
EE/CprE/SE 491 WEEKLY REPORT 16

11/9/23 - 11/22/23

Group number: 4

Project title: CLARE: The Lab Availability Tracker

Client &/Advisor: Mohamed Selim/Ahmed Nazar

Team Members/Role:

Evan Uhlmeyer - 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**

- Communicated with CELT to get Canvas permissions
- Continued work on lab availability scripts and Budibase API
- Created final presentation draft, discussed needed revisions

○ **Past week accomplishments**

- Evan Uhlmeyer
 - Learned API for editing database through BudiBase
 - Edited Coover PC script to add them do the database as well
- Tyler Rolston
 - Worked on interface between databases and login tracking app
- Joel Neppel
 - Refined website GUI
 - Helped others with connecting to BudiBase
 - Historical usage script automation
- Frank Sullivan
 - Finished CLI script
 - Added room mapping feature to camera script
 - Began work for annotating testing dataset
- Jorge Ortiz
 - Met up with CELT representative

Researched into Canvas Dev LTI Key

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		10	83
Jorge Ortiz	CELT Representative meeting, research into LTI key	3	69
Tyler Rolston	Further Login tracking app development	6	53
Frank Sullivan	CLI script, camera script features, dataset annotation	6	59
Evan Uhlmeier	Learned BudiBase API, edited computer scraping script	5	57

○ Plans for the upcoming week

- Evan Uhlmeier
 - Complete a solution for windows tracking
 - Work on final presentation
 - Finalize project website
- Tyler Rolston
 - Generate test data from login tracking app
- Joel Neppel
 - Work on report
 - Continue automation scripts
- Frank Sullivan
 - Create dataset for testing
 - Create sample room mapping for senior design lab
 - Revise technical overview diagram for final presentation
- Jorge Ortiz
 - Create final version of LTI of testing purposes
 - Configure budibase to handle LTI key
 - Focus on creating demonstration