

COST 22073

**ASSIGNMENT 02
GROUP PROJECT**

FINAL REPORT

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Introduction

- This report details the development and functionalities of Roam Lanka, a user-friendly website designed to empower tourists planning their Sri Lankan holiday. The website serves as a central hub for information on key destinations, accommodation options, transportation, and camping sites, aiming to streamline the trip planning process for visitors.
- This report will comprehensively cover the following aspects of the Roam Lanka website:
 - Project objectives
 - Functional requirements
 - Designs of the web pages
 - Implementation details along with the tools used
 - A comparison between the initial plan and the current plan
 - Work contribution and distribution amongthe team
 - Future enhancements that can/should be done to the website

Main Objectives

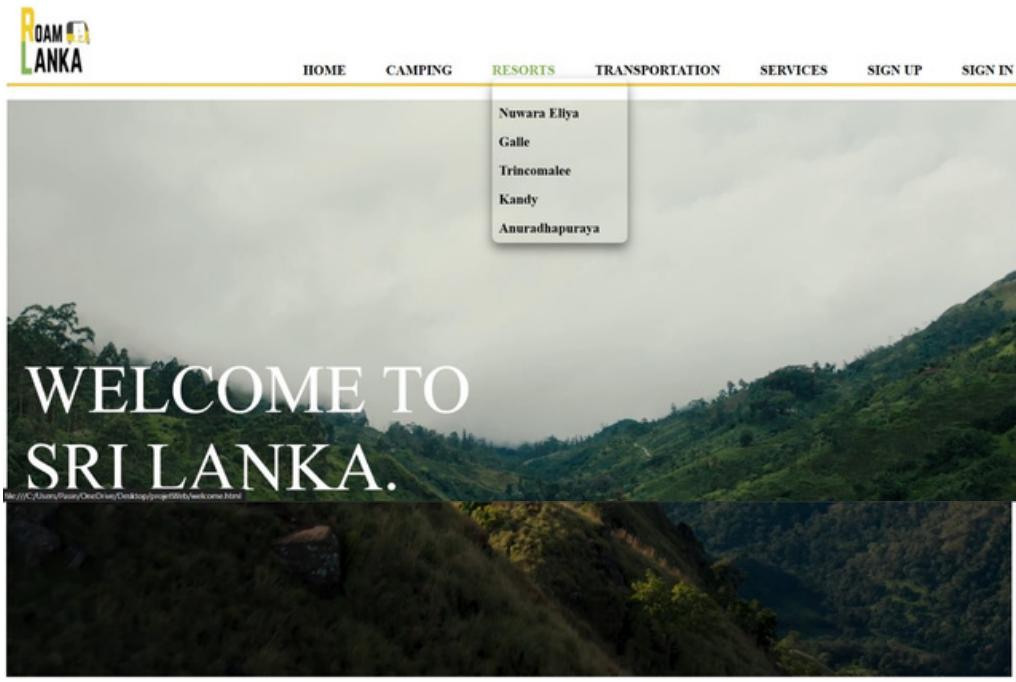
- Empower tourists planning their Sri Lankan holiday: The website aims to be a one-stop shop for tourists planning their Sri Lanka trip, simplifying the planning process.
- Provide centralized access to information: Roam Lanka aims to consolidate information on resorts, transport options, and camping sites for five key destinations in Sri Lanka.
- Facilitate reservations: The website wants to allow users to book their chosen resorts/hotels or camping places directly through the platform.

Functional Requirements:

- Accommodation listings: Roam Lanka should offer a database of chosen resorts and hotels across the five destinations and campsites in Sri Lanka. Users should be able to see prices, read reviews, and view photos.
- Transport information: The website should provide information on the rental, taxi and train services and their websites for the users.
- Reservation system: The website should allow the users to Reserve a chosen accommodation, and be able to send confirmation emails.
- Services: Users should be able to submit their questions and be able to get in contact with the company.
- Account: The users should be able to register as a new user or log in to the website from their account.
- User-friendly interface: Roam Lanka should be easy to navigate and use, with a clear and intuitive interface. This could include search functionalities, filters, and clear information presentation.

