





## Team Charter

- Team Name: Tech Titans
- Team Logo:



- Team Motto: Software of very great strength, intellect, or importance.
- Team Vision Statement
  - Team Expectations
    - Each team member is expected to put in equivalent effort, complete all tasks by scheduled review 24 hours before due date, and contribute to all team discussions.
  - Team Photo

Stacey King	Bryce Hutchinson	Tanner Schulz	Nathan Peterson
			
Bio: I grew up in Logan, Utah and attended Utah State Univeristy. I earned my Bachelor's degree in Family and	Bio: Utah born and raised. Before venturing into computer science, I was in aerospace manufacturing	Bio:I grew up around Layton and Syracuse, I currently live in Layton, my interests in technology have led me to study	Raised in Utah, I currently reside in Centerville with my wife. I'll be finishing up my Computer Science degree at

Consumer Sciences Education and Math Education. I've been teaching high school for 13 years. In 2020, I started working on a teaching endorsement in Computer Science and just kept going. I should complete my second bachelor's degree in Computer Science this summer. I currently live in Layton with my husband, 4 kids, and 2 dogs.	building military planes, jets, and helicopters. I am currently a senior at Weber State and have been serving as a Full Stack Web Developer on Hill AFB for over a year as a Computer Scientist Trainee. I currently live in Syracuse, Utah.	Computer Science. I have been a Software developer at H&R block and have recently switched my career to a devops Engineer.	Weber this Spring.
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- Team [Contact Info](#) including External Meeting Times / Locations / Methods

Name	Email (non-Weber)	Phone	Skills/Experience	Preferred Availability Outside of Class
Stacey King	staceyjking@gmail.com	435-760-4007	1. Python, JS, C++, C# 2. MySQL creating, updating, querying 3. GitHub - branches/merging 4. Not much	"Standup": M,T,TH,F before 1PM, T,W,TH after 3:30  2 Hour: T after 6, TH after 8 preferred
Bryce Hutchinson	bryce.eugene@outlook.com	801-718-0714	1. C, C++, C#, Java, JS 2. MySQL, SQL, MongoDB, EFCore 3. Git, GitHub 4. MSBuild, Selenium,	M-Th: 2:30PM - 5PM, 8PM - Whenever  Friday: After 2:30PM

			General Unit and Regression Testing 5. I have been a fullstack developer for Hill AFB for over a year now. We use .NET stack with SQL as the database	Weekends whenever
Tanner Schulz	tannerschulz@mail.web er.edu	801-557-9696	C++, C#, Blazor, .NET, MSSQL, GIT, ADO, Docker, Software Developer for H&R Block for 3 years, DevOps Engineer for Biomerieux for 2 years	M-F after 5pm generally available on weekends
Nathan Peterson	petersonnh@gmail.com	801-200-1412	HTML, CSS, JS, Java, C++, C#, SQL, git	Available M-F after 5:30pm, any time on the weekends

- Team Guidelines and Rules (for Conflict Resolution)
  - Address concerns immediately with the team in Discord
- Team Roles/Responsibilities
  - Project Manager - Stacey
  - User Interface - Nathan
  - Database - Bryce
  - Back End Developer - Tanner
- Weekly Team Meetings: Wednesday at 8 PM in Discord

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

The current system of manually booking rentals leads to problems including: no record of rental history, easy to erase and lose data, limited hours to reserve, no receipts or confirmations, inconvenient, double booking, incorrect gathering of information, and incomplete information.

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

There is no electronic system for booking and paying for camping sites at the RV Park on Hill Air Force Base. Campers need a way to reserve, pay for a site, and receive a confirmation number at any time. The manager needs a way to keep track of which sites have been rented and paid for and to inform campers about the campsite, which sites are available, and the rules, regulations, and restrictions on reserving a campsite.

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

There are other applications available: Campspot, RoverPass, Guesty, CampLife

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

Other solutions are either too specific to their application, or much too broad for the client, who is transitioning from a purely analog solution

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

We are proposing a web application that is mobile friendly which will provide DoD personnel with information about the RV Park, allow DoD personnel to view campsite availability and cost, reserve and pay for a reservation, and store user data for ease of use in the future. The web application will allow Scott and any other camp host to gather complete customer and reservation data, track reservations, enforce regulations, view reservation history, and generate daily and nightly reservation reports.