# Fall 2021 Individual Journal

Week 1/28 - 2/1 Journal Entry

**Week Goals:**

Come up with an idea that my group and I would like to present to Mr. Andy for our senior project. After a meeting with our professor, we would need to work on the project proposals and brainstorm the product title, product description, requirements, and stretched goals. If the idea is approved, we will look for a sponsor to make the project be used for service learning.

**Work notes**

* Had a meeting with Mr. Andy. He outlined the things that we need be aware of to make our idea work. For example, the project should follow the Abet style.
* Since we want the project to be service learning, we need to get a sponsor. I sent an email to Ken Wisemen and ask if our team could get someone from GoCreate to sponsor us.
* I helped provide the requirements, product description, and stretched goals for the project proposal. I mentioned that the required software technology that we could use to create a website that communicate with our web server.

**What’s next**

* Get approval for service learning from Ken Wisemen.
* Plan on how to make the project work with the team

Week 6: 9/20 - 9/26 Journal Entry

**Week Goals:**

Have a meeting with my team for the project planning paper. Since the paper requires us to write multiple paragraphs for each topic, we need to figure out who should do what topics. After all of us are done with our parts, we will review the paper and make any necessary adjustments. Now that we got a response from Mr. Andy about a potential sponsor that can help us fulfill our service learning, we need decide whether we want to go accept the application or not.

**Work notes**

* Worked on the project planning paper, focusing on data configuration management plan, software development model, and acquisition schedule topics.
* Had a discussion with my team about the sponsor email. We decided to accept it. I sent an email back to Mr. Andy to inform him of our decision.
* Plan how our team will present our project in from of the class

**What’s next**

* Have a meeting with our sponsor
* Prepare ourselves for the presentation that we will give about our project

Week 9: 10/17 Journal Entry

**Week Goals:**

* Have a meeting with my sponsor on Wednesday to ask any questions about the project.
* Compose a schedule of availability to let my sponsor and team members know when I am available.
* Jump start the project design using Figma.

**Work notes**

* Tested out FigJam for producing flowcharts and architecture diagrams. After messing with that, I set up the design prototype of the app using Figma.
* Assigned roles and tasks to my team members and myself on Trello.
* Asked Zack for requirements.
  + Schedule of availability
  + Design ideas that they have so far.
* Gave my schedule of availability to my team so that everyone knows when I am available.
* Set up Microsoft project for our team to plan, track, and deploy our software.

**Progress**

**Graphical user interface, application

Description automatically generated**

**Diagram

Description automatically generated**

**What’s next**

* Continue working on the MS project timeline.
* After receiving the requirements from our sponsor, we can start working on the flowchart on FigJam.
* Create a Github repository.

Week 11 (10/25 – 10/31)

**Week Goals**

* Meet with the IT people from Tabor’s college on Wednesday and discuss their requirements as well as our groups for the project app.
* Complete the block diagram using Figma and present it to my team members.
* Create a React Native app and a Github repository

**Work notes**

* Received a message from the sponsors that the IT people could not make it to the meeting due to an urgent issue, so the meeting had to be delayed.
* Used a Figma feature called FigJam to create the block diagram. The diagram demonstrates how different application and services interact with each other. It contains the frontend, backend, APIs, and services components.
* Used Expo toolkit to generate a React Native app that allows my team members and I to build a cross platform app. The code only contains a boiler plate, but I can modify it and see the changes on Expo.
* After building the app, I went ahead and created a Github repository to host the code.

**What’s next**

* Invite my team members to the Github repository that I generated.
* Start designing the app and get the sponsors’ feedback on it.