Web Page Designs

Home Page



The screenshot shows the homepage of Roam Lanka. At the top, there's a navigation bar with links for HOME, CAMPING, RESORTS (which is highlighted in green), TRANSPORTATION, SERVICES, SIGN UP, and SIGN IN. Below the navigation is a large banner image of a lush green hillside. In the upper right corner of the banner, there's a dropdown menu listing cities: Nuwara Eliya, Galle, Trincomalee, Kandy, and Anuradhapura. Overlaid on the banner is the text "WELCOME TO SRI LANKA." On the left side of the banner, there's some small, partially obscured text. Below the banner, there's a section titled "Resorts" featuring four cards: Kandy (with a picture of a temple and a red elephant), Galle (with a lighthouse and ocean view), Nuwara Eliya (with a train crossing a bridge), and Trincomalee (with palm trees and a sunset). Each card has a "Visit" button and a heart icon.

Resorts



This screenshot shows the "Resorts" section of the website. It includes three filter buttons: "Most Reviewed", "Special Offers", and "Trending Places". Below these are four resort cards: Kandy (temple and elephant), Galle (lighthouse and beach), Nuwara Eliya (train bridge), and Trincomalee (palm trees and sunset). Each card features a "Visit" button and a heart icon.

Camping Sites



This screenshot shows the "Camping Sites" section. It includes three filter buttons: "Most Reviewed", "Special Offers", and "Trending Places". Below these are four camping site cards: Beach Bungalow Yala (temple and elephant), Turtle Wood Cabin (lighthouse and beach), Yala National Park (train bridge), and Horton Plains Nat (palm trees and sunset). Each card features a "Visit" button and a heart icon.

Mission

To empower travelers by providing a seamless and intuitive online platform that connects them with a diverse range of accommodations and experiences worldwide. We strive to simplify the travel booking process, offering a comprehensive and reliable solution that enhances the journey from planning to stay.

Vision

Our vision is to be the preferred global travel companion, inspiring individuals to explore the world with confidence and excitement. We aim to continuously innovate, leveraging technology to create a personalized and unforgettable travel experience for every user. By fostering partnerships and maintaining the highest standards, we envision becoming the go-to destination for travelers seeking convenience, choice, and unparalleled service.



Home About Us Contact Us Services



Camping Page

Main Page

 ROAM LANKA

HOME CAMPING RESORTS TRANSPORTATION SERVICES SIGN UP SIGN IN

"Life is simpler when you're camping."
-Unknown-

Welcome to Camping Sites

Yala Safari Camping
Get an exceptional safari experience in a fantastic campsite with all facilities located in a real wild life habitat of the buffer zone to Yala National Park.

[VISIT](#)



Mahoora Tented Safari Camp-Yala
Mahoora Tented Safari is the ultimate experience of authentic, mobile adventure in Sri Lankan wilderness.

[VISIT](#)



Big Game Camp-Yala
Experience an authentic, budget-friendly forest campsite in Sri Lanka's most iconic wildlife zones, on the borders of National Parks and Nature Reserves.

[VISIT](#)



Wilpattu Safari Camp
We believe that our camp site is the haven for those seeking to enjoy "A Journey through the Wild" in a quiet and unhurried way. A safari holiday designed with care, luxury comfort and intimate knowledge of the parks to allow our guests to have the best possible holiday in Wilpattu.

[VISIT](#)



Kulu Safaris-Yala
At Kulu Safaris we have been planning responsible tented safaris in Sri Lanka for the last two decades. Our expertise is blending the adventure of a Sri Lankan safari with exceptionally comfortable lodges and providing 3 trekkers with authentic and memorable wildlife experiences.

[VISIT](#)



Leopard Trails-Yala
Leopard Trails bespoke tented safaris returns to the original spirit and true essence of safari, reminiscent of a golden era – an era of elegance, romance and adventure.

