Team: PathLab Date:04/24/2019 Project Title: Graphical User Interface for massively multiplexed pathogen detection Turan Alex Chance Austin **Present Present Present Present** On-time On-time On-time On-time

# **Recent Meetings:**

Client Meeting: Friday 04/19 **Upcoming Meetings:** Client Meeting: Friday 05/03

# **TASKS COMPLETED since last meeting:**

| Task Title: Poster                                                                                           | Task Initiation: | Due Date: 4/19 | Status: Complete |
|--------------------------------------------------------------------------------------------------------------|------------------|----------------|------------------|
| Final and                                                                                                    | 4/17             |                |                  |
| Submission                                                                                                   |                  |                |                  |
| Who (%): Alex                                                                                                |                  |                |                  |
| <b>Description:</b> A fully completed poster implementing the suggestions from both Isaac and Tara.          |                  |                |                  |
| <b>Expected Outcome:</b> A finished poster uploaded to google drive, and sent to the specified email address |                  |                |                  |
| for printing before the due time                                                                             |                  |                |                  |

| Task Title:                                                                                              | Task Initiation: | Due Date: 4/24 | Status: 90% |
|----------------------------------------------------------------------------------------------------------|------------------|----------------|-------------|
| UGRADS                                                                                                   | 4/19             |                |             |
| Presentation                                                                                             |                  |                |             |
| Who (%): Alex (50%), Turan, Chance, Austin (Rest)                                                        |                  |                |             |
| <b>Description:</b> A completed PowerPoint presentation following Isaacs DR3 Feedback                    |                  |                |             |
| <b>Expected Outcome:</b> A finished powerpoint presentation, with sections assigned to each team member, |                  |                |             |
| and each part practiced for a dry-run with Isaac                                                         |                  |                |             |

| <b>Task Title:</b> Create a searchable table for Overview Page                                             | <b>Task Initiation:</b> 4/19 | Due Date: 4/24 | <b>Status:</b> 100% |
|------------------------------------------------------------------------------------------------------------|------------------------------|----------------|---------------------|
| Who (%): Turan                                                                                             |                              |                |                     |
| <b>Description:</b> Create a summary table which displays all fields and relevant values about each single |                              |                |                     |
| primer.                                                                                                    |                              |                |                     |
| <b>Expected Outcome:</b> Searchable table with the ability to export as CSV                                |                              |                |                     |

| <b>Task Title:</b> Finish Development - Viz 2                                 | <b>Task Initiation:</b> 4/10 | Due Date: 4/24 | Status: 95% |  |
|-------------------------------------------------------------------------------|------------------------------|----------------|-------------|--|
| Who (%): Turan                                                                |                              |                |             |  |
| <b>Description:</b> Allow the user to pick the desired primers based on score |                              |                |             |  |

**Expected Outcome:** MVP: Allow the user to select a single bulk percentage for all primers (Create a table with all the sequences and indicate primer count, as the user increases the percentage the number of primers in every sequence should change)

## This week's Tasks: Work plan for coming week

| Task Title: Task Initiation: 4/23 | Orig. Due Date: 5/1 | Status: In Progress |
|-----------------------------------|---------------------|---------------------|
|-----------------------------------|---------------------|---------------------|

Who (%): Everyone

**Description:** Develop a "Final Demonstration Plan", which is clearly driven by the functional and performance requirements that were developed for this project. This jointly-developed "demonstration plan" then becomes the agenda for an in-person demo with our project mentor, where we walk through and demonstrate all of the functionality promised.

| <b>Task Title:</b> Final "As-Built" Report | Task Initiation: 4/23 | Orig. Due Date: 5/1 | Status: In Progress |
|--------------------------------------------|-----------------------|---------------------|---------------------|
|                                            |                       |                     |                     |

#### Who (%): Everyone

**Description:** The final report summarizes "the story" of the project into a single coherent narrative. If had time to read just one document to understand everything about this project, starting from motivations and vision, summarizing the development process, and describing the resulting product, this would be the document to read.

| <b>Task Title:</b> Final "As-Built" Report | Task Initiation: 4/23 | Orig. Due Date: 5/1 | Status: In Progress |
|--------------------------------------------|-----------------------|---------------------|---------------------|
|                                            |                       |                     |                     |

### Who (%): Everyone

**Description:** The final report summarizes "the story" of the project into a single coherent narrative. If had time to read just one document to understand everything about this project, starting from motivations and vision, summarizing the development process, and describing the resulting product, this would be the document to read.