

# **Telaverge Communications Pvt Ltd**

## **Project**

### **URL Shortener**

**Name : S Hruthik**

**<mailto:HRUTHIK.20201CSE0682@presidencyuniversity.in>**

**Roll No : 20201CSE0682**

**Mobile No : 9148190397**

**College: Presidency University**

**Project Name : URL Shortener**

**One drive Link: [Telaverge Communications Pvt Ltd Project URL Shortener](#)**

**Google drive link**

**<https://drive.google.com/drive/folders/1wf9fTDxygYiAMAJsDvbbynucoHO-x61F?usp=sharing>**

**GitHub Link : [https://github.com/iamhruthiks/Telaverge-Communications-URL\\_Shortener](https://github.com/iamhruthiks/Telaverge-Communications-URL_Shortener)**

#### **About**

A Web Application which takes the long URL as input from the user and gives the corresponding short URL to the users.

## **Features:**

### **1. Registration and Secure Authentication:**

- ◆ Enables the user to register and authenticate securely within the system.
- ◆ Implement robust authentication mechanisms to ensure security.

### **2. URL Shortening:**

- ◆ Provide functionality for users to input long URLs into the System.
- ◆ Automatically generate a unique, abbreviated alias for each submitted URL.

### **3. Redirecting Short URLs:**

- ◆ Upon accessing the shortened URL, redirect users seamlessly to corresponding original URL.

### **4. Link Analytics:**

- ◆ Offer basic analytic insights such as click counts and referral sources for shortened URLs.

### **5. User Dashboard:**

- ◆ Develop a personalized dashboard for users to access and manage their shortened URLs as well as view associated analytics.

