

Design Document

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Project 2 CS5610

Project Description

This is a basic backend application using Node + Express + Mongo and HTML5. The application is a hiking site social media where users can discover new trails through other people's reviews of them, and track their own progress with their own reviews.

User Personas and Stories

User 1: Petra is a new hiker who has recently moved to Colorado, and is interested in what trails to hike!

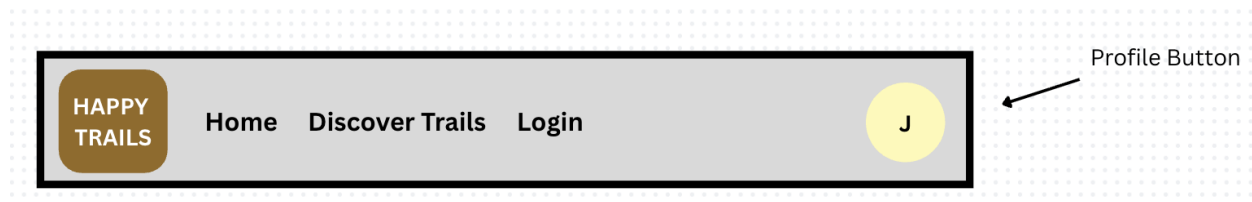
Story 1: Petra logs onto "Happy trails" to discover popular hikes in their area. They read several reviews of trails, and use the discover trails feature to find some promising trails to hike. Jen will be covering this user story

User 2: Alex is an experienced hiker who wants to track their progress and share their difficult trail completions with other hikers

Story 2: Alex is excited to make an account to hold their personalized hiker information, and logs in. They immediately change their display name to be their trail name from their thru hiking so that they can better write hiking reviews. Kinsey will be covering this user story

Design Mockups

The nav bar will contain 4 links to the homepage, the discover trails page, a page to log in, and a users profile page.



The login page will allow users to enter their username and password to login to their account in order to see their posts.

Login Page (Kinsey)

A wireframe of a login page. It features a central area with a dotted background. At the top, it says "App Name here!". Below that are two input fields: "username" and "Password". Under the password field is a yellow "Login" button. At the bottom, it says "Background picture her".

The personal page allows users to see all of their posts, edit and delete their posts, and edit their profile which allows them to update their email, password, and display name. The circle top left will contain the first letter of their display name. A potential bar on the left will display their experience level, # of posts, and total distance traveled.

Edit (modal on personal page)

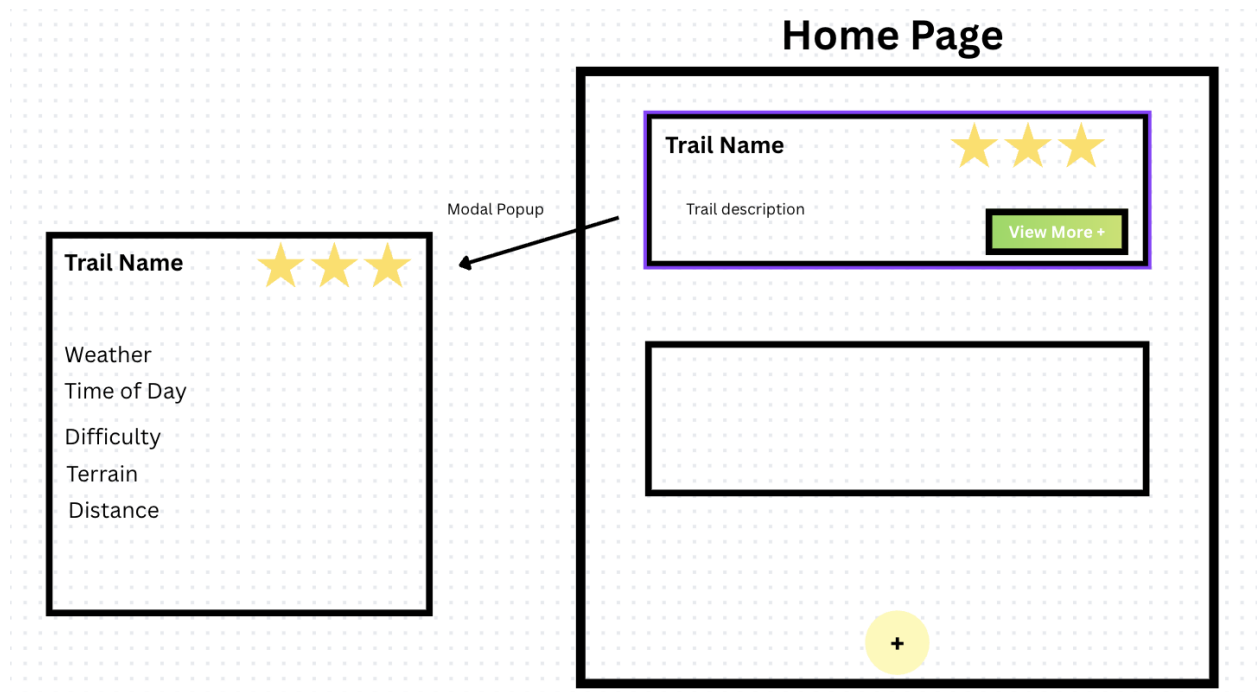
A wireframe of an edit modal. It has a dotted background. At the top, it says "Welcome Username:". Below that are three labels: "Email:", "Password:", and "Display name".

