Weekly Team Task Report

Team:	**PathLab**			Date:11/9/2018

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:

Client Meeting 11/9

TASKS COMPLETED since last meeting:

Task Title: Client Meeting	Task Initiation: 10/30	Due Date: 11/9	Status: Scheduled
Who (%): All			
Description: Attend and participate in Client Meeting on 11/9 in usual location at 1PM. Bring at least 1-2 questions, in addition to agreed upon group questions discussed at last team meeting.			
Expected Outcome: Attend and participate in Client meeting. Team needs to bring 1 Linux and 1 Windows laptop, in addition to at least 1 question per person and agreed upon team questions. Optionally, team can also bring a Mac laptop.			

Task Title: Technological Feasibility -- final submission	Task Initiation: Once Isaac gets back to us with Feedback on the first draft	Due Date: 11/9	Status: Complete
Who (%): Alex (Lead Editor) + assigned members			
Description: The objective of this assignment is simply to structure your exploration of these feasibility questions, and to answer them --- for your education as well as to convince your sponsor of your competence --- in as complete a fashion as possible at this early project stage. As you gain experience in a particular area, you will be more and more able to automatically stay within the bounds of feasibility in your design based on that previous experience. Even so, it is the rare project where you don't have anything at all that is new or challenging to tackle/learn.			
Expected Outcome: Feasibility document final submitted in hard copy to Isaac			

Task Title: 3 Minute Team Update	Task Initiation: 10/25	Due Date: 11/6	Status: Complete
Who (%): Turan and Alex			
Description: This is just a quick update on our project given in just a minute or two to members of our working group. Because most people are generally familiar with our project and status, this update can focus just on what's going on with our project at that moment.			
Expected Outcome: 2-3 minutes informal update on our teams progress.			

Task Title: Peer Evals	Task Initiation: 11/1	Due Date: 11/6	Status: Complete
Who (%): Each Individually			
Description: Fill out and submit the 2nd part of the Peer Eval form as per Dr. Doerry's online instructions.			
Expected Outcome: Email to Isaac with the spreadsheet by the due date.			

Task Title: Flexbox Demo Tab	Task Initiation: 10/30	Due Date: 11/6	Status: Complete
Who (%): Austin Kelly			
Description: Finish implementing the Flexbox demo so as to show its capabilities. Demo only needs to be basic, but should show resizing capabilities with different subsections and the newly implemented parameters.			
Expected Outcome: Implement Flexbox demo on tab 3, and update it to work with parameter input fields.			

Task Title: Sample Parameters	Task Initiation: 10/30	Due Date: 11/3	Status: In Progress
Who (%): Alex Lacy			
Description: Come up with a set of parameters for each page of the demo. These parameters are simply sample parameters, but should reflect plausible inputs for the actual program. One set of the parameters should be graphable data. There should be a set for each tab of the demo except the last (3).			
Expected Outcome: Send Austin the parameters and associated information (which tab they're for, etc) by the due date. Discuss with Austin any potential implementation questions about them. Tab 2's parameters need to be graphable.			

Task Title: Implement Parameters	Task Initiation: 10/30	Due Date: NA	Status: InProgress
Who (%): Austin Kelly (90%), Alex Lacy (10%)			
Description: Discuss implementation details (placement, size, etc) of parameters with Alex. Parameters should be placed on each of the first 3 tabs as agreed upon by both Alex and Austin. Discuss with Chance and/or Turan any details necessary for passing data from input fields to their respective tasks.			
Expected Outcome: Place the parameter input fields in their respective places on the first 3 tabs. Inform Chance and Turan when completed and discuss any details they need about those input fields.			

Task Title: Input Data Validation Demo	Task Initiation: 10/30	Due Date: NA	Status: InProgress
Who (%): Chance Nelson			
Description: Update sample input fields on tab 1 to include basic data validation, such as only allowing a certain range of numbers, or disallowing certain characters. Implementation method is left to Chance's discretion. Get any details about the input fields necessary from Austin.			
Expected Outcome: Add simple data validation to the data input fields on tab 2 to demonstrate basic data validation capability.			

Task Title: Moving Between Tabs	Task Initiation: 10/30	Due Date: 11/5	Status: InProgress

Who (%): Chance Nelson (60%), Turan Naimey (40%)			

Description: Implement a basic way to move between tabs, and pass certain info along. No use of API, just simple data passing. Exact implementation details left to Chance and Turan discussion. Data to be passed only needs to be enough to get the graphable data from Tab 2 to Tab 4. Discussion should take place to facilitate Turan's ability to graph this data.

Expected Outcome: Create a simple way to move between tabs and pass data forwards along the tabs, to ensure that data from Tab 2 is usable by Turan in Tab 4. Optionally, a way to traverse backwards and edit this data may also be added.

Task Title: Data Visualization Demo	Task Initiation: 10/30	Due Date: 11/6	Status: InProgress
Who (%): Turan Naimey			

Description: Create a simple data visualization, such as a chart or graph, using the data input on Tab 2. This visualization is on Tab 4. This data visualization should use JarJS.

Expected Outcome: Use JarJS to create a visualization of the data from Tab 2 on Tab 4. Optionally, visualization should update when data is retroactively changed on Tab 2.

This week's Tasks: Work plan for coming week

Task Title: Requirements Document - Part 1	Task Initiation: 11/9	Orig. Due Date: 11/20 Task Due Date: 11/12	Status: Assigned

Who (%):
Turan (Lead Editor - 70%): Read the requirements specification document and break sections down into smaller pieces and assign everyone with related tasks.
Austin (30%): Read the requirements specification document and create the Google Doc in the Team Drive. Assist Alex to come up with a styling format that is professional and consistent for this document.

Description: The requirements specification is a description of our project's requirements, both functional and non-functional. This documents forms the contractual basis for the expectations to be fulfilled by the development team.

Expected Outcome: Assign team members with specific sections.
• Cover Page
• Introduction
• Problem Statement
• Solution Vision
• **Project Requirements**
  • Functional Requirements
  • Performance Requirements
  • Environment Requirements
• Potential Risks
• Project Plan
• Conclusion
• Glossaries/Appendix

Task Title: Design Review Presentation	Task Initiation: 11/9	Orig. Due Date: 11/20 Task Due Date: 11/12	Status: Assigned

Who (%):
Turan (Lead Editor)

Description: In this assignment, we will prepare and present the first formal Design Review for your project. The overall content focus for this and all upcoming Design Reviews is the same:

Expected Outcome: Assign team members with specific sections.
• Intro: Intro the overall project area, sell that it is a vital/valuable market. Intro the client and his/her needs.
• Problem and Solution Statement: Remind us of what's broken/inefficient, and what our vision for a solution is.
• The Requirements, Software Architecture, and other technical "meat" for that particular document.
• Update on Risks/Challenges/Resolutions. Again, what exactly happens here depends where we are on the project. Basically gives and update on status of project risks, plus any particular obstacles we've encountered/solved since the last review.
• Update on the project plan and schedule: Update us on how it's going and what's left to do.
• Conclusion: summarize and wrap it all up nicely.