### **6. Persistence:**

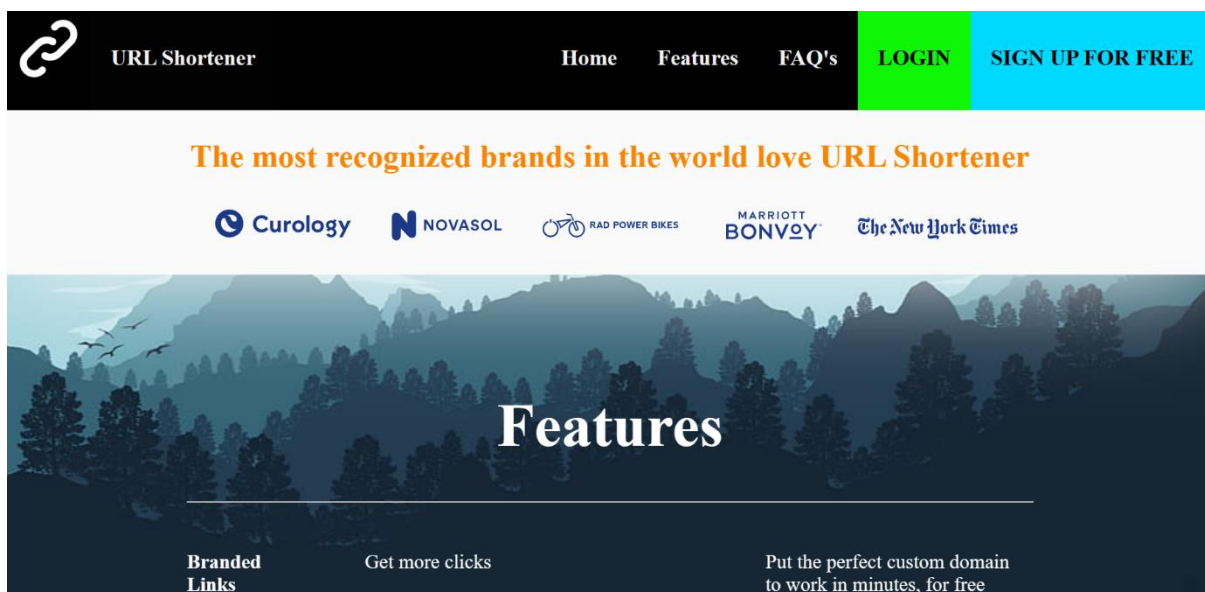
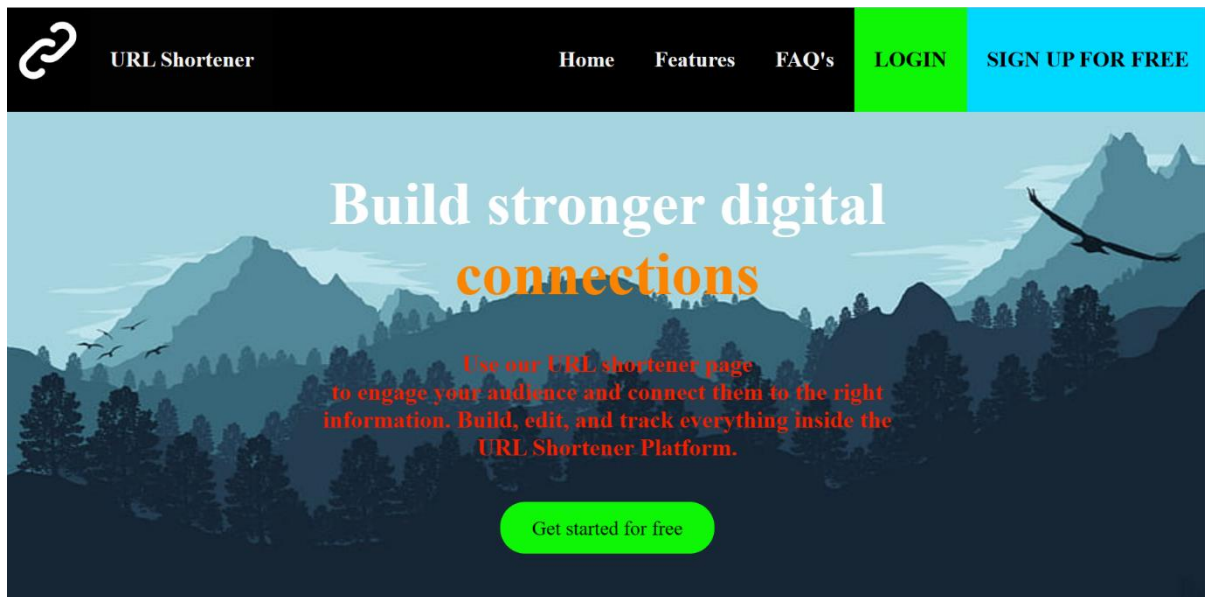
- ◆ Utilize database storage to maintain user information, URL mappings, and analytics data securely.

## **Tools/Technologies used:**

- ❖ **HTML, CSS and JavaScript** – Front End
- ❖ **PHP and AJAX** – Back End
- ❖ **XAMPP** – Web Server
- ❖ **MySQL** – Database

## Screenshots:

### Home.html





# Features

## Branded Links

### Get more clicks

You can take total control of your content. By using your brand in your links, your audience will know they can trust them.

Put the perfect custom domain to work in minutes, for free

url shortener combines custom domain setup and complete link management into a single brand-building platform. Start taking advantage of the power of branded links on day one.

Turn your links into brand assets

With trust comes action. Businesses

Create recognizable links

Take custom links a step further



## Links

Tap into the powerful Bitly API to create thousands of unique SMS communications for customer support updates, order statuses, service delays or changes, appointment reminders, fundraising, and location-based promotions using short branded links. And, since they're short links, save on SMS per-character fees.

### QR Codes

Instantly generate a QR code for any of your Bitly links. Our QR Codes have all of the powerful tracking and features of our links and can be placed virtually anywhere—print media, billboards, storefronts.

Use url shortener's mobile deep links to directly route users to the right place within your app or send them to the app store to download it. Deep links create a seamless transition to mobile, drive app engagement, and encourage app installs.

