User Menu

Bluetooth Low Energy Tracker (BLU)

Version 1.0
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Summary

BLU is a website that works with location tracking devices to map a user's movement and log that information to a database. The user is able to register tracking devices to other users and then can access paths that were previously mapped on the user's account. This document will explain every feature that the user will be able to access.

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1. Login Page

The landing page of the site is the user login. From here, multiple options to the user are available.

1. Enter your email and password for your account and click "Sign In" to enter the Dashboard.
2. If you forgot your password, click "Forgot password?" and enter the email for your account. You will receive an email to change your password.
3. If you do not have an account, click "Create an Account," and you will be redirected to the account creation page.

2. Create Account

Create Your BLU Profile

Enter your Email

Enter Email

Create your Password

Enter Password

Confirm Password

Enter Password

Create Account

This page allows you to create an account

1. Input your account information.
2. Once created, a verification email will be sent to the inputted email address. Click the link in the email to verify the account.
3. Once verified, you can now return to the login page to log in.

3. Dashboard

The dashboard is a page for navigating to other features. It is also the first page to show the header of the website, which comes with the following features:
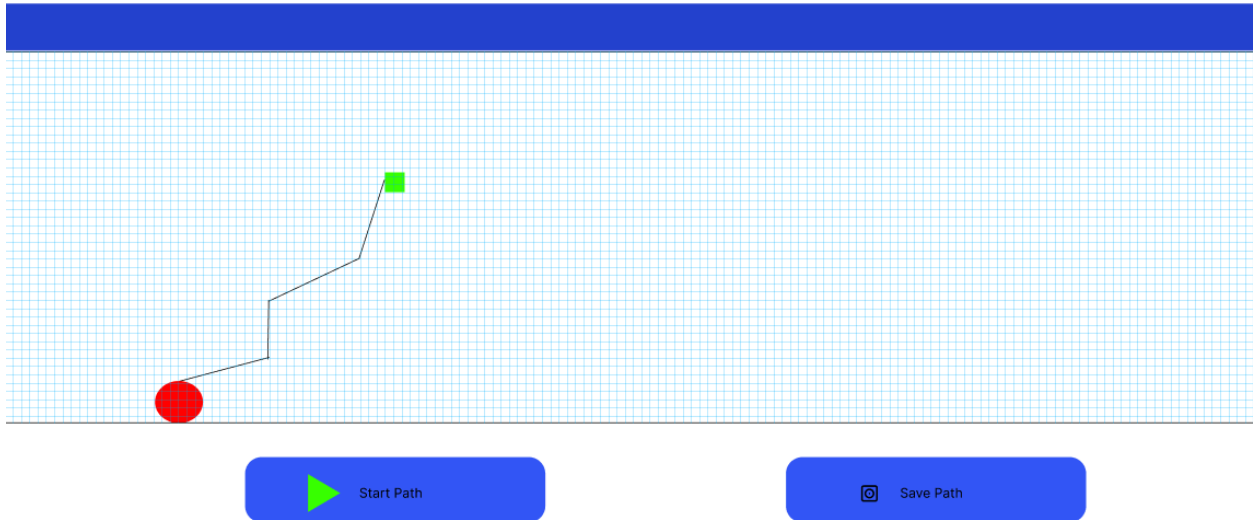
1. You can click on the user icon to access the User Profile page.
2. You can click on the website logo to return to the Dashboard from other pages.

The three buttons in the middle of the page will direct you to:

1. The Map Queue page, which redirects to the Device Tracking page.
2. The Previous Paths page.
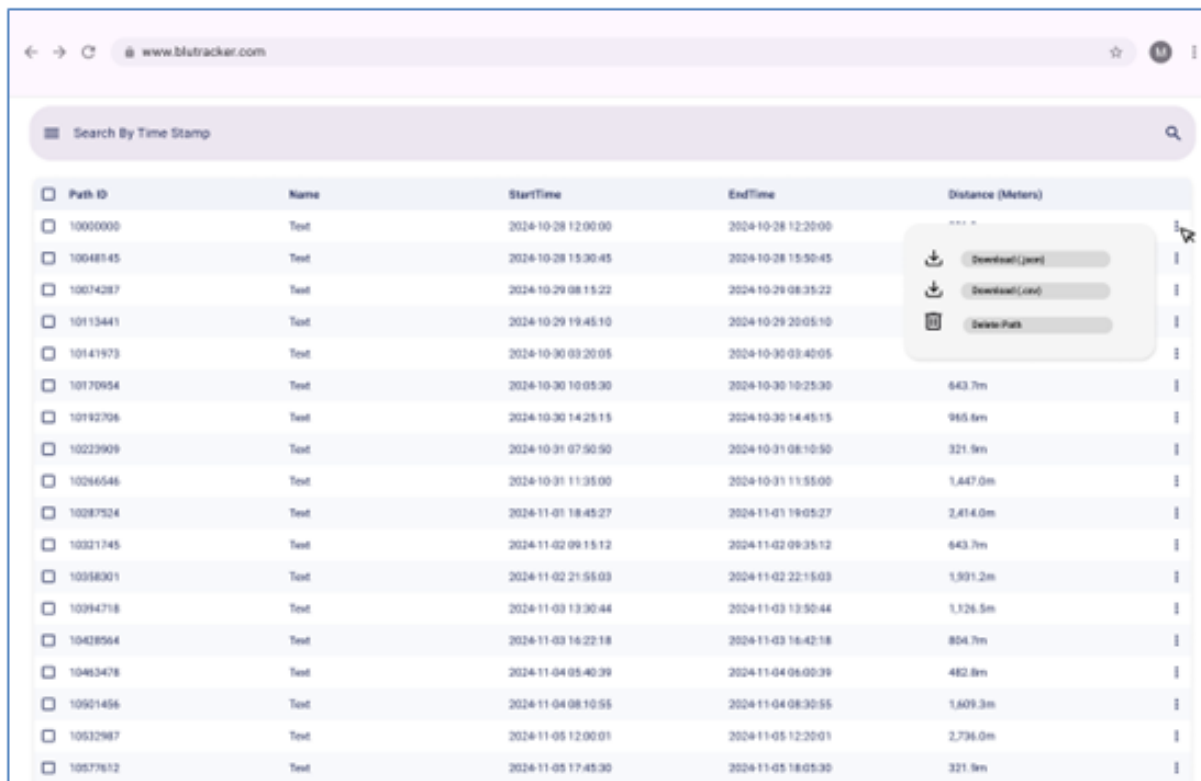3. The Pair Device page.

4. Device Tracking

This page allows the user to track movement and save it to their account. It is accessed through the Dashboard page. The steps for using this page will be detailed below.

1. When the page opens, You can begin by clicking "Start Path." Name the path once prompted. The "Start Path" button will change to "End Path."
2. Continue using the device to track the path on the map.
3. You may pause the path tracking at any time, and then unpause at any time.
4. You may customize the map using a dropdown menu at the top of the page.
5. End the path by pressing "End Path." This will restart the map and send the path data to the database.

5. Access Previous Paths

This page can be accessed from the Dashboard Page It allows you to view each path file and several characteristics. It comes with the following options:

1. Search paths by name using the search bar.
2. Sort paths by their columns.
3. Download or delete a file with the menu at the end of each row.

6. Register Device

Register Device

Device Name

[Value]
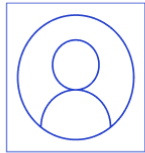
MAC Address

[Value]

IP

[Value]

Notes

[Value]

[Register]

This page can be accessed from the Dashboard as well as the User Profile page. It allows you to add a new tracking device. Simply enter its name, MAC address, IP address, and any notes, and you will be able to submit this new device. If the device is already registered, you will be given access to it via the Map.

7. User Profile

The User Profile can be accessed from most pages using the top right icon on the webpage header. It allows several functions and customizations:

1. Update your username or email by typing new inputs for those in the textboxes and then clicking "Update Profile"
2. Delete your account by pressing "Delete Profile."
3. Access the Path History page using the "Path History" button.
4. Access the Register Device page using the "New Device" button.