

Weekly Team Task Report

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Team: PathLab				Date:10/05/2018			
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:

- Team Meeting on Thursday 10/04

TASKS COMPLETED since last meeting:

Task Title: Intro Presentation	Task Initiation: 9/27	Orig. Due Date: 10/02	Status: Complete
Who (%): Turan (Lead Editor - 35%) : Intro slides and Problem Overview Alex (25%) : Solution and Conclusion Chance (20%): The Client Austin (20%): Client's Workflow			
Description: Create a slideshow presentation for the overview of our project. This 5 minute presentation will serve as a short efficient and effective way to communicate our project and why it matters to the rest of the class. Each member will practice their slide and present it to the rest of the class.			
Expected Outcome: Completed presentation added to the Google Drive folder. This presentation will be presented in class on either Tuesday or Thursday.			

TASKS COMPLETED since last meeting:

Task Title: Create Team Website - Initial Phase	Task Initiation: 9/30	Orig. Due Date: 10/5	Status: Complete
Who (%): Turan (Lead - 55%): Find out a suitable free-to-use website template for use in later phases Austin(45%): Create the initial 'coming soon' page.			
Description: Create a website on the CEFNS archival server to professionally document our project. The initial task is just to get the site started. For this task we will load an initial index.html page into our website, and ensure that the site is accessible through the link. The index.html page will be our team logo, contact info and an "under construction" message for this phase. You will need a fully functional and gorgeous site by the end of the term.			
Expected Outcome: Active running website on the CEFNS server to notify visitors about the website progress. The website will be live at https://cefns.nau.edu/capstone/projects/CS/2019/PathLab-S19			

TASKS COMPLETED since last meeting:

Task Title: Research Technologies	Task Initiation: 9/26	Orig. Due Date: 10/04	Status: Completed
Who (%): Turan - Alex - Chance - Austin			
Description: Look further into what frameworks/languages will work best for our project. Compare compatibilities, resource usage and optimization issues to pick ideal combinations. This is a non-formal investigation conducted by each team member to facilitate the process of making the decision on which framework(s) to use for this project. Mini-description, pros and cons will be written for every technology.			
Expected Outcome: In our team meeting, every member will go over the technologies they have found for this project. Each team member will make a case for their preferred framework/technology and in the end we will decide a preliminary framework for implementation of this project.			

TASKS COMPLETED since last meeting:

Task Title: Github Access	Task Initiation:	Orig. Due Date: N/A	Status: Completed
Who (%): Chance			
Description: Email Dr. Fofanov to get access to the pipeline Github repository. This will give the whole team a way to look at the structure of the pipeline which is being developed by Dr. Tara Furstenau. In addition, we will be able to track the progress of the pipeline and look out for any core changes.			
Expected Outcome: Gaining access to the pipeline's code base will allow us to understand this project better on a technical level and allow us to make better design choices.			

This week's Tasks: Work plan for coming week

Task Title: Peer Evaluation	Task Initiation: 10/04	Orig. Due Date: 10/09	Status: Notified/In Progress
Who (%): All team members must submit this document.			
Description: Peer Evaluations allow the team and the mentor to look at the dynamic of the team and how everyone is performing. This task requires every member to fill-out Peer Evals for every team member other than themselves. The guidelines and requirements are clearly explained in the task description on our capstone course website.			
Expected Outcome: Email the completed Peer Eval document to the team mentor on or before 10/09.			

Task Title: Client Meeting (Dr. Fofanov)	Task Initiation: N/A	Meeting Date: 10/11	Status: Scheduled
Who (%): Turan (Create a one page report about ElectronJS and submit it to Dr. Fofanov for review) All other team members are expected to attend and contribute.			
Description: In this meeting our team will present our research regarding suitable technologies for this project. We have come to the conclusion that ElectronJS is one of the best tools to build cross platform Desktop Applications. We will discuss the pros, cons, restraints and other relevant information regarding this framework. This meeting will help us understand the client's expectations better and we can discuss with the client whether the framework of our choice will be able to serve those expectations.			
Expected Outcome: One page report submitted to the client. In addition, we will have decided upon the framework and move on to our technological feasibility document.			

Task Title: Website Phase II	Task Initiation: 10/8	Orig. Due Date: 10/15	Status: In Progress 20%
Who (%): Turan (Lead-55%): Delegate tasks to Austin and assist Austin with the process of designing the website. Austin(45%): Gather all files/documents and any other relevant information that are needed for the creation of the website.			
Description: This task will be continuation of the website phase 1 where we set up a 'coming soon' page on the CEFNS servers. In this phase, the focus is to create a more complete website with pages relating to different sections including but not limited to (Home, About, Design, Gallery, Documents, Team and Contact). This website will be the foundation for the much more complete website we expect to have at the end of the semester. For consistency and branding purposes we will try to find/create a theme that will be reflective of our project and engage the visitor with content.			
Expected Outcome: A more complete website with separate sections and team information. Home: Showcase name and a relevant eye-catching picture About: Describe the problem and why it needs to be solved (include some detail regarding demultiplexing and pathogen detection) Design: Show which technologies will be used and how the workflow of the client will be changed. Gallery: This will include placeholder for future screenshots Documents: Weekly task reports, presentations and any other documents produced during the implementation of this project will be submitted. Team: Nice headshot of every team member and some relevant information displayed Contact: Simple PHP contact form for visitors in case if they have any questions. Website will be uploaded to CEFNS servers on 10/15.			

Task Title: Technological Feasibility - Part 1	Task Initiation: 10/05	Orig. Due Date: 10/23 Task Due Date: 10/09	Status: Assigned
Who (%): Alex (Lead Editor - 70%): Read the feasibility assignment document and break sections down into smaller pieces and assign everyone with related tasks. Chance (30%): Read the feasibility assignment 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 technological feasibility document will help us analyze and understand the restrictions of the technologies we have decided to use for this project. It will also be used as a primary document to convince the client of our competence and the technologies we have decided upon.			
Expected Outcome: Because of the value of the technological feasibility document and also the amount of work that needs to be done to produce this document, it is important to break down the document and assign sections/parts to each team member. The goal of this task is to come up with a plan on how to tackle this assignment. Alex will decide on who will be responsible for writing which part and Chance will assist Alex in creating a consistent styling format throughout the document.			

Upcoming Tasks: Planning

Task Title: Technological Feasibility Part II (First Rough Draft)	Who (%): Alex - Lead Editor Turan - TBD Chance - TBD Austin - TBD	Rough Due Date: 10/16
Description: Once Alex has assigned all team members with sections/parts to work on, everyone will need to have their first rough drafts completed by 10/16.		