### Campaign Management & Analytics

A real-time, interactive dashboard gives you a full view of metrics like app opens and store visits across every device and channel whether that's



## FAQ's

What is a URL shortener?



what are the benefits of a short URL



What is a custom URL shortener?



What is a URL shortener?



A URL shortener, also known as a link shortener, seems like a simple tool, but it is a service that can have a dramatic impact on your marketing efforts.

Think of a short URL as a more descriptive and memorable nickname for your long webpage address. You can, for example, use a short URL like bit.ly/CelebrateBitly so people will have a good idea about where your link will lead before they click it.

what are the benefits of a short URL





### URL Shortner

Simple and fast URL shortener! ShortURL allows to shorten long links from Instagram, Facebook, YouTube, Twitter, Linked In, WhatsApp, TikTok, blogs and sites. Just paste the long URL and click the Shorten URL button. On the next page, copy the shortened URL and share it on sites, chat and emails. After shortening the URL, check how many clicks it received.

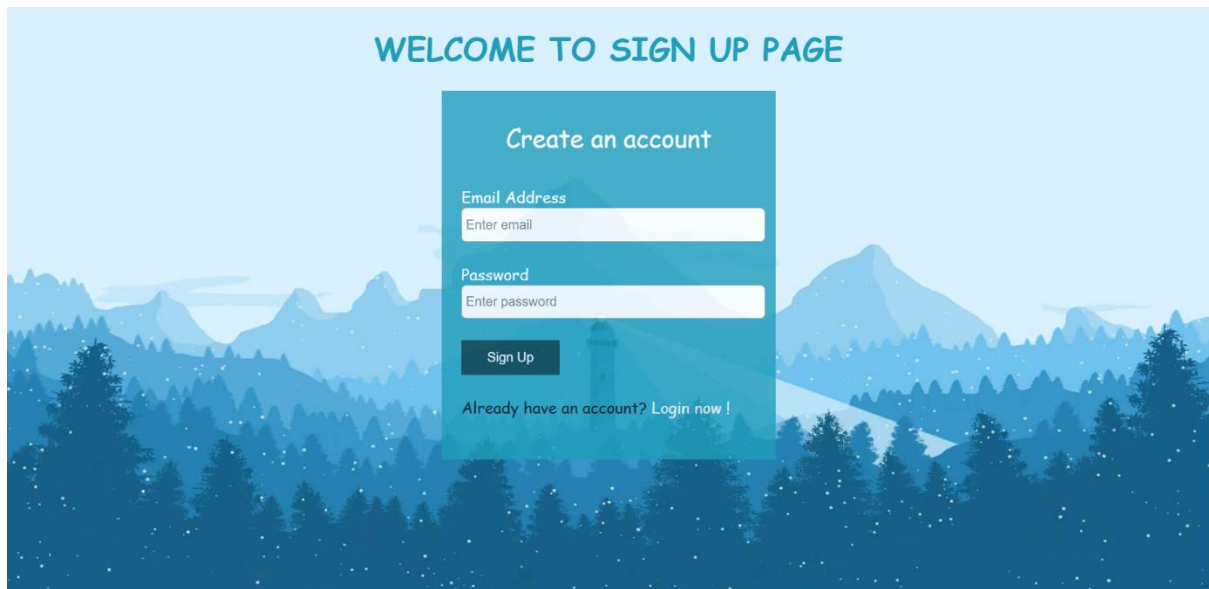
Home  
Features  
FAQ's  
Login

Don't miss out on the opportunity to use URL Shortener for free.

