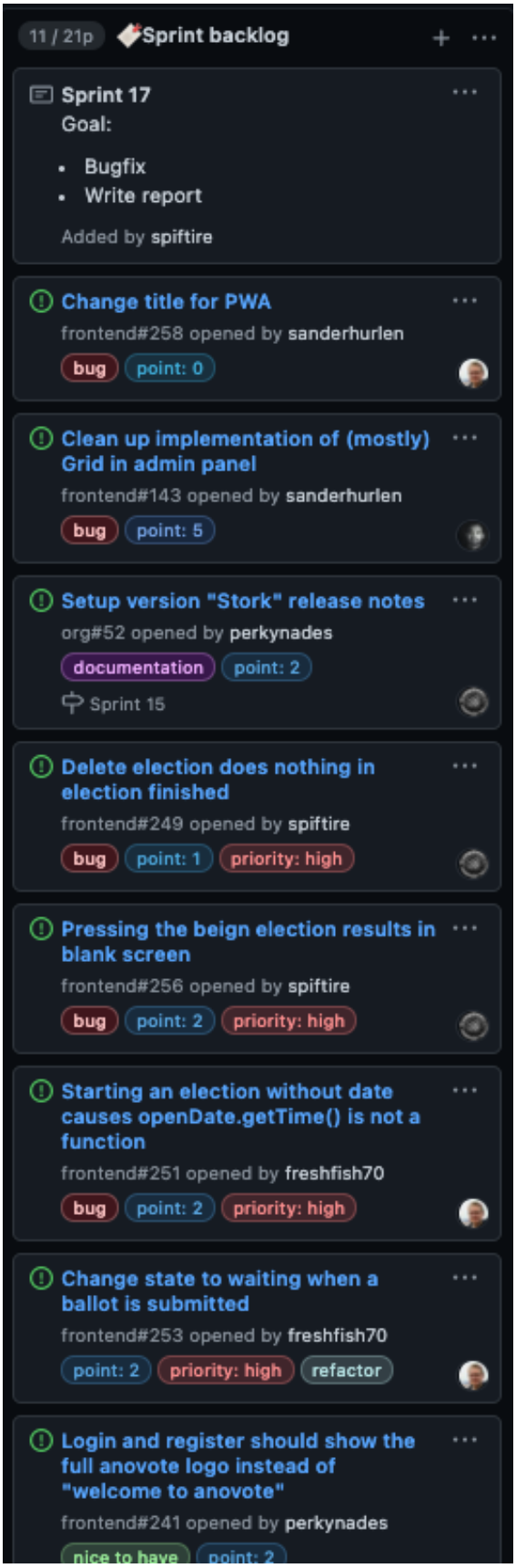
Work removed

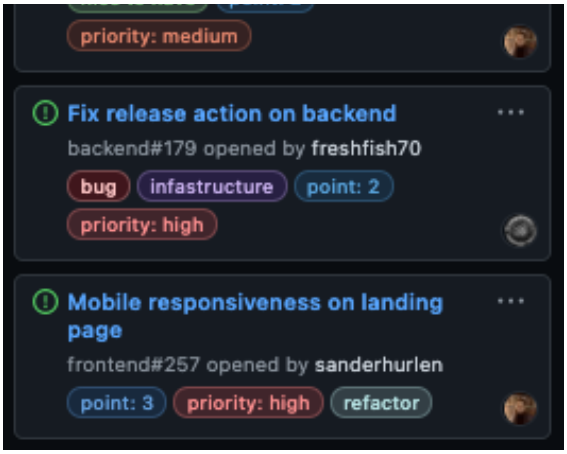
-

Sprint 17

Date: 30.04.2021

Plan

- 


priority: medium
Fix release action on backend
backend#179 opened by freshfish70
bug
infastructure
point: 2
priority: high
Mobile responsiveness on landing page
frontend#257 opened by sanderhurlen
point: 3
priority: high
refactor

Sprint 17

Date: 07/05/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
Hopefully the thesis workboard can help us with ->	Emil have felt difficulties with finding what to start on when writing
Writing have gone exponentially better throughout the week	Wrapping the head around report writing, although this has been sort of solved the last days
We solve the problems we face very well. For instance, if we need a special command in overleaf. Lets create it.	

Actions

- [ ] Give well defined tasks for writing
- [ ] Keep focus, write more.
- [ ] Get it done
- [ ] Last stretch now!!

