

# Climb With Me

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# Description

- Web application intended to make the process of finding a climbing partner more convenient.
- Users can make and respond to partner requests for their area and preferred discipline of climbing.
- Gives climbers a place to have discussions via blog posts/comments and private messages.



# Features

- Sign in securely with Okta Access Management
- Simple front page shows blog posts and post requests
- Create blog posts
- Comment on blog posts
- Directly message other users/respond to blog posts



# Planning - User Stories

- Motivated from days spent at the climbing gym climbing alone due to social anxiety, as well as stories of climbers getting injured due to not being able to find someone to go with them when climbing outdoors.
- I knew that meeting new people is often easier online, especially for those with social anxiety, so an app that made this easier for climbing would help more people climb safely.



# Planning - Database

- A posts table that holds the content of each blog post and the username of the user who posted it
- A comments table that holds the content of each comment, the username of the user who posted it, and a foreign key of the the parent post
- A messages table that holds the content of each message and the usernames of the sender and the recipient
- A partner requests table that holds the username of the user who posted it, the city they're looking in, and the discipline of climbing they're interested in



# Technology Stack

- Java
- Spring MVC
- Thymeleaf
- Hibernate ORM
- Okta Access Management Platform
- Bootstrap



# Demo



# What I Learned

- Better understanding of Bootstrap
- Handling users with an access management platform (Okta)
- Relating external data to database schema
- Securely creating and logging in users





# What's Next

- Friends list
- Google Maps to show climbing gyms and outdoor climbing areas near the user
- Separate posts and requests into 'recent' and 'all'
- Deploy!