[VISIT](#)



Athgira River Camp-Udawalawe
A truly unique glimpse into the rural beauty of Udawalawe along the river banks of Rukwana River. Athgira River Camp provides more than just a place to stay; it's a sensory adventure. Guests can indulge in sensory privacy and personalized service in our luxurious eco camping adventure.

[VISIT](#)



Ceylon Wild Safari-Yala
The buffer-zone jungles of Yala National Park hold a secret which until now has been hidden, but we are ready to share this secret with you. Located in the buffer zone of Yala National Park, our camp will transport you into a world unlike any other.

[VISIT](#)



Tree Tops Jungle Lodge-Buttalai
Tree Tops Jungle Lodge is a small eco-camp, located in a wild habitat, on a private bush property. We offer low impact and sustainable hotel facilities.

[VISIT](#)





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HOME CAMPING RESORTS TRANSPORTATION SERVICES SIGN UP SIGN IN

Yala Safari Camping

★★★★★ Yala Block II Road, Yala National Park 62800 Sri Lanka [BOOK](#)

About

The Yala Safari Camping Site offers an unparalleled wilderness experience, situated in the heart of Yala National Park in Sri Lanka. Nestled in the heart of the park, this camping site provides adventurers with the opportunity to immerse themselves in the untamed beauty of the surrounding landscape. Guests can enjoy comfortable tent accommodations equipped with modern amenities, making them to unwind after thrilling safari excursions. With knowledgeable guides leading expeditions into the park, guests have the chance to encounter a diverse range of wildlife, including elephants, leopards, and exotic bird species, in their natural habitat. The Yala Safari Camping Site promises an unforgettable adventure for nature enthusiasts and wildlife lovers alike, providing a unique blend of luxury and wilderness immersion.

For more details, visit [Yala Safari Camping website](#) [VISIT](#)

Facilities Provided By Yala Safari Camping

Facilities for Camp	Facilities for Rooms
Free Parking	Room Services
Free WiFi	Air Conditioning
Non-smoking rooms	Family Rooms
Seating Area	Separate Dining Area

Prices of the Rooms

Room Type	Price for 1 night
A/C Single Room	LKR 50 000.00
A/C Double Room	LKR 75 000.00
Non A/C Single Room	LKR 30 000.00
Non A/C Double Room	LKR 40 000.00

Destination

ROAM LANKA

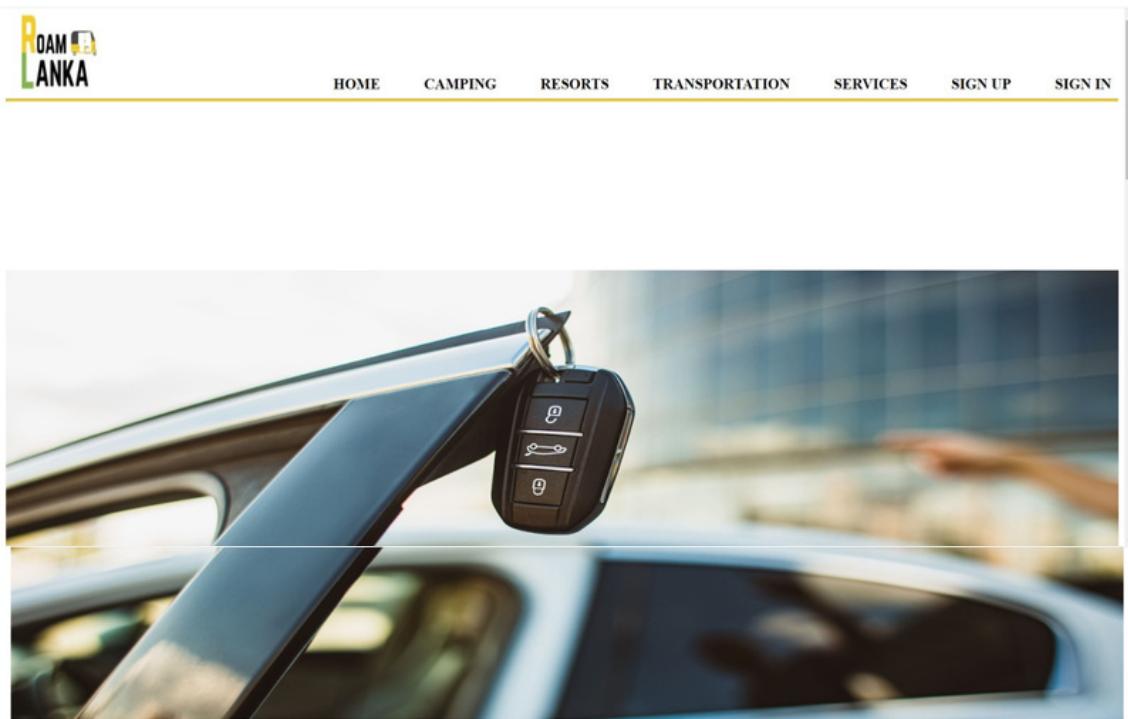
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- All the other camping sites in the main camping site web page will have their own pages similar to Yala

