



Capstone 2 – Proposal

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Springboard

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Overview

Game Night (name not decided on) is a web application to organize your game nights with family and friends. Look up board games and save them to favorites. Send game suggestions to your family or friend group and set a date/time to play. Look at the game rules or watch videos on them beforehand, all in one place!

Tech Stack

Backend

Node.js | Express | PostgreSQL

Frontend

React | Material-UI | JavaScript | HTML | CSS

Demographic

Board game enthusiasts from all ages.

Data

Utilizes user info submitted through the app. The board game data will be from the [Board Game Atlas API](#).

Schema

Tables will likely be users, groups, and favorites.

Sensitive Info

User passwords and emails.

Functionality

Login/Signup

Users can login and sign up.

Create Groups

Users can create groups to plan the game night with friends.

Features

Search

Search for game titles, genre, publishers, etc.

Videos

Games will list instructional videos, to get up to speed before playing.

Favorites

Save your favorite games.

Reviews

Post reviews for games that you've played.

User Flow

From the homepage, users can search for games right away. After creating an account a user will be able to create groups and add friends. Then they can link the games they would like to play. Clicking on a game link will go to a game details page. Here the game description and instructional videos will be available.

Stretch Goals

Would like to be able save the game night to Google Calendar, using their [API](#).