

1 Introduction

1.1 Purpose

The purpose of this document is to allow users to gather information about the opportunities that Governor's Outdoors provides. This will encompass trips and information about various things we provide. It will allow the user to be able to rent out equipment such as camping/backpacking, boats/paddling gear, and climbing gear. It will allow users to create secure accounts and directly link their rentals to their account; this will allow us to be able to charge overdue fees and inform the individual who rented the equipment as a reminder when their rentals are due back.

1.2 Scope

This vision document is applied to the Governor's Outdoors Web Application which is being developed by a small group of 3 individuals. The Governor's Outdoors Web Application will provide a user-friendly interface for students at APSU to learn about trips and events hosted by Governor's Outdoors, while also providing functionalities for rental gear and user accounts. The application will also hold a gallery of photos taken on trips while allowing users to submit their pictures for us to consider in the gallery.

2 Positioning

2.1 Business Opportunity

The Governor's Outdoors Web Application aims to enhance the outdoor experience for APSU students and enthusiasts by providing a visually engaging platform. Unlike the current basic section on the APSU website, our application will offer comprehensive information and resources for outdoor activities. By highlighting the significance of outdoor engagement and offering convenient access to essential supplies and destinations, we aim to promote a culture of exploration within the APSU community.

2.2 Problem Statement

The problem of	The current Gov's outdoors not selling rentals online. Making information easier, and more convenient to find
affects	All college students who go to Austin Peay or individuals might be interested in hiking, kayaking, rock climbing, and caving
The impact of which will be	The encouragement of more student and community engagement in Gov's Outdoors

A successful solution will allow	Users rent out equipment needed to go on trips. Users to easily access information about everything that Gov's Outdoors has to offer. Users upload pictures of trips that they have been on. Users to stay up to date on the latest information and happenings of Gov's Outdoors
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3 Stakeholder and user descriptions

3.2 Stakeholder Summary

Name	Description	Responsibilities	Skills
Developers (Bricen) (Evan)	This stakeholder is a member of the development of the Governors Outdoors Application	Responsible for the overall development of the Governor's Outdoors application	Java HTML MySQL
Project Lead (Kenneth)	This stakeholder is a primary lead in the development and manages the development and requirements.	Specifies development plan, planned functionality and assists in the development	Java MySQL

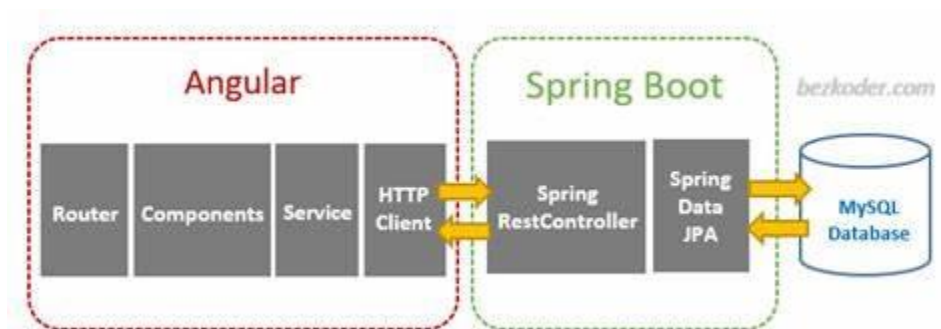
3.3 User Summary

Name	Description	Responsibilities	Stakeholder
Hikers	Primary end user of the web application	Uses the application to rent out camping supplies, and receive information about future trips	self
Austin Peay Students	Primary end user of the web application	Uses application to receive information and sign up for future gatherings	self

Climbers	Primary end user of the web application	Uses application to rent out gear and get information about the challenges and courses that Governor's Outdoors offers	self
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4 Product Overview

4.1 Product Perspective



4.2 Summary of capabilities

4.2 Ability to track rentals

The web-based application will contain capabilities to monitor the number of rentals that are currently in use, measure that against the number of available rentals, and let the customer know if the rentals are out of stock.

4.2 Ability to add gear to their Wishlist

This feature will allow the user to be able to add gear to their Wishlist and allow the user to save it there and come back later when they would like to rent the gear out.

4.2 Ability to sign users up for events or trips

Users will be able to sign up and register for events and trips that the Governor's Outdoors has to offer. This will keep track of the number of people who have already signed up and alert the user of how many open spots are still available.

4.2 Ability to accept payment

Users will be able to pay online for the gear they rent.

4.2 Ability to allow users to submit photos

The Governor's Outdoors web application will allow users to upload photos that they have from events, trips, rock climbing at the wall, or various places that they have been that they used rental gear for, and this will be displayed on the website.

4.2 Ability to inform users

The web application will require frequent updating due to the constant changing events and trips, and as such it will constantly be changing to show users the newest information on the things that the website will offer.

4.3 Assumptions and Dependencies

- 1) Rental gear availability is regularly updated, and the information on the website is always up to date.
- 2) Users have devices that will be compatible with the web app.
- 3) Late fees will encourage renters to return their gear on time, which will allow more people to be able to rent them out.
- 4) Users will provide up to date information on personal information

5 Product Features

5.1 System Features

- 1) Allows users to add rentals to their Wishlist
- 2) Allows users to add rentals to their shopping cart
- 3) Allows users to Upload photos for future use on the website
- 4) Allows user to sign into their account
- 5) Allows users to create an account
- 6) Allows users to search for specific information they are looking for
- 7) Allows users to sign up for future events
- 8) Allows users to contact Governor's Outdoors
- 9) Allows users to pay for their rentals
- 10) Alerts users when their rental is overdue

5.2 Precedence and Priority

Priority	Feature (by number above)
High	2,4,5,7,8,9,10
Medium	1,6
Low	3

6 Constraints

- The first constraint of the project will be to create a connection between our website and the back-end database. This will be difficult because we have limited knowledge of creating a project of this scale. Another challenge is the amount of self-learning that we will have to do to gain a grasp over Angular since it is a new system to us. This in addition to the other course work will limit our focus as well. The project must be done in a short amount of time and this time restraint will add pressure to the learning curve. Lastly the constraint of the development period being shortened will make this task much more difficult.