Transportation Page

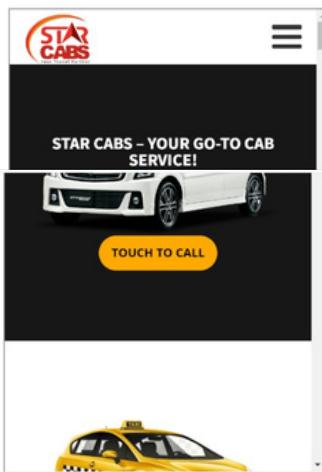
Taxi



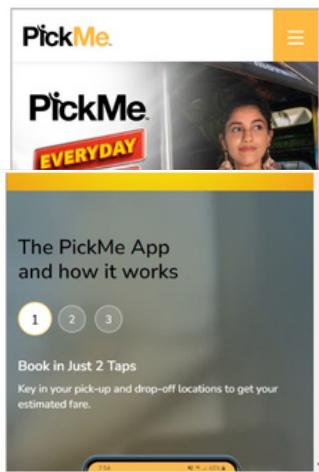
Taxi

Need a comfortable and convenient ride to your destination? Find a taxi that perfectly suits your needs with the following websites.

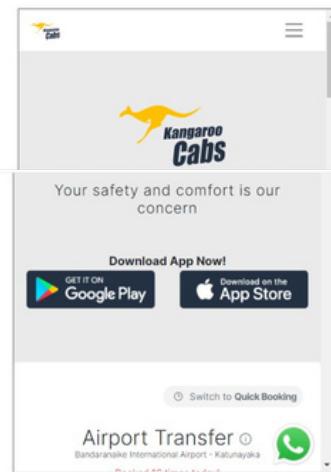
STARCABS.LK

A screenshot of the Star Cabs website. It features a black header with the "STAR CABS" logo and the tagline "YOUR GO-TO CAB SERVICE!". Below this is a white section with a photo of a white minivan and a yellow "TOUCH TO CALL" button. At the bottom is a photo of a yellow taxi cab.

PICKME.LK

A screenshot of the PickMe website. It shows the "PickMe" logo and a woman in a car. Below this is a section titled "The PickMe App and how it works" with three numbered steps. Further down is a "Book in Just 2 Taps" section with instructions to key in pick-up and drop-off locations.

