Team 3 Charter

Project: RV Park Reservation Management

Team Name: Team3

Team Motto: "3 is a magic number"

Overview

Internal Meeting Time: Tuesdays, 4:00PM. Online via discord (subject to changes)

Team Vision Statement: We will commit a minimum of 5-6 hours weekly to this project. We are shooting for completion of the project and course at the beginning of May.

Team Contact Info:

- Team members can be contacted via Discord server: https://discord.gg/qZ8dqwZh

- Contact is also possible via emails:

Issac Porter - isaacporter1@mail.weber.edu

Sujit Silwal - sujitsilwal@mail.weber.edu

Alon Saar - alonsaar@mail.weber.edu

Team Guideline and Rules:

The team will work together and strive to reach unanimous decisions on all matters relating to the project. In the event that a resolution can not be reached, the team will reach out to the Professor for guidance and his opinion will be the deciding factor. The team members will work jointly and diligently to complete their weekly assignment and finalize the project.

Background Information

Background Information - As your team currently perceives it for your project. Why does the client need a software system?

(a) Explain background information including

The client runs an RV Park that resides in Hill Air Force Base. It is for the use of DOD personnel, so they can stay with their families. There are various parking spot sizes that the RV Park can accommodate, the RV Park can also accommodate tents. Currently, the customers have to phone in sometime Monday - Friday to make and pay for a reservation.

The Problem Statement for the project your team has selected - As you currently perceive it. Be as detailed as you can in 2-4 sentences.

(b) Address the problem, the domain, and targeted users.

- Problem: The client is currently using a series of whiteboards to keep track of and manage reservations. The reservation process is being handled completely manually. The customers are only able to make reservations Monday - Friday, which limits the ability to manage the park efficiently. The customers also currently have to pay over the phone.
- Domain: Air Force Base RV Park
- Targeted Users: DOD Personnel

(c) Mention whether there are any applications or systems that are similar to your planned work.

Applications or sites that are similar to our planned work are airbnb.com or booking.com. Any sites that offer 24/7 booking and payment services.

(d) Discuss the limitations of other solutions and how you address each limitation.

- Our application only being available to DOD Personnel.
    - We will create a form that takes in their DOD and base card to verify that they are allowed to stay here.
- Wants to manage RV Spot sizes
    - We will organize each RV/Trailer/Motorhome into certain allocated spots to improve occupancy in the park by not putting smaller trailers in a spot that a motorhome could fill.

(e) Make a proposed solution statement (again, as succinct as possible in 2-4 sentences).

Objective: To develop a comprehensive RV park management system that streamlines the reservation process, enhances customer experience, and optimizes operational efficiency for DOD Personnel to stay and camp with their families.

Our system aims to address the challenges currently faced by the client to manage reservations with only markers and whiteboards and no record keeping and replace it with a RV park management system integrated with user friendly designs and seamless reservation experience for DOD personnels.

Project links (add…)

Git: https://github.com/CS3750-Team3/RVPark

Trello: https://trello.com/b/Ajc1HcFA/team3

Software Stack:

- Visual Studio Code

- Express.js

- MySQL(Workbench) (MongoDB might be good as well)

- Github (version control)

- Windows

- (unknown front-end and web server)