Personal Page (Kinsey)

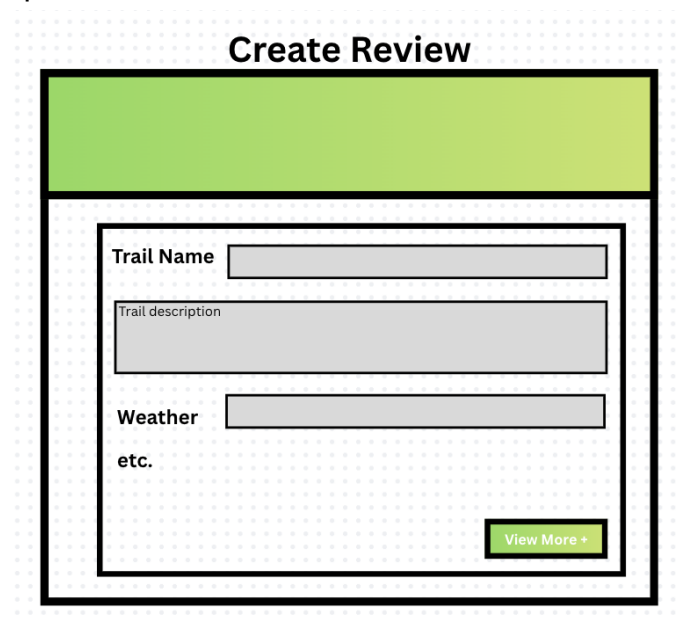
A wireframe of a personal profile page. At the top, there's a navigation bar with "Home" and "Discover Trails". Below that is a green header with "Kinsey Bellerose's Profile" and an "Edit Profile" button. To the left of the header is a yellow circle with the letter "K". Below the header is a "Posts" section. On the left side of the posts section is a sidebar with "Experience Beginner", "Trails Logged 4", and "Total Distance 100000 miles". The main area shows a post with "Trail Name", "Review description", three stars, and fields for "Weather", "Time of Day", "Difficulty", "Terrain", and "Distance". At the bottom of the post are edit and delete icons. Below the post is another "Trail Name" entry with two stars. To the right of the post is a "View/Edit/Delete" link.

The home page will contain all posts from all users, allowing users to scroll through to find new trails. Each post will contain trail information including trail name and

description, the users star rating of the trail, and the user that posted the review. Clicking view more will show all of the data for this review.



In the top right of the home page will be a button to create a new review which will pop up with this modal.



The final page is the “Discover Trails” which will be a list of trails from the database of Colorado Trails and users will be able to potentially search for trails and filter for certain trails.

List of Trails

search

filter