KANGAROOCABS.COM

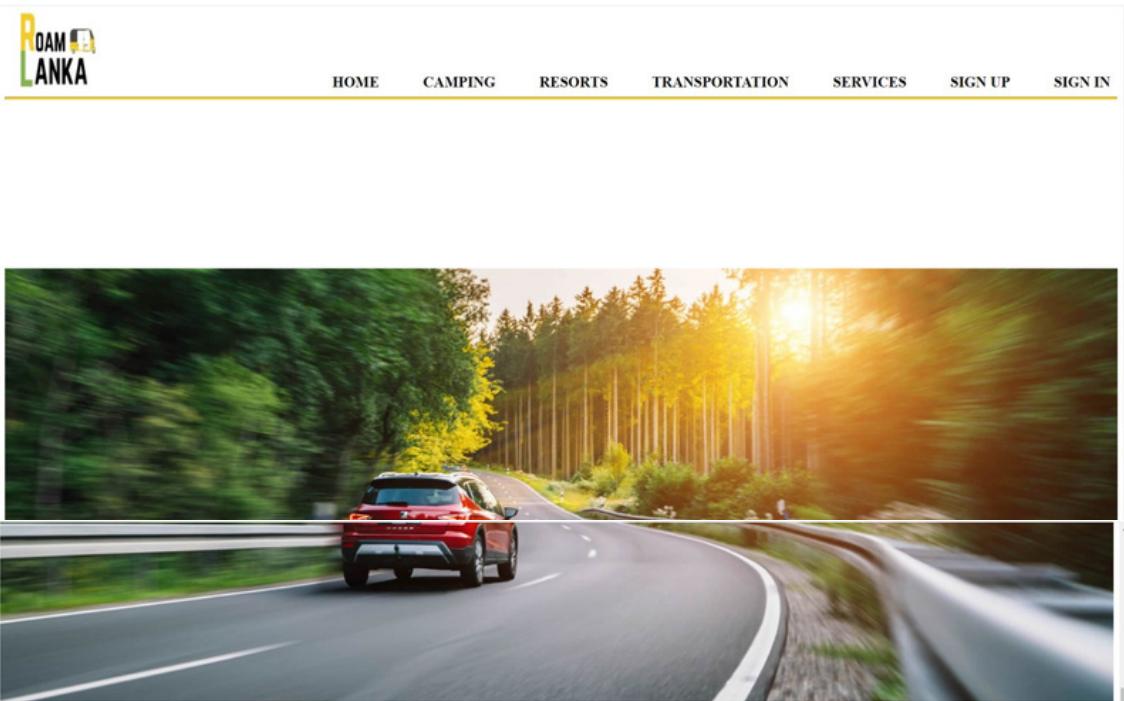
A screenshot of the Kangaroo Cabs website. It features a yellow kangaroo logo and the text "Your safety and comfort is our concern". There are download links for Google Play and the App Store. At the bottom is a "Airport Transfer" section with a "Switch to Quick Booking" link and a WhatsApp icon.

