

Release Notes for Website Update - Version 1.2.0

Release Date: November 13, 2024

Target Audience: End-users looking to interact with other climbers, explore climbing routes, and easily navigate the website's content.

High-Level Overview

This release introduces exciting new interactive features and an improved user experience, allowing users to connect with other climbers, share messages, and explore climbing routes across Colorado. With a focus on enhancing user interactions and data display, these features create a more engaging and useful platform for our climbing community.

Feature Highlights

1. Messaging Functionality

- a. **Message Posting & Replies:** Users can now post messages and respond to others' posts. This feature encourages communication among climbers, helping them organize events, share advice, and build connections.
- b. **Permissions & Security:** Only authenticated users can post or reply to messages, ensuring a safe and controlled environment. Additionally, each user can only delete their own messages, adding a layer of security and personal control over content.

2. Route Display in Card Format

- a. **Comprehensive Colorado Route Database:** Users can explore a curated list of climbing routes in Colorado, displayed in an easy-to-read card format that organizes information and improves readability.
 - b. **Backend & Frontend Integration:** Significant database enhancements and interface improvements allow routes to display accurately. Data was carefully curated and structured in the backend, with a frontend display tailored to be user-friendly and visually appealing.
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Optimizations

1. Enhanced Message Page Styling

- a. Improved styling on the messaging page for a more polished and inviting user experience. Layout adjustments, color contrasts, and font tweaks contribute to easier readability and a clean, user-friendly interface.

2. Refined Route Card Design

- a. Organized Information: The card layout for each route simplifies navigation, allowing users to browse routes quickly and efficiently.
 - b. Visual Improvements in Progress: Ongoing updates to enhance spacing, add relevant images, and streamline layout, with a focus on visual appeal and ease of use.
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Bug Fixes

1. Routes Table Formatting

- a. Previously, certain routes were not being displayed correctly due to inconsistencies in data structure. By removing entries with incorrect formats and expanding character limits for some fields, the database now displays routes accurately.

2. GitHub Sync Issue on Routes Page

- a. An issue prevented recent changes on the routes page from syncing correctly with the GitHub repository. This was manually resolved to ensure that all updates appear as intended in the main branch. The team is implementing more consistent sync checks to prevent similar issues in future releases.
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Known Issues

1. Coordinates Display Issue on Route Cards

- a. Some route coordinates are not displaying as expected. This likely stems from data type inconsistencies in the database. The team is reviewing and standardizing data formats to resolve this issue in an upcoming patch.
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Contributor Updates

- 1. Ollie worked on implementing functionalities for adding messages on the messaging page.
- 2. Brie focused on enhancing the CSS styling of the messaging page for a better user experience.

3. Kristin resolved the bug associated with the database, implemented user authentication for replying to messages, and set restrictions so only message authors can delete their posts.
 4. Arielan worked on populating the routes table with accurate data and fixed related database bugs.
 5. Suhani created and styled the cards for the routes display and addressed the GitHub synchronization bug to ensure accurate updates.
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Action Items for Next Week

1. Admin User Development

- a. Create an admin user role with permissions to delete reviews and messages, giving moderators greater control over user-generated content.

2. Route Page Enhancements

- a. Add images to the routes page to make it visually engaging.
- b. Improve overall styling and layout for a more cohesive user experience.

3. Search & Filter Functionality

- a. Implement search and filtering capabilities on the routes page, allowing users to easily find specific routes based on location, difficulty, and other criteria.

4. Extended Route Features

- a. Enable users to leave reviews on individual routes.
- b. Add functionality for users to suggest or add new routes directly to the database.