

Team 12

Project Title: Instructional Dashboard for Learning Networks

Date: 9/29/21

Members:

- Sam Reinart – Front-End Lead
- Tyler O’Hare - Security Lead
- Brett Bethke - Client interaction
- Steven Ehler - Component design
- Josh Caplinger - Team Organization
- James Carter - Testing Lead
- Nick Matthews - Backend Lead

What we’ve accomplished in the past week/what we’ve been researching

- Sam Reinart – Researched the Shiny library (and how to create basic dashboards with it). Research into the FERPA engineering standards.
- Tyler O’Hare - Researched NIST recommendations for security requirements within web services.
- Brett Bethke - Researching R and Shiny
- Steven Ehler - Research network canvas, LMS canvas api, and ADA standards.
- Josh Caplinger - Researching network canvas server and Shiny. As a team we established more defined requirements with our client.
- James Carter - Researching network canvas documentation, specifically exportation of data.
- Nick Matthews - Gathering non-technical and technical requirements based on client meetings. Researching Network Canvas

What we’re planning to do in the coming week

- Sam Reinart – Researching front-end alternatives to Shiny. I will also look into methods for deploying Shiny applications.
- Tyler O’Hare - Research tools used to build shiny applications and get a grasp on their capabilities.

-Brett Bethke - Manipulate the dummy data given to us by the client to see what we can do with it

-Steven Ehler - Research R,

-Josh Caplinger - Complete document of goals and product vision for client. Play with dummy data and research R.

-James Carter - Attempt to build an application using network canvas.

-Nick Matthews - Get familiar with R using client scripts, play with data and start thinking/designing some basic architecture for the application system.

Issues we had in the previous week

-Sam Reinart – Client hasn't been very specific about what they want out of the project. Missed the advisor meeting because I had work (but we decided to alternate the time every week).

-Tyler O'Hare - Since I don't have much experience with the technologies we are working with it can be difficult to judge the feasibility and time it will take to complete different parts of the project.

-Brett Bethke - Struggled to understand some of the specifics of what the client is looking for.

-Steven Ehler - Client vision specifics

-Josh Caplinger - Struggled with getting some specifics of client requirements. Not understanding what work should be being done right now.

-James Carter - What we should be working on to be on track, to solve this we may look into setting milestones with the group/client to stay on track and have a plan.

-Nick Matthews - Gathering technical requirements from the client. Their goal is abstract, which makes it difficult to pin down the exact wants and needs of the client.