SIGN UP



signup.php



WELCOME TO SIGN UP PAGE

Create an account

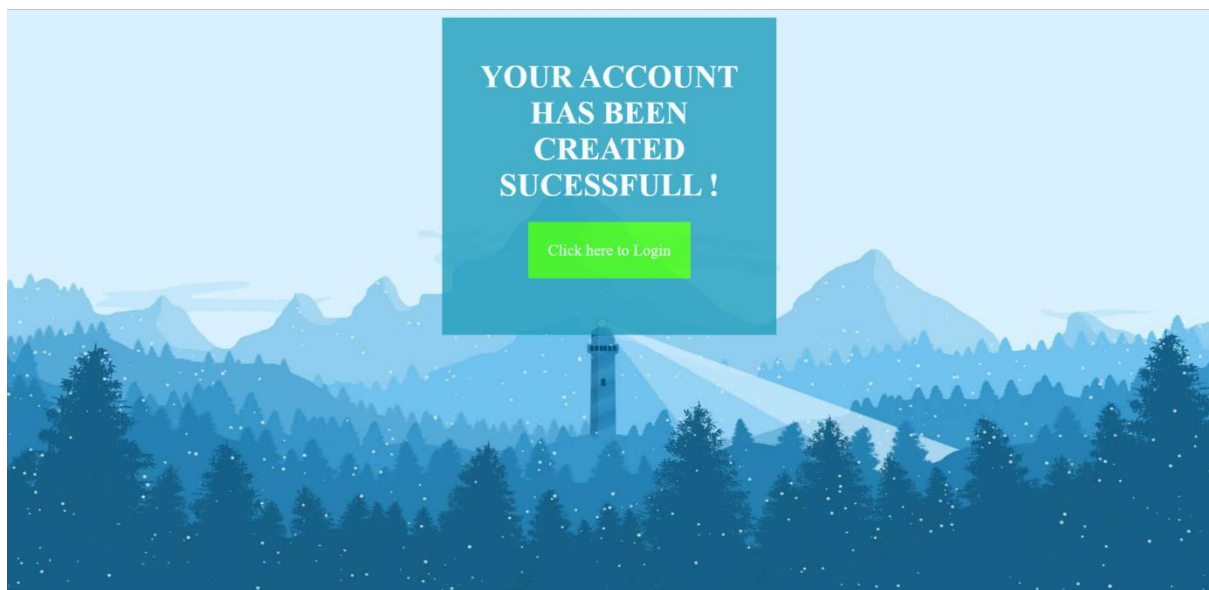
Email Address

Password

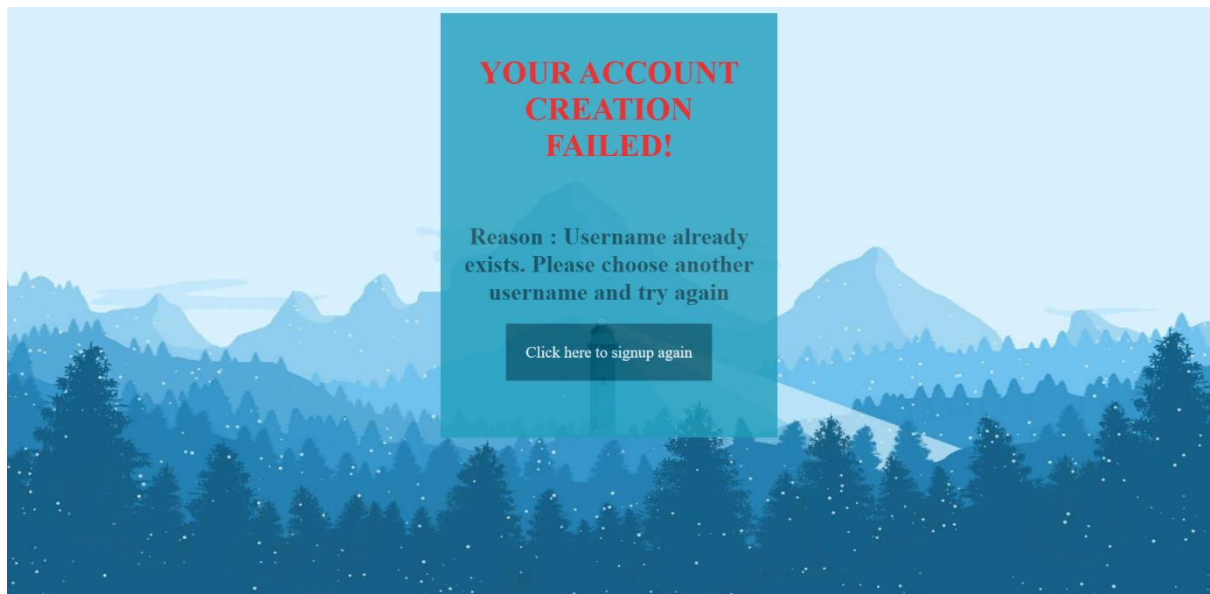
[Sign Up](#)

