
EE/CprE/SE 491 WEEKLY REPORT 4

2/20/2023 - 2/26/2023

Group number: 4

Project title: CLARE: The Lab Availability Tracker

Client &/Advisor: Mohamed Selim/Ahmed Nazar

Team Members/Role:

Evan Uhlmeier - Meeting leader

Frank Sullivan - Team website manager

Jorge Ortiz - Main client contact

Tyler Rolston - ETG and external contact

Joel Neppel - Course assignment manager

○ **Weekly Summary**

- Continued working on similar tasks to the previous week. These include things such as initial research, initial application design, and changes to our team website.

○ **Past week accomplishments**

- Evan Uhlmeier
 - Reached out to the ISU Solution Center for information/contacts for Canvas integration resources within ISU. Received a response with two articles and was referred to CELT for more information.
 - Reached out to personal contact within ISU IT searching for extra information.
 - Began reading about ISU's current process for adding third-party apps to Canvas
- Tyler Rolston:
 - Completed tutorials on JavaScript and HTML to begin making a prototype of the website
- Joel Neppel
 - Began researching how to add an app to a Canvas course
- Frank Sullivan
 - Installed OpenCV and YOLOv5
 - Began reviewing documentation for OpenCV and YOLOv5
- Jorge Ortiz
 - Discovered and began reviewing documentation Canvas
 - Discovered LTI standard and began investigating

○ **Pending issues**

- Evan Uhlmeier

- Waiting for a response from personal IT contact.
- Waiting for contact from CELT.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Joel Neppel	Investigated Canvas apps	1	6
Jorge Ortiz	LTI and canvas investigation	2	6
Tyler Rolston	Learning website technologies	2	6
Frank Sullivan	Began investigating OpenCV and YOLOv5	2	5
Evan Uhlmeier	Communicated with ISU about resources on Canvas apps, began reading provided writing.	2	5

○ **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)?, Who will contribute to it? Be as concise as possible.)*

- Evan Uhlmeier
 - Read resources IT provided on Canvas more
 - Contact CELT about Canvas use
 - Ensure a response from my personal contact within IT
 - Poke around in Canvas course provided by Ahmed to learn about Canvas apps
- Tyler Rolston
 - Continue learning website technologies, complete a local app that uses web sockets
- Joel Neppel
 - Continue researching Canvas apps
 - Begin thinking about the lab availability website layout
- Frank Sullivan
 - Learn more about OpenCV and YOLOv5
 - Look into options for retrieving data over ISU network
- Jorge Ortiz
 - Read through the documentation and identify key areas for Canvas integration

Use-case diagram:

