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CMPS 480

Use Case

**Hiking Trails Website Use Case Description**

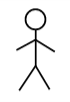
Upon navigating to this website, users will land on the login page. Existing users could enter their credentials, which would allow them to maintain a set of favorite trails and other tailored interests within the site. This SQL or MySQL database would be maintained by the site administrator(s). The login page will also include a link for new users to create credentials.

After logging in, a user will be presented with a choice of states to begin narrowing their search for hiking trails. Each state link will navigate to that state’s page with trail choices for that region.

Users will also be able to manage their saved account information such as their email address, password, and demographic details.

The site is designed as a startup but has a decent potential for growth and expansion. As more trail data is added and the scope expanded, it would be reasonable to allow the user’s saved information to automatically shape their experience. For example, new users could be suggested trails near their entered address or based on their device’s reported location. Users could also save preferences to narrow their searches as well. Parameters such as trail difficulty, geographical features, wildlife potential, and points of interest could all be

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Create New Account

Public User

Login Successful

Existing User - Enter Credentials

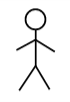
Not In Database

Maintain Trail Information

PA Trails and Info

WV Trails and Info

MD Trails and Info



Maintain MySQL Database for User Credentials and Settings

Site Admin

Site Testing/Troubleshooting