Already have an account? [Login now !](#)

success.html

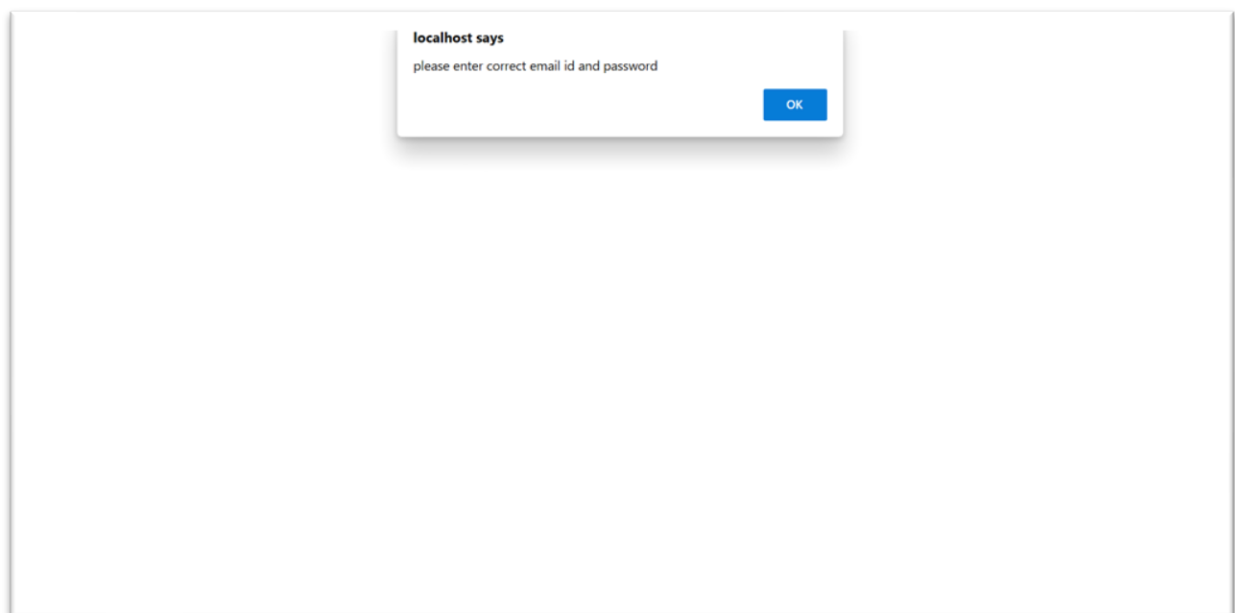
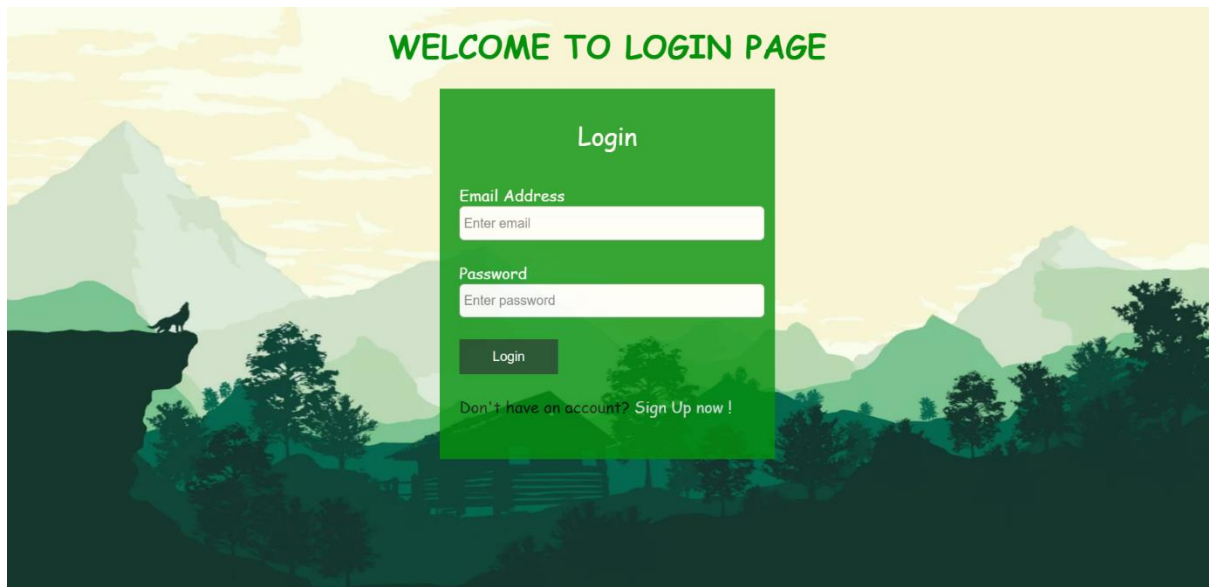


