

Release Notes for Website Update - Version 1.3.0

Release Date: November 20, 2024

Target Audience: End-users looking to explore climbing routes, contribute to the database, and enjoy an improved interactive experience.

High-Level Overview

This release focuses on enhancing user experience by introducing advanced features like searching and filtering climbing routes, adding new routes, and displaying ratings for existing routes. Additionally, the styling of the message board page has been refined for a cleaner, more user-friendly appearance. Admin-level controls have also been implemented, granting administrators the ability to delete any user's message. To maintain data integrity, unauthenticated users cannot add new routes, and the "Add Routes" button is now disabled when users are not logged in.

Feature Highlights

1. Advanced Route Search and Filter

- a. Users can now search and filter climbing routes based on:
 - i. Name: Quickly find a route by its specific title.
 - ii. Grade: Narrow down routes that match your skill level.
 - iii. Route Type: Filter by sport, trad, or bouldering.
 - iv. Safety Rating: Find routes based on user feedback regarding safety.
 - v. Area Name: Explore routes within specific regions.
 - vi. First Ascent: Learn about routes with historical significance.
- b. This functionality streamlines route exploration, making it more accessible and personalized for users.

2. User-Generated Routes

- a. Users can now add their favorite climbing routes to the site, provided all required fields are completed, including route name, grade, Route Type, Safety Rating, Area Name, First Ascent, and Coordinates
- b. This feature ensures the database remains dynamic and reflective of user input, creating a continuously evolving repository of routes.

3. Admin Privileges

- a. An admin account has been established with the authority to delete any user's messages. This ensures that inappropriate or spam content can be moderated effectively.

Optimizations

1. Message Board Styling

- a. The message board page has undergone significant styling enhancements, resulting in a polished and visually appealing interface. These updates make it easier for users to navigate and engage with posts.

2. Route Card Ratings

- a. The route cards now feature a rating field, allowing users to see aggregated ratings for each route. This provides valuable insights into the quality and popularity of routes, aiding in decision-making.

3. Add Routes Button Accessibility

- a. The "Add Routes" button is now disabled for unauthenticated users, reducing confusion and ensuring that only logged-in users can contribute new routes.

Bug Fixes

1. Route Coordinates Display

- a. Previously, coordinates were not displaying properly on the route cards due to inconsistencies in variable naming. This issue has been resolved by aligning the naming conventions, ensuring accurate data rendering.

2. Reviews Table Conflicts

- a. Initial attempts to create a separate reviews table caused compatibility issues with existing data structures. To simplify the system, the routes table was updated to include a rating variable directly, eliminating the need for a separate table and ensuring seamless integration.

Contributor Updates

1. Ollie worked on implementing the advanced filtering and search functionalities for routes.
2. Brie focused on further refining the CSS styling for the message board, improving the overall aesthetics and usability.

3. Kristin set up the admin account, granting the ability to delete messages from any user and updated the “Add Routes” button to be disabled when users are not logged in, ensuring better control and functionality.
 4. Arielan finalized the implementation of user-generated routes, ensuring database integrity and smooth submission processes.
 5. Suhani added the rating field to the routes cards, updated the database to include the rating variable, and fixed the reviews table bug that previously caused conflicts with existing data structures.
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Action Items for Next Week

1. Implement a user review submission feature to complement the rating system.
2. Continue styling refinements on the routes page, including better spacing, layout alignment, and image additions.
3. Enable users to click on a route's card to view an expanded detail page showing all the information about the route, including name, grade, route type, safety rating, area, first ascent, coordinates, and aggregated user reviews.