SPRINT 2

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OVERSIKT

Sprint 1:
Oversikt og klarhet i prosjektet, strategi og slagplan

Sprint 2:
Implementere arbeidsflyten. Fundamental funksjonalitet på plass

Sprint 3:
Fokus på deployment. Docker, kubernetes + user stories

MÅLOPPNÅING FORRIGE SPRINT

- Jira backlog – god endring
- Ferdig implementet arbeidsflyt i prosjektet
  - Fra input av lokasjon → output av TTF

Address to Coordinates

Enter Address:

Get Coordinates

1. Lokasjon →lat, long

atitude: 58.543391
ongitude: 11.478889

2. Lat,long → Firerisk

```
compute_now(self, location: Location, obs_delta: datetime.timedelta) -> FireRiskPrediction.
```

3. Lagring

4. Return

Address to Coordinates

Enter Address:

Get Coordinates

itude: 58.543391
ngitude: 11.478889

eRisk: High

KVAR ER VI NO?
DATABASE:

- Primary keys

- Videre mulighet for å hente tidsavhenging informasjon

latitude	longitude	temperature	humidity	wind_speed	timestamp	firerisk
60.296484	5.290907	5.6	79	6.1	2024-03-19T00:00:00Z	6.0724811672
60.296484	5.290907	6	[NULL]	6.2	2024-03-19T00:20:00Z	6.044163123
60.296484	5.290907	[NULL]	[NULL]	6.7	2024-03-19T00:50:00Z	6.0432751415
60.296484	5.290907	5.8	78	6.5	2024-03-19T01:00:00Z	6.0520108995
60.296484	5.290907	[NULL]	[NULL]	6.2	2024-03-19T01:20:00Z	6.0480736026
60.296484	5.290907	[NULL]	[NULL]	4.1	2024-03-19T01:50:00Z	6.0312738745
60.296484	5.290907	5	92	4.6	2024-03-19T02:00:00Z	6.0286085272
60.296484	5.290907	5	[NULL]	5.1	2024-03-19T02:20:00Z	6.0002988101
60.296484	5.290907	6	[NULL]	5.7	2024-03-19T02:50:00Z	5.9848629133
60.296484	5.290907	5.8	82	6	2024-03-19T03:00:00Z	5.9897796518
60.296484	5.290907	6	[NULL]	5.7	2024-03-19T03:20:00Z	6.0188233168
60.296484	5.290907	6	[NULL]	6.2	2024-03-19T03:50:00Z	6.0565651972
60.296484	5.290907	6.2	78	6	2024-03-19T04:00:00Z	6.0683490642
60.296484	5.290907	6	[NULL]	5.7	2024-03-19T04:20:00Z	6.0833490937
60.296484	5.290907	6	[NULL]	5.7	2024-03-19T04:50:00Z	6.1168143682
60.296484	5.290907	6.4	76	5.5	2024-03-19T05:00:00Z	6.1312807519
60.296484	5.290907	7	[NULL]	5.7	2024-03-19T05:20:00Z	6.1441267759
60.296484	5.290907	7	[NULL]	6.2	2024-03-19T05:50:00Z	6.1711663437
60.296484	5.290907	6.9	71	6.8	2024-03-19T06:00:00Z	6.2014740792
60.296484	5.290907	7	[NULL]	7.2	2024-03-19T06:20:00Z	6.2459137927

KVAR ER VI NO?

- CI pipeline satt opp
  - Ingen integration test
- Environment secrets i GitHub
  - gitignore

build
failed 32 minutes ago in 36s

- ✓ Set up job
- ✓ Run actions/checkout@v3
- ✓ Set up Python 3.12
- ✓ Install Poetry
- ✓ Install dependencies
- ✓ Unit Test with pytest
- ✗ Integration Test with pytest
- ⊘ Post Set up Python 3.12
- ✓ Post Run actions/checkout@v3
- ✓ Complete job

```yaml
runs-on: ubuntu-latest

steps:
- uses: actions/checkout@v3
- name: Set up Python 3.12
  uses: actions/setup-python@v3
  with:
    python-version: "3.12"
- name: Install Poetry
  run: |
    python -m pip install --upgrade pip
    pip install --user pipx
    pipx install poetry
    pip uninstall decouple
    pip install python-decouple
- name: Install dependencies
  run: |
    poetry install
- name: Unit Test with pytest
  env:
    MET_CLIENT_ID: ${{ secrets.MET_CLIENT_ID }}
    MET_CLIENT_SECRET: ${{ secrets.MET_CLIENT_SECRET }}
  run: |
    poetry run pytest tests
- name: Integration Test with pytest
  env:
    MET_CLIENT_ID: ${{ secrets.MET_CLIENT_ID }}
    MET_CLIENT_SECRET: ${{ secrets.MET_CLIENT_SECRET }}
  run: |
    poetry run pytest integ_tests
```

AGIL UTVIKLING

- Scrummøter stort sett onsdag og torsdag

- Fordeling/plukking av oppgåver

- Arbeid mot eit felles mål med kontinuerlig samkøyring

NESTE SPRINT:

- Fokusområde:
  - Docker containers
  - Kubernetes orkestrering
- Fortsette backlog i Jira
- Mulighet for fleire user stories

og utviding av tenesta