Weekly Team Task Report

#13

Team: PathLab	**Date:01/30/2019**
Project Title: Graphical User Interface for massively multiplexed pathogen detection	

	**Turan** Present On-time		**Alex** Present On-time		**Chance** Present On-time		**Austin** Present On-time

Recent Meetings:

Team Meeting (Thursday 1/24)

Upcoming Meetings:

Client Meeting (Friday 2/1)

TASKS COMPLETED since last meeting:

Task Title: Research Gantt Chart Generator	**Task Initiation:** 1/23	**Orig. Due Date:** 1/30	**Status:** Complete
Who (%): Turan			
Description: Look for a Gantt chart generator that can be used throughout the semester.			
Expected Outcome: The Gantt chart generator should let us update our team progress with ease and needs to produce quality charts.			

Task Title: Schedule Meeting with Client	**Task Initiation:** 1/23	**Orig. Due Date:** 1/30	**Status:** Complete
Who (%): Turan			
Description: Schedule a meeting with the client to discuss the progress of the project and to get feedback going forward.			
Expected Outcome: Scheduled Meeting with Client (Friday 1 pm)			

Task Title: Email the Pipeline Developer	**Task Initiation:** 1/23	**Orig. Due Date:** 1/30	**Status:** Complete
Who (%): Turan			
Description: Email Tara Furstenau to discuss the progress of her pipeline project and to get her up-to-date on the recent developments made in the demo pipeline.			
Expected Outcome:			

Task Title: Create a Gantt Chart	**Task Initiation:** 1/23	**Orig. Due Date:** 1/30	**Status:** Complete
Who (%): Turan			
Description: Create a Gantt chart showing the progress of the project.			
Expected Outcome:			

Task Title: Module 1 Core Development - Input Validation Planning	**Task Initiation:** 1/23	**Orig. Due Date:** 1/30	**Status:** In Progress
Who (%): Turan			
Description: Assign tasks to team members to complete the development of module 1 and work on input validation.			
Expected Outcome: Assigned tasks due by 2/1.			

Task Title: Website Update	**Task Initiation:** 1/24	**Orig. Due Date:** NA	**Status:** Complete
Who (%): Austin			
Description: Update the website to match the progress made so far			
Expected Outcome: Updated website with recent documents added			

Task Title: Software Design Doc Prototype + git project	**Task Initiation:** 1/23	**Orig. Due Date:** 1/31	**Status:** Complete
Who (%): Alex Lacy (100%)			
Description: The Software Design Document Prototype is designed to allow easier task managing by teammates. Each assigned person should have roughly the same amount of work assigned. Additionally, a github repository should be created, with a project to track each member's assigned work.			
Expected Outcome: A google drive document with a detailed outline and descriptions appropriate to our project. A git repository with assignments for each member.			

Task Title: Plan for Dynamic Module Generation	**Task Initiation:** 1/23	**Orig. Due Date:** 2/1	**Status:** In Progress
Who (%): Turan (25%) Austin (25%) Chance (50%)			
Description: Design a system for automatically and dynamically generating module front ends, that will hold up to the team standards for UX quality.			
Expected Outcome: One of two outcomes: 1. A detailed document, describing the exact process for programmatically. Likely a system based off of json configs and the EJS templating engine for HTML generation. 2. A decision to go ahead and manually design each module.			

This week's Tasks: Work plan for coming week

Task Title: Software Design Doc	**Task Initiation:** 1/23	**Orig. Due Date:** 2/11 Draft Due (2-4)	**Status:** In-Progress
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	**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: Unit Testing Suite Prototype	**Task Initiation:** 1/23	**Orig. Due Date:** 1/31	**Status:** In-Progress 10%
Who (%): Alex Lacy (100%)			
Description: Create a basic set of unit tests based on requirements that can be expanded upon in the future. Unit tests should be black-box tests that ensure modules send, receive, and validate the correct data.			
Expected Outcome: A Github repository with the unit tests and basic documentation to allow them to be easily expanded as we add functionality to the program.			