SE 492 Bi-Weekly Report 06

Start Date - End Date: Nov 8th - Nov 22nd 2021

Group Number: 19

Project Title: Canvas LTI Student Climate Dashboard

Client: Henry Duwe

Advisor: Nick Fila

Bi-Weekly Summary:
The overall goal for this increment was to get the project to 99% of the MVP, with the remaining 1% in the Tuesday & Wednesday of Fall Break. We are at the 99% point planned and have received positive feedback from our client and advisors that they are happy with what we've produced.

Past Week Accomplishments:

1. *UI Team (Kira, Emma, Josh)* -
    a. Moved Assignment Weight list creation from static javascript to javascript.
    b. Assigned Default values to Achievement, Sentiment, and Engagement portions of resonance.
    c. Implemented dynamically loading default weights from what is set in canvas for assignment weights.

2. *Canvas API Team (Andrew, Emma)* -
    - Cache is complete
    - Endpoint for retrieving responses from assignments for each and every student.
    - Creating more asynchronous code on the backend.
    - Restructuring of JSON objects.
    - Endpoint for refreshing data when needed.

3. *Data Analysis Team (Zach, Josh)* -
    a. Updated Python Stub for our Canvas API to work with Sentiment and Engagement data
    b. Created new database structure for filtering data and storing tokens associated with user ids from okta
    c. Created endpoints for the frontend to be able to send/receive filter data and user data to the database

Pending Issues:
- None :)

Individual Contribution:

NAME	Individual Contributions	Hours this Increment	HOURS Cumulative
Andrew Dort	- Cache for in memory data - Endpoint routing and research for getting back assignment response data - Cache refresh - Aggregate objects from multiple endpoints - Make code asynchronous - Bearer token research - Dictionary for assignments	20 ish	100
Kira (Ashley) Pierce	- Polishing graph functionality - OnClick listener for graph - OnHover edits to display	25	102
Emma Paskey	- Implementing application login and redirecting - Created ajax function for sending filter information to backend	12	121
Zachary Borchard	- Created new database structure for filtering data and	10	105

	storing tokens associated with user ids from okta - Created endpoints for the frontend to be able to send/receive filter data and user data to the database		
Joshua Slagle	UI Work: - Moved Assignment Weight list creation from static javascript to javascript. - Assigned Default values to Achievement, Sentiment, and Engagement portions of resonance - Implemented dynamically loading default weights from what is set in canvas for assignment weights Data Analysis Pipeline Work: - Updated Python Stub for our Canvas API to work with Sentiment and Engagement data	10	164

Comments and Extended Discussion:

Plans for the Upcoming Week:
- Finalize the integration of logging in and saving user-defaults
- Integrate Datapoint popups
- Handoff project to client for future use/work