Weekly Team Task Report

#17

Team: PathLab	**Date:02/27/2019**
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 (Tuesday 1/26)

Upcoming Meetings:

Client Meeting(Friday 3/1)

TASKS COMPLETED since last meeting:

Task Title: DR - Introduction	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Alex			
Description: Begin by introducing yourselves briefly: Go through each team member's name and role(s) on the project, as well as your team name, client, faculty mentor.			
Expected Outcome: Intro the overall project area, sell that it is a vital/valuable market. Intro the client and his/her needs.			

Task Title: DR- Problem Statement	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Turan			
Description: Begin by talking about the overall business area that you client is in: introduce the area, explain briefly how it works, and try to give some motivating info on how big/active/important that sector is. Describe the problem in overall terms briefly, then get down to bulleting out a few specific things that are not satisfactory. By the end of this, your audience should be really clear on what needs fixing.			
Expected Outcome: Few satisfactory slides explaining background of the problem and what our role is in solving the client's problem.			

Task Title: DR- Solution Overview	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Turan			
Description: Provide a broad overview of the solution and outline your plan for fixing the problems you just explained. This section should contain flow charts or graphs to help the audience understand better.			
Expected Outcome: One or two slides explaining the solutions chosen for this projects			

Task Title: Implementation and Architecture Overview	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Chance			
Description: Present an overview of the structure of our solution. Audience should very clearly understand the high level implementation approach we chose, and have the feeling that we did our research and have good reasons for all of those high-level design decisions. Get more detailed in terms of technologies being used and they contribute to the overall structure of the project.			
Expected Outcome: Clear explanation of the architecture and implementation of project.			

Task Title: DR-Risks and Feasibility	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Austin			
Description: Provide an overview of the risks you perceive for your project, and how you analyze them then summarize the outcomes and refer to your Feasibility Report for those wanting details.			
Expected Outcome: Clear explanation of risks.			

Task Title: DR-Schedule and Planning	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Turan			
Description: Offer a short discussion of your project plan, as it stands right now. A Gantt chart is highly recommended, with a "now" line running through it. Go over your main functional milestones…which ones you're through and what's coming. Close with some summary statement of where you are "going well", "somewhat behind, but we think we can catch up", whatever.			
Expected Outcome: Diagram showing the current project status.			

Task Title: DR-Conclusion	**Task Initiation:** 2/13	**Orig. Due Date: 2/25** **Task Due Date: 2/21**	**Status:** Complete
Who (%): Alex			
Description: Finish your talk by providing a solid summary of your presentation: This is where you wrap it all up nicely and bring it all together. Start by briefly restating the importance of the domain, your client's business and processes and what was inefficient about them. Then review your solution vision, and go on to review what key topics you've discussed in this Design Review; do NOT review the details of those topics (you did that already in the middle part), just review what you talked about and the overall outcomes: Requirements acquisition, development of detailed Functional, Performance, Environmental requirements, and risks/feasibility.			
Expected Outcome: Solid conclusion to wrap up things nicely.			

Task Title: Module 1 Development	**Task Initiation:** 1/30	**Orig. Due Date:** 2/20	**Status:** Complete
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.			

This week's Tasks: Work plan for coming week

Task Title: Unit Testing Suite for Module 1	**Task Initiation:** 2/7	**Orig. Due Date:** 2/27	**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:** 2/27 **Updated Due Date:** 3/4	**Status:** In Progress
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:** 2/27 **Updated Due Date:** 3/4	**Status:** Assigned
Who (%): Austin & Alex			
Description: Create a basic set of unit tests based on requirements for module 2. 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: Module 3 Core Development	**Task Initiation:** 2/25	**Orig. Due Date:** 3/11	**Status:** In Progress
Who (%): Turan & Alex			
Description: Develop module 3			
Expected Outcome: Module 3 fully functional			

Task Title: Module 3 unit testing	**Task Initiation:** 2/14	**Orig. Due Date:** 3/11	**Status:** Assigned
Who (%): Austin & Alex			
Description: Create a basic set of unit tests based on requirements for module 3. Unit tests should be black-box tests that ensure modules send, receive, and validate the correct data.			
Expected Outcome: Integrated unit testing with module 3.			

Task Title: Software Design Presentation	**Task Initiation:** 2/12	**Orig. Due Date:** 2/27	**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:** In Progress
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.			