

Weekly Team Task Report

#15

Team: PathLab				Date: 02/13/2019			
Project Title: Graphical User Interface for massively multiplexed pathogen detection							
	Turan <u>Present</u> On-time		Alex <u>Present</u> On-time		Chance <u>Present</u> On-time		Austin <u>Present</u> On-time

Recent Meetings:

Client Meeting (Friday 2/8)
Team Meeting (Thursday 1/24)

Upcoming Meetings:

Team Meeting (Thursday 2/14)
Client Meeting (Friday 2/15)

TASKS COMPLETED since last meeting:

Task Title: Software Design Doc Draft	Task Initiation: 1/23	Orig. Due Date: 2/11 Draft Due (2-4)	Status: Complete
Who (%): Turan (25%) Alex (25%) Austin (25%) Chance (25%)			
Description: A software design document is a detailed, multi-page description of how a software-based product will be provided. It is written by a software developer, or group of developers, and details how a product will be built, feature by feature. The purpose of the document is to provide the developers with additional details to those provided in the functional specification.			
Expected Outcome: A final hardcopy document, professionally presented in hardcopy to your CS faculty mentor on or before the date shown in BBlearn.			

Task Title: Module 1 Development: Create Inputs	Task Initiation: 2/1	Orig. Due Date: 2/8	Status: Complex
Who (%): Chance			
Description: Add necessary inputs in the HTML for Module 1. Create JS handlers for each input, and appropriate data structures to store inputs.			
Expected Outcome: Module 1 page with working inputs.			

Task Title: Module 1 Development: UX improvements	Task Initiation: 2/1	Orig. Due Date: 2/8	Status: Complete
Who (%): Austin			
Description: Improve quality of module 1. Make input more clear for data sequence table navigation, file IO			
Expected Outcome: Module 1 general aesthetic improvements			

Task Title: Module 1 Development: Create init() Handler	Task Initiation: 2/1	Orig. Due Date: 2/8	Status: In-Progress (60 %)
Who (%): Turan			
Description: Implement the handler for the IPC 'INIT' signal, for generating the initial state of the Module 1 page on load.			
Expected Outcome: Module 1 page is capable of intercepting 'INIT' IPC signal, and bootstraps an expected state upon finished execution.			

Task Title: Module 1 Development: IPC Message Handlers	Task Initiation: 2/1	Orig. Due Date: 2/8	Status: In-Progress
Who (%): Chance			
Description: Implement handlers in Module 1 for handling the receiving and sending of the 'EXECUTE' and 'LOADMODULE' IPC messages from the backend.			
Expected Outcome: Module 1 page capable of sending execution and module load requests to the backend.			

Task Title: Module 1 Development	Task Initiation: 1/30	Orig. Due Date: 2/11	Status: In-Progress
Who (%): Pair programming (Everyone)			
Description: Add all the necessary fields for Module 1 and test			
Expected Outcome: Completed Module 1 with all the input fields from the JSON string.			

Task Title: Peer Evals	Task Initiation: 2/12	Orig. Due Date: 2/14	Status: Completed
Who (%): Everyone			
Description: Complete Peer Evals			
Expected Outcome: Email completed evals to mentor			

This week's Tasks: Work plan for coming week

Task Title: Unit Testing Suite for Module 1	Task Initiation: 2/7	Orig. Due Date: 2/11	Status: In-Progress
Who (%): Turan			

Description: Create a basic set of unit tests based on requirements for module 1. Unit tests should be black-box tests that ensure modules send, receive, and validate the correct data.

Expected Outcome: Integrated unit testing with module 1.

Task Title: Module 2 Core Development	Task Initiation: 2/14	Orig. Due Date: 2/20	Status: Assigned
Who (%): Turan & Alex			
Description: Develop module 2			
Expected Outcome: Module 2 fully functional			

Task Title: Module 2 unit testing	Task Initiation: 2/14	Orig. Due Date: 2/20	Status: Assigned
Who (%): Austin & Alex			
Description: Create a basic set of unit tests based on requirements for module 1. Unit tests should be black-box tests that ensure modules send, receive, and validate the correct data.			
Expected Outcome: Integrated unit testing with module 2.			

Task Title: Software Design Presentation	Task Initiation: 2/12	Orig. Due Date: 2/20	Status: Assigned
Who (%): Everyone			
Description: Present the next formal Design Review for our project. The overall content focus for this Design Reviews is the same as the previous one.			
Expected Outcome: Completed Presentation			

Task Title: Ugrads Registration	Task Initiation: 2/12	Orig. Due Date: 3/18	Status: 80%
Who (%): Turan			
Description: Register for UGRADS presentation symposium			
Expected Outcome: Screenshot of the confirmation page, submitted to team mentor at meeting the week it is due.			