# Sprint 27.03.2023

## Goal(s):

Finish architecture documentation for the project, so that team can have solid start point for developing product. Review user stories and Dashboard content research.

## Duration:

1 week

## User stories:

* -

## Tasks:

## Burned Tasks:

* Checkout retrieving data from Canvas.
* Create UML diagrams for the microservice for canvas.
* Create UML diagrams for the microservice for weather.

# Sprint 03.04.2023

## Goal(s):

Create Microservices responsible for data gathering.

## Duration:

2 week

## User stories:

* 9, 15, 18, 19

## Tasks:

* Implement Microservice responsible for gathering data from weather API
* Further development of UML’s
* Unit tests

## Burned Tasks:

* ???

# Sprint 17.04.2023

## Goal(s):

Create Microservice responsible for data analysis, refine existing microservices, technical research for Dashboard and Gateway.

## Duration:

4 week

## User stories:

* -

## Tasks:

* Graphs Library research
* Canvas LTI research
* Gateway Architecture research
* Extend C4 diagram for the gateway microservice
* Creating UML for Gateway Microservice
* Creating UML for Analyse Microservice
* Implement Microservice responsible for Analysis
  + Connecting Analysis to the Canvas/Weather Data Microservice
  + Creating Objects in the Analyse Microservice that can be converted to Graphs
  + Adding API routes to the Analyse Microservice
  + Creating Objects in the Analyse Microservice that can be converted to Graphs
* Refine API routes in Microservices responsible for Canvas and Weather data gathering

## Burned Tasks:

* Graphs Library research
* Gateway Architecture research
* Extend C4 diagram for the gateway microservice
* Creating UML for Gateway Microservice
* Creating UML for Analyse Microservice
* Implement Microservice responsible for Analysis
  + Connecting Analysis to the Canvas/Weather Data Microservice
  + Creating Objects in the Analyse Microservice that can be converted to Graphs
  + Adding API routes to the Analyse Microservice
  + Creating Objects in the Analyse Microservice that can be converted to Graphs
* Refine API routes in Microservices responsible for Canvas and Weather data gathering

# Sprint 15.05.2023

## Goal(s):

Further Canvas LTI research, Dashboard designs and requirements review.

## Duration:

3 week

## User stories:

* 1, 2, 4, 5, 6, 9, 13, 14

## Tasks:

* Canvas LTI research
* Refining Microservices
* Reviewing Documentation
* Dashboard Static Layouts
* Dashboard Dynamic Layouts
* Dashboard Usability Tests
* Dashboard A/B Usability Tests in person
* PoC Dashboard for testing system performance
* Dashboard Report

## Burned Tasks:

* Canvas LTI research
* Refining Microservices
* Reviewing Documentation
* Dashboard Static Layouts
* Dashboard Dynamic Layouts
* Dashboard Usability Tests
* Dashboard A/B Usability Tests in person
* PoC Dashboard for testing system performance
* Dashboard Report

# Sprint 05.06.2023

## Goal(s):

Create Dashboard

## Duration:

2 week

## User stories:

* 1, 4, 9, 15, 19

## Tasks:

* Utilizing Dashboard Layouts
* Dashboard Graphs
  + Course Submissions
  + Submissions Grades and Weather
* Dashboard Customizable Theme
* Documentation Review and Update

## Burned Tasks:

* Utilizing Dashboard Layouts
* Dashboard Graphs
  + Course Submissions
  + Submissions Grades and Weather
* Dashboard Customizable Theme
* Documentation Review and Update