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Rental



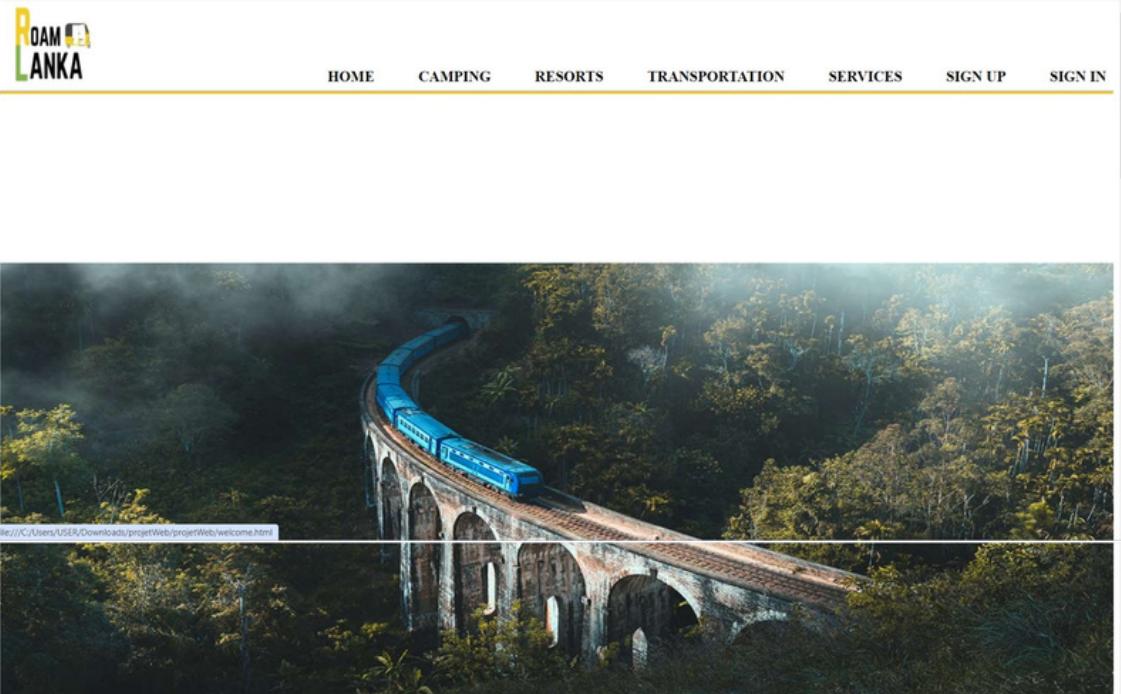
Vehicle Rental

Need a car for your next adventure, business trip, or errand run? Find the ideal rental vehicle that fits your needs seamlessly on the following websites.

This section compares two vehicle rental websites: ROFLKK and CASONS.LK. On the left, the ROFLKK website features a search interface with fields for 'From' (3/8/2024) and 'To' (3/15/2024), both set to '02:00 AM'. There are checkboxes for 'My dates are flexible' and 'Show nearby vehicles', and a prominent 'Search' button. Below the form are two mobile device screenshots showing the app interface. On the right, the CASONS.LK website has a similar search form with 'RETURN DATE' (09-03-2024), 'TIME' (00:00 am), 'NUMBER OF DAYS' (3 Days), and 'VEHICLE TYPE' (All). It includes a 'SEARCH' button and a promotional message: 'Enjoy the efficient and specialized services of Casons Rent a Car; Sri Lanka's leading rent-a-car company'. Both sites feature a red color scheme and the company's logo at the top.

The footer of the Roam Lanka website. It features the 'ROAM LANKA' logo with a van icon on the left. To the right are links for 'Home', 'About Us', 'Contact Us', and 'Services'. Social media icons for Instagram, Facebook, and Twitter are positioned above a copyright notice: 'Copyright © 2024 All Rights Reserved by Roam Lanka'. The footer is separated from the main content by a thin yellow horizontal line.

Train



Train

Looking for the perfect train journey? You can easily find trains that meet your exact needs on the following website.

The screenshot shows the Dumriya Train Search Engine website. At the top, there is a navigation bar with links for HOME, CAMPING, RESORTS, TRANSPORTATION, SERVICES, SIGN UP, and SIGN IN. Below the navigation bar is a large banner image of a train on a bridge. The main content area features a search bar with the placeholder "Search for a train route". Below the search bar, there are filters for "Trains", "One-way", and "All". A large circular graphic on the left side contains the text "Train Daily Schedules". To the right of this graphic, a message says "Welcome to the most convenient Train Search Engine available for Sri Lanka." Below this, a "Disclaimer Notice" box states: "The data presented here has been gathered through crowd sourcing. Please note that the prices and information regarding trains and stations displayed may vary from the original. We endeavor to provide accurate and updated information." At the bottom of the page, there is a footer with the Roam Lanka logo, links for Home, About Us, Contact Us, and Services, and social media icons for WhatsApp, Facebook, and Twitter.

Hotel/Resorts Page

Kandy

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HOME CAMPING RESORTS TRANSPORTATION SERVICES SIGN UP SIGN IN



Welcome to Kandy

Cinnamon Citadel Kandy

Located 500 metres above sea level, Cinnamon Citadel Kandy offers a spectacular outdoor pool. It offers well-appointed air-conditioned rooms featuring spacious interiors with fine bedding and furnishing. Each room is equipped with a minibar, tea/coffee making facilities and a TV with cable channels.

★★★★★

[VISIT](#)

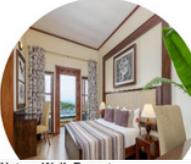


Randholee Resort & Spa

Presenting beautiful views of Alagalla Mountains, Randholee Resort & Spa has an infinity pool, free Wi-Fi in public area and Ayurvedic massage. It enjoys a quiet location in Dumbura Valley, at the foot of Heressagala Mountain. Randholee Resort & Spa is about 3.5 km from Kandy Railway Station and 20 minutes' drive from Kandy City Centre. Local attractions like Sri Dalada Maligawa Temple and Kandy Museum are within 4 km from the resort.

★★★★★

[VISIT](#)



Amaya Hills Kandy

Located in Kandy, Amaya Hills, a leading 5-star hotel in Kandy, offers a unique retreat overlooking the Heressagala forest. Known as one of the best luxury hotels in Kandy, this hotel features traditional Sri Lankan architecture, an outdoor pool, a spa and a restaurant.

★★★★★

[VISIT](#)



Nature Walk Resort

Approximately 10 minutes' walk from Kandy Lake, Nature Walk Resort offers accommodation set amidst tropical greenery. It features a restaurant and 24-hour front desk. Guests enjoy free Wi-Fi and free parking. Simply furnished, air-conditioned rooms are fitted with a dressing table. Shower facilities are provided in the en suite bathroom. Room service is also available upon request.

★★★★★

[VISIT](#)



Eagle Regency Hotel

Situated in Kandy, 3.9 km from Ceylon Tea Museum, Eagle Regency Hotel features rooms with mountain views and free WiFi. All rooms boast a flat-screen TV with satellite channels and a private bathroom. The hotel provides river views and an outdoor pool.

★★★★★

[VISIT](#)

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Kandy cont.

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- CAMPING
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- TRANSPORTATION
- SERVICES
- SIGN UP
- SIGN IN

[Train](#)
[Taxi](#)
[Rental](#)

Aryana Boutique Hotel

★★★★★ SCGB+4PM, Bandaranaike Mawatha, Anuradhapura



[BOOK](#)

About

Aryana Boutique Hotel Anuradhapura offers a luxurious and elegant retreat in the ancient city of Anuradhapura, Sri Lanka. Situated just last from the lake, the hotel features stylishly decorated rooms and suites, each appointed with modern amenities and thoughtful touches to ensure a comfortable stay. Guests can indulge in exquisite dining experiences at the on-site restaurant, which serves a fusion of international and Sri Lankan cuisine. The hotel also features a swimming pool and a spa offering a range of rejuvenating treatments. With its sophisticated ambiance, personalized service, and convenient location near Anuradhapura's key attractions, Aryana Boutique Hotel provides an unforgettable experience for discerning travelers seeking tranquility and luxury.

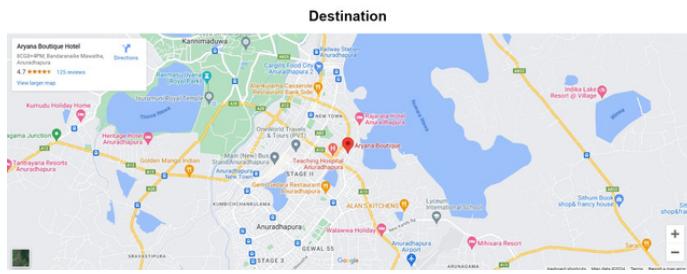
For more details, visit [Aryana Boutique Hotel website](#)

[VISIT](#)

Facilities Provided By Aryana Boutique Hotel

Facilities for Hotel	Facilities for Rooms
Free Parking	Room Services
Free WiFi	Air Conditioning
Non-smoking rooms	Family Rooms
Seating Area	Separate Dining Area