## Failure.html

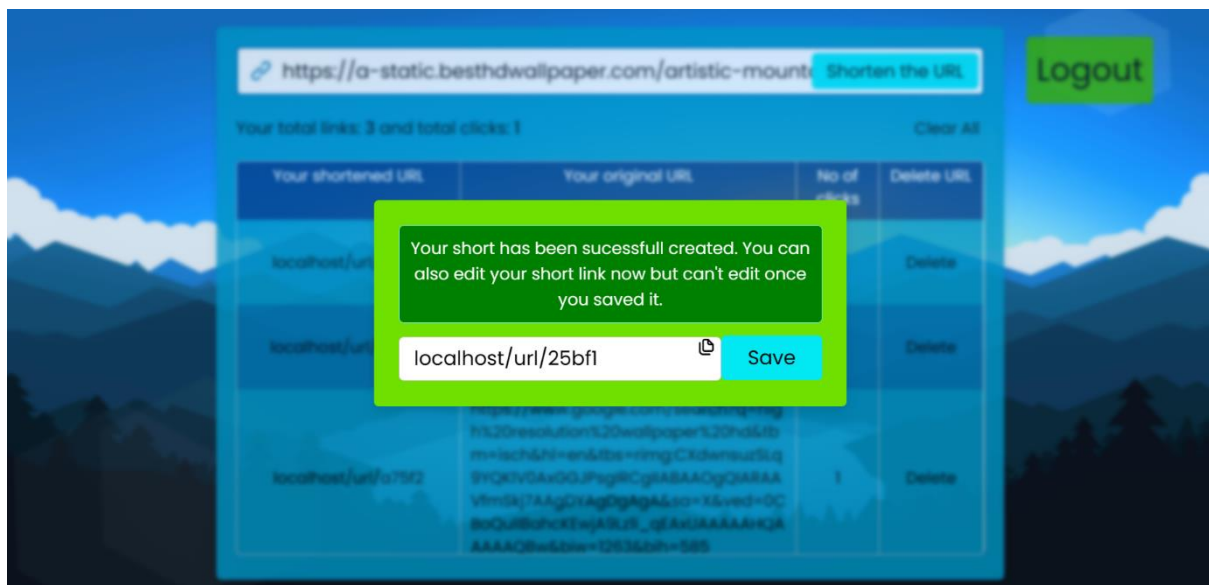
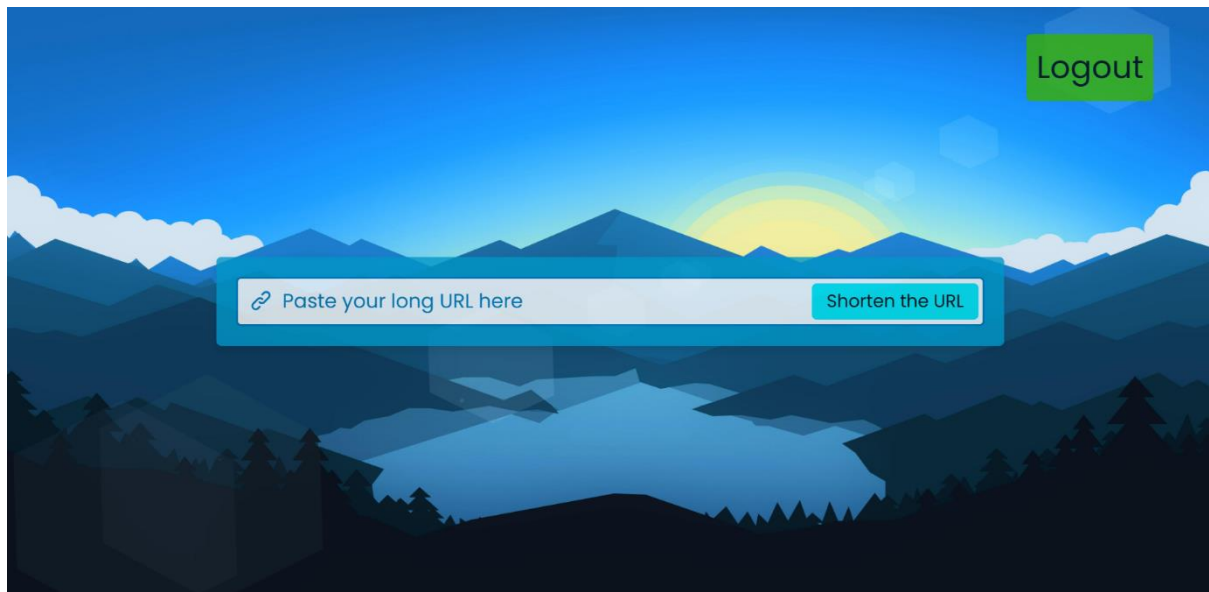