Sprint 17

Review

Has been done

- Everything set up

Has not been done

-

Work that has been added

- Width on phone is "scrollable" #284
- remove unneded dep #192
- Message on vote submitted #272
- Popconfirm for delete election and end election #274
- Hotfix/uniform popconfirm #278
- send message on successful delete #267
- fix comments #269
- Fix id addition on push ballot #270
- improve english and landing page text #287

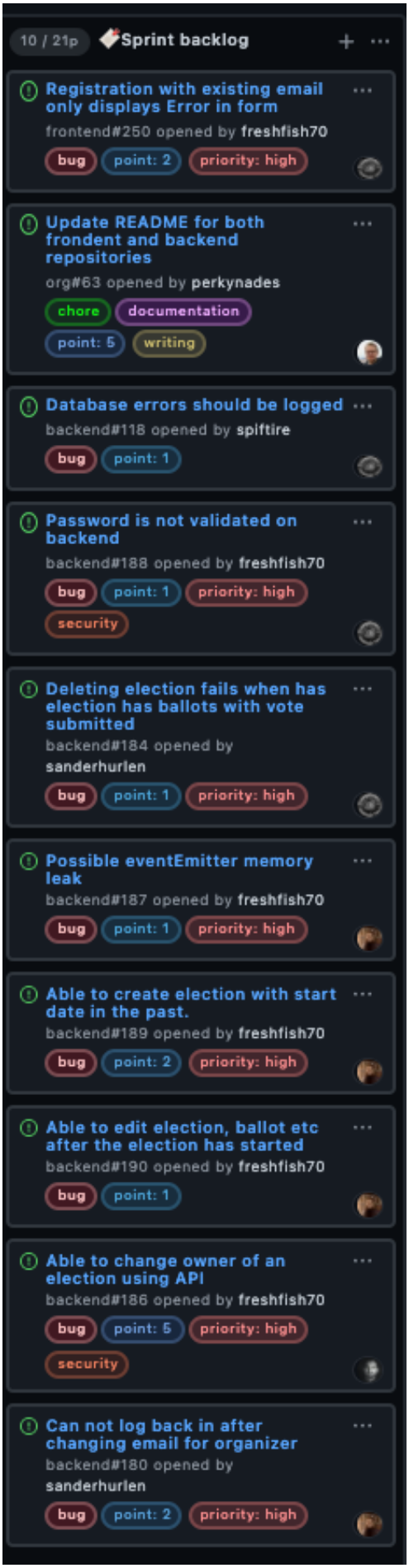
Work removed

-

Sprint 18

Date: 07.05.21

Plan


10 / 21p
Sprint backlog
Registration with existing email only displays Error in form
frontend#250 opened by freshfish70
bug
point: 2
priority: high
Update README for both frondent and backend repositories
org#63 opened by perkynades
chore
documentation
point: 5
writing
Database errors should be logged
backend#118 opened by spiftire
bug
point: 1
Password is not validated on backend
backend#188 opened by freshfish70
bug
point: 1
priority: high
security
Deleting election fails when has election has ballots with vote submitted
backend#184 opened by sanderhurlen
bug
point: 1
priority: high
Possible eventEmitter memory leak
backend#187 opened by freshfish70
bug
point: 1
priority: high
Able to create election with start date in the past.
backend#189 opened by freshfish70
bug
point: 2
priority: high
Able to edit election, ballot etc after the election has started
backend#190 opened by freshfish70
bug
point: 1
Able to change owner of an election using API
backend#186 opened by freshfish70
bug
point: 5
priority: high
security
Can not log back in after changing email for organizer
backend#180 opened by sanderhurlen
bug
point: 2
priority: high

Sprint 18

Date: 14/05/2021

Attendees: *Steffen Holanger, Emil Elton, Sander Hurlen, Christoffer Træen*

Retrospective

What went well	What could improve
We have written a lot, and are happy with the progress	We hate every minute of writing the report, someone feel they have been a little bit grumpy.
All have met at schoool	We could try to be more structured and assign more clearly who is to write anything
We are working well together at finishing the bachelor	

Actions

- [ ] GET IT DONE 🤦🏽
- [ ] DRINK A BEER 🍻
- [ ] WRITE A COUPLE LINES OF CODE IN THE WEEKEND ✷

Sprint 18

Review

Has been done

- Two user tests
- Most of the tasks
- A lot of writing

Has not been done

- duplicate email is not added when parsing JSON/CSV #193
- Able to change owner of an election using API #186
- Can not log back in after changing email for organizer #180
- Able to edit election, ballot etc after the election has started #190

Work that has been added

- duplicate email is not added when parsing JSON/CSV #193
- "Join" and "sign up" feels similar for sombody new to the website #277
- Local storage issue on refresh #288
- Fix election code issues #206
- fix timezone #205
- add suspense loading indicator #292
- fix changing width #290
- Produce text for landing and about #286

Work removed

-

Sprint 19

Plan

- Finish the report

Things to do

Language check

attach sprint documents and meeting summaries

Send document ot NTNU formatter

When finished

Prepare presentation

Prepare a demo

Prepare a video