Prices of the Rooms	
Room Type	Price for 1 night
A/C Single Room	LKR 50 000.00
A/C Double Room	LKR 75 000.00
Non A/C Single Room	LKR 30 000.00
Non A/C Double Room	LKR 40 000.00

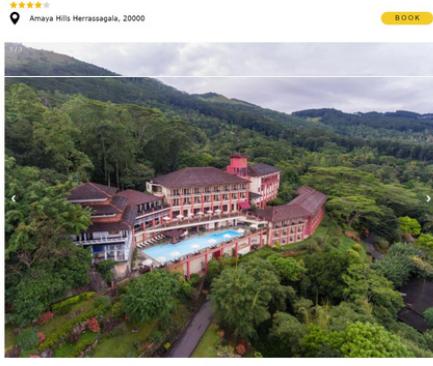

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- CAMPING
- RESORTS
- TRANSPORTATION
- SERVICES
- SIGN UP
- SIGN IN

Amaya Hills Kandy



About

Amaya Hills Kandy is a luxurious hilltop retreat nestled amidst the lush greenery of Kandy, Sri Lanka. Offering panoramic views of the surrounding mountains and valleys, the resort provides guests with elegant accommodations and modern amenities. Visitors can relax by the infinity pool or take a scenic walk through the gardens, such as the Temple of the Tooth and the Royal Botanic Gardens. The resort's restaurants serve a variety of delectable cuisine, including Sri Lankan specialties and international favorites. With its picturesque setting, attention to detail, and array of amenities, Amaya Hills Kandy offers a memorable retreat for travelers seeking relaxation and adventure in the cultural heart of Sri Lanka.

For more details, visit [Amaya Hills Kandy website](#)

[VISIT](#)

Facilities Provided By Amaya Hills Kandy

Facilities for Hotel	Facilities for Rooms
Free Parking	Room Services
Free WiFi	Air Conditioning
Non-smoking rooms	Family Rooms
Seating Area	Separate Dining Area

Prices of the Rooms

Room Type	Price for 1 night
A/C Single Room	LKR 50 000.00
A/C Double Room	LKR 75 000.00
Non A/C Single Room	LKR 30 000.00
Non A/C Double Room	LKR 40 000.00


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- All the other hotels and resorts in the main Kandy web page will have their own pages similar to the above

Nuwara Eliya

Welcome to Nuwara Eliya

W15 Lake Gregory
Situated in Nuwara Eliya, 1.6 km from Gregory Lake, W15 Lake Gregory offers accommodation with a garden, free private parking, a shared lounge and a terrace. Boasting a concierge service, this property also provides guests with a barbecue. The accommodation offers a 24-hour front desk, airport transfers, room service and free WiFi throughout the property.

★★★★★ [VISIT](#)

Atulya Villas Nuwara Eliya
Located in Nuwara Eliya, 2 km from Gregory Lake, Atulya Villas Nuwara Eliya provides accommodation with an outdoor swimming pool, free private parking, a garden and a shared lounge. Featuring room service, this property also provides guests with a barbecue, a 24-hour front desk, a terrace, a 24-hour front desk, a shuttle service, room service and free WiFi.

★★★★★ [VISIT](#)

The Rosedale Grand Bungalow Nuwara Eliya
Situated in Nuwara Eliya, 1.8 km from Gregory Lake, The Rosedale Grand Bungalow Nuwara Eliya features accommodation with a garden, free private parking, a terrace and a restaurant. Among the facilities at this property are room service and a 24-hour front desk, along with free WiFi throughout the property.

★★★★★ [VISIT](#)

The Ramp
Located in Nuwara Eliya, 2.4 km from Gregory Lake, The Ramp provides accommodation with a garden, free private parking, a shared lounge and a terrace. Situated 9.2 km from Nuwara Eliya City Centre District, this hotel is situated 9.2 km from Hakgala Botanical Garden. The accommodation features a 24-hour front desk, a shuttle service, room service and free WiFi.

★★★★★ [VISIT](#)

The Grand Hotel - Heritage Grand
The