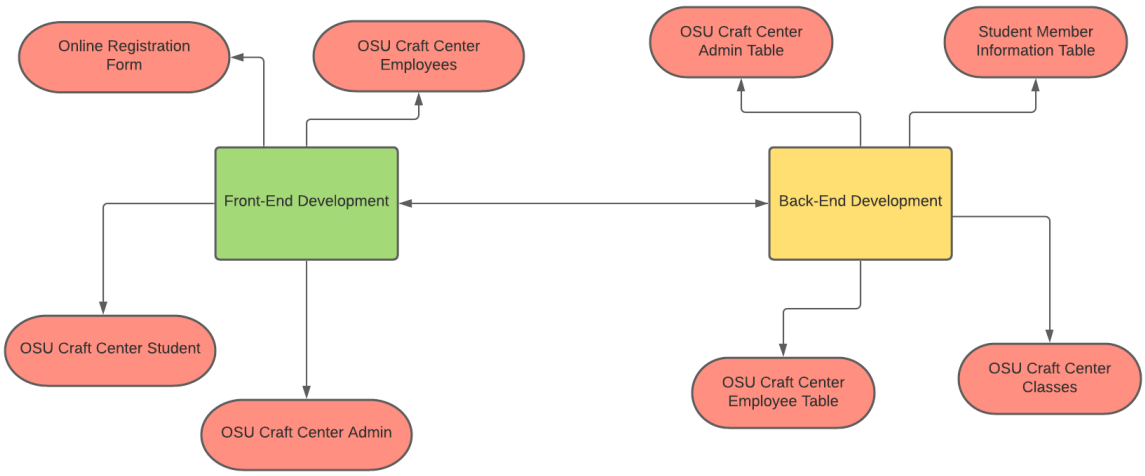
(WIC Assignment) Individual Contribution to Project

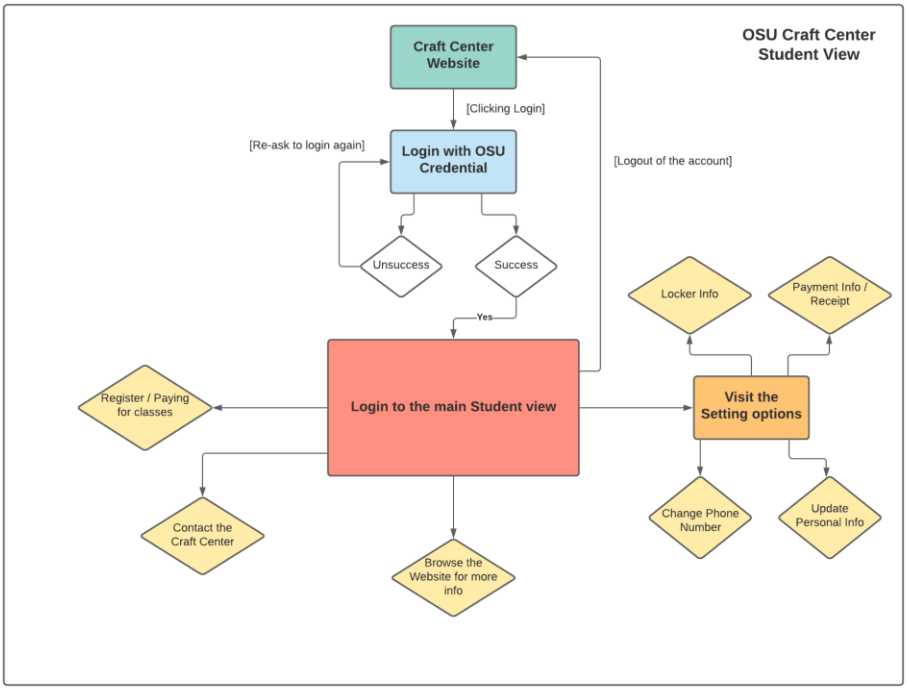
Section 1: Visualizations

Visualization 1: Major Components of the Project

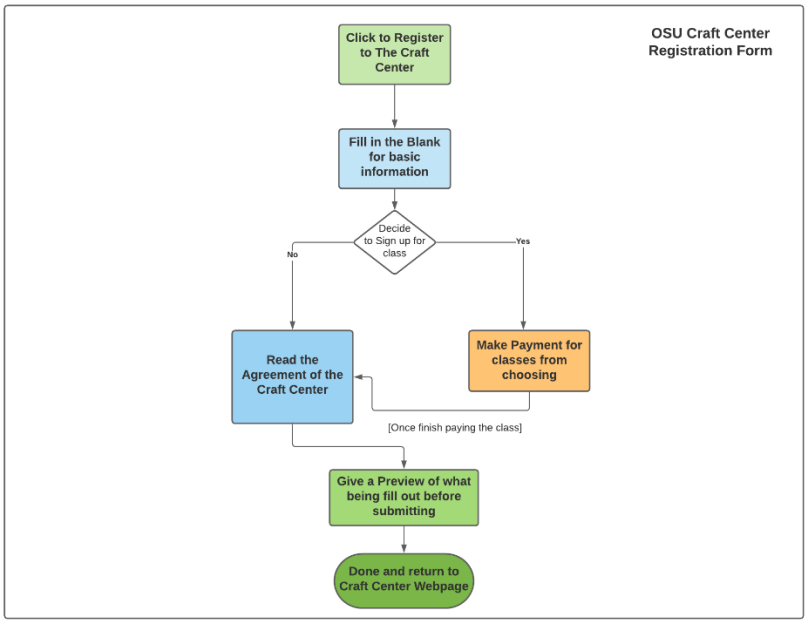


Visualization 2: Break Down to the Component which I'm responsible for in the Project

OSU Craft Center Student



Online Registration Form



Section 2: User Stories

User Story 1:

As an ***OSU student***, I need a way to register online to become as a member of the OSU Craft Center so that I can manage to do it via home or other locations without the need to physically be at the Craft Center to register.

User Story 2:

As an ***employee*** at the Craft Center, I need a database to look through all the members that has been registered to the Craft Center. That way I can pull up the information I need for that member faster than browsing it through an Excel sheet.

User Story 3:

As a ***project partner*** at the Craft Center, I need a well-documented and detail project layout so that later on down the road, if the project is not complete in time, I will have a good documentation to pass it down to the next group who's going to tackle on it next.

User Story 4:

As a ***third-party member of the project (CASS)***, I need a well layout and easy-to-understand system of the online registration portal at the Craft Center so that I will have an easier time managing the system once the group publish the project online.

User Story 5:

As an ***admin*** at the Craft Center, I need a good level of access between public/student, employee, and admin when it comes to the database and other online access. So that I can see the correct content that I can see and have the correct control at what level I am in the workplace hierarchy.

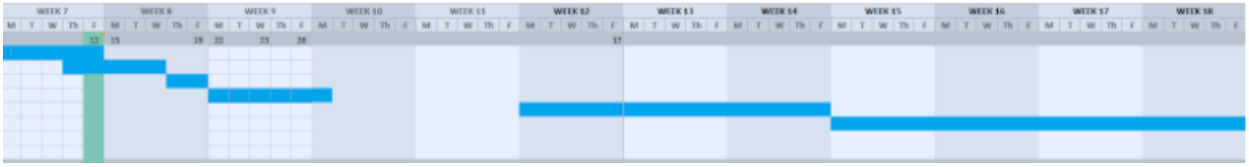
Section 3: Personal Iteration Plan and Estimations

My personal contribution towards the project will include the front-end design of the Craft Center project. Working with another member in the front-end team, we will design a way to make the interface layout that is easily usable for everyone. In the end, we will make the product that is very clear and easy to use while working at the front-end development side. This would include building a website using HTML, CSS, Node, and more.

Being in the front-end development side, I am responsible for ***the student view*** and ***the online registration form*** format when it comes to the experience of interacting with the Craft Center. In section No.1, you can view the flowchart layout of how each component is going to function base on their naming convention component (the ***student view*** & ***online registration form***). With this in mind, the timeline that I have when tackling on this is to build a prototype layout using ***Figma*** during this time in Fall term. Then, after presenting it to the back-end team and the project partner, I will take collective feedback from both groups and then implement the layout during the first month of Winter term. Through the end of the month, I will contact our other members in the team to present what I have and try to see if the front-end will work well with the progress work with the back-end team. In addition to that, I will check in with my other member to see if both of the work we did will operate correctly together.

Below is the timeline and work process of working on the front-end side of the Craft Center team. The layout was incorporated using Gantt Chart.

TASK NAME	START DATE	END DATE	DURATION (WORK DAYS)	TEAM MEMBER	PERCENT COMPLETE
Front End					
Look at Previous Groups Prototype	11/8	11/12	5	Tu & Nancy	100%
Building the Prototype through Figma	11/11	11/17	5	Tu & Nancy	35%
Review Design w/ team, TA, and partner	11/18	11/19	2	Tu & Nancy	0%
Revise design based on feedback	11/22	11/29	6	Tu & Nancy	0%
Revisit and study up on Coding	12/13	12/31	15	Tu & Nancy	0%
Build Landing Page w/HTML,CSS,JavaScript	1/3	1/31	21	Tu & Nancy	0%
Test the navigation & functionality	2/1	2/4	4	Tu & Nancy	0%
Connect w/ Back End data	2/7	2/8	2	Tu, Nancy, Kelly, & Travis	0%



Section 4: Solution Architecture

The design choice we made collectively as a group was to scrap the original team idea and move forward with PHP, MySQL, JavaScript, Node, and any other tools we may utilize it down the road. We came to this conclusion in regard of the last group who used C# to code their project. Based off of their work, it took them a while to learn the whole process to code the online portal for the Craft Center and integrate it into database as well. We were rationally about to follow this route, but time is the constraint, so we unanimously as a group decided to proceed the project into an alternative method to handle within both our front and back-end portion.

Besides that, on the design choice for my end, I followed the group choices collectively using Node to work for the front-end spectrum, but utilized another tool to help out with designing and going along the way of the implementation. I determined that Figma (as mention in section No.3) was part of the tool that was good for the design choice regarding building a prototype. This way, I utilized this software to build a prototype of how the interface layout look like to the general's view and how it navigates through the student view and the online registration form. I presented this to the team to see if they were good with this program to use for prototyping. On top of that, I determined to get reference from the previous group as part of my decision for the project architecture to help project within the front-end team development.