CIST 2931/CIST 2950

Systems/Web Project Course

**Project – Team #5** *Spring Semester, 2025*

*For this project, you will create an entire Web-App from scratch.*

*The E-Commerce Application – CTC Small Tattoo Parlor*

**Project Description:**

In this project you will create a Web Application that may be used by Customers who are looking to make an appointment to get a tattoo, piercing, etc. Customers will be able to search available time/dates and make an appointment. Please be discreet here, when choosing phots for your Web-site….

*A Customer Should be able to:*

1. *Create a Customer account to be used to make appointments*
2. *Make changes to their account information at any time*
3. *Login, search available appts, based on time/day and or tattoo-artist.*
4. *Schedule an appointment using their Customer Account*
5. *View a list of all their previous appointments and/or future appts.*

*A Tattoo-Artist Should be able to:*

1. *Login, change any of their information at any time*
2. *View a list of appointments for a particular day*
3. *View a list of all their Customers*
4. *View a single customer’s recent appointments*

*An Admin User Should be able to:*

1. *Login*
2. *Create the weekly schedule for the office(which Artist works when)*
3. *Add new Tattoo-Artists to the database as they are hired*

You will need to complete this Project as a Team. You will need to start from scratch, that is no database is provided, no code is provided. You should start Planning, decide on how you all will communicate, how software will be stored and modified. Then do a complete OOAD(Object Oriented Analysis & Design). And go from there.

The Instructor will act as your Client, that is the Person that you will deliver your software to. You can ask specific questions of the Client(Instructor) to guide you in your project design and coding.

**Project Requirements:**

***PART I: Analysis and Design(60 Points)***

Before you begin Coding, sit down and plan out your project. What Business Objects will you need? Design your Database, and all parts of your Project.

***PART II: Software Delivered(350 Points)*** Create and test extensively all the pieces of this application.

***PART III: User Documentation(60 Points)*** Create Documentation for Software. I would create both Object Documentation, for future software developers that will add/modify this software, and a User’s Guide(maybe a video) so that users of this software can learn how to use this software.

***PART IV: Presentation(100 Points)***

Do no print your code. Near the end of the Semester, you and your team will make a Video of your working software. In your Video You should introduce all your team members, Demonstrate that all aspects of your Web Application work the way they should, Also present some info about your Design and Design Process…also show the User Documentation that you created to helps Users navigate this Application.

**Peer Evaluations:**

After you turn in your Video, each Team Member will be asked to evaluate the other team members. These evaluations will be totaled up as part of your Final Course Grade. ***(200 Points)***

**Instructor’s Evaluation:**

After your Team’s Presentation, the instructor will also evaluate your contributions to the Project. This evaluation will also count as part of your Final Course Grade. ***(160 Points)***

**When is the Project Due?** The Video Presentations will be DUE the last week of the Semester, on **Mon May 5, 2025**