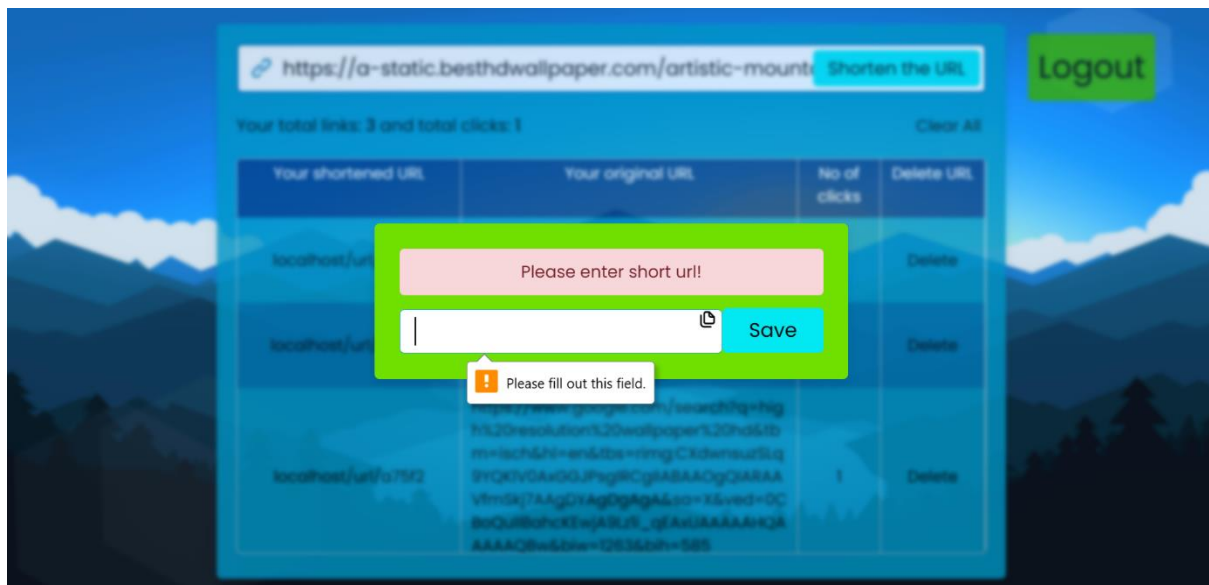
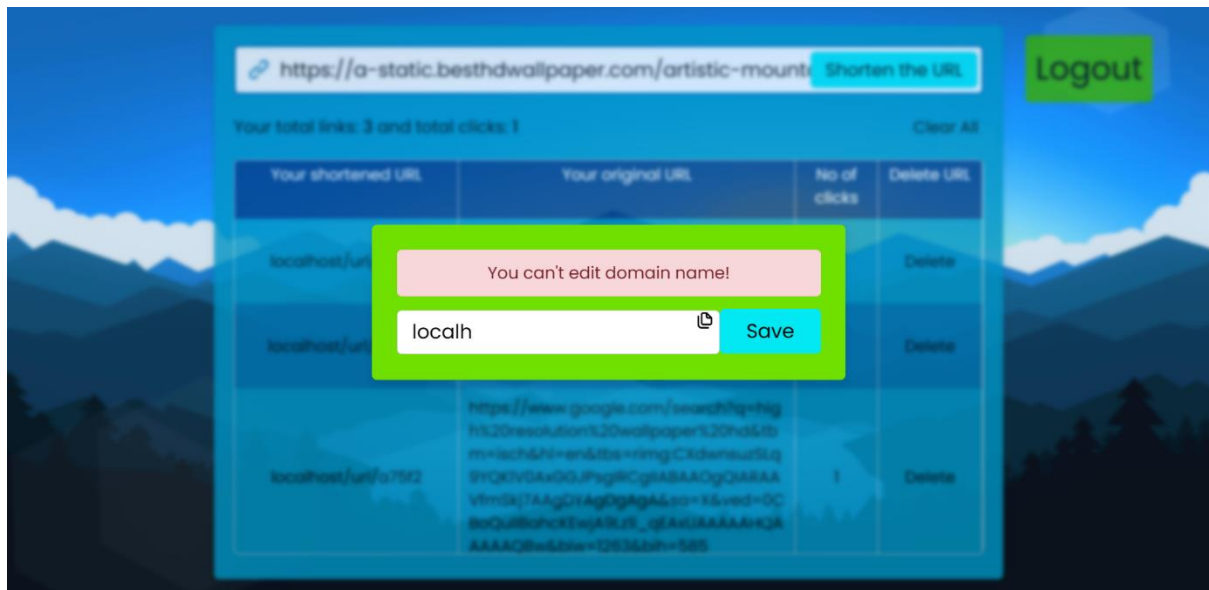


## Login.php



index.php





Paste your long URL here

Shorten the URL

Logout

Your total links: 4 and total clicks: 8

Clear All

| Your shortened URL      | Your original URL  | No of clicks | Delete URL |
|-------------------------|--|--------------|------------|
| localhost/url/edited    | https://wallpaperaccess.com/full/2551087.jpg   | 2            | Delete     |
| localhost/url/S_Hruthik | https://a-static.besthdwallpaper.com/artistic-mountain-landscape-wallpaper-3200x1200-3172_90.jpg   | 2            | Delete     |
| localhost/url/6c1b8     | https://img.freepik.com/free-photo/painting-mountain-lake-with-mountain-background_188544-9126.jpg | 2            | Delete     |
| localhost/url/78cad     | https://a-static.besthdwallpaper.com/artistic-mountain-landscape-wallpaper-3200x1200-3172_90.jpg   | 2            | Delete     |