

OSU Craft Center Capstone Project

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Section 1: Background and Problem Statement

1.1 Describe your project in writing at a high level:

Our team is working on the Oregon State University (OSU) craft center Online Registration System project to help the OSU craft center reduce the time it takes to register members to courses offered by the craft center. During the initial meeting, our stakeholders and project partner summarized they would like an online system to handle the registration process in addition to adding courses for registration.

In our own estimation, we found that the project partner is actually looking for a website to store and update member information. This website will be designed to assist with signing new members up to the craft center, allowing current members to update their information, registering members to courses offered by the craft center, and maintaining a record of previous courses taken and payments made by the member. That said, the project partner will still need to consider if payments for craft center equipment (such as lockers) will be within the scope of this portion of the problem.

1.2 Current Conditions:

Currently, our project partner is using paper sign up sheets to accomplish registering new and old members to craft center courses. Fortunately, the previous capstone team started a basic implementation of the website that we can continue to build. The project partner has offered to hire members from the Center for Applied Systems and Software (CASS) if we need further assistance with nuanced issues.

1.3 Existing systems

As it stands, the project team will be able to make use of the existing basic website created by the previous capstone team. This website currently allows members to login or sign up, register for available courses, and edit their information. The system also allows for administrators to edit any member's information if necessary.

1.4 Problems:

The current system does not save the member or course information to the database, doesn't keep track of previous payments made or courses taken by a member, and doesn't fully implement member, staff, and admin access levels as described by the project partner. We hope to spend our time developing better ways to provide the functional and non-functional requirements the project partner wants. These will be further explained in later sections of this document.

1.5 Project History:

Prior to approaching the CS Capstone program, our partner was relying upon using the traditional paper system for membership registration, class registration, and signing waiver agreements. Staff members had to manually input in orientation completion time by documenting it on paper. Moreover, Microsoft spreadsheet was used as a database to view and edit records of members and staff. The previous capstone group that took on this project, was able to implement a database that manages and captures the flow of the system. They were able to provide detailed documentation of all of their steps they have taken to implement the system and the list of important issues that needed to be solved on the back-end of the system.

1.6 List of Terms:

[List the terms that are unique to this project]

- Orientation
- Name
- Registration
- Database
- Agreement
- Paper
- Payment
- System
- Membership
- Fee

1.7 Name the project partners, their stakeholders, or anyone else outside of Capstone:

Our team would like to acknowledge the project partners and stakeholders, including:

- Project partners: Angela Parrott Purviance and Susan Bourque
- Stakeholders: OSU faculty, students, Craft Center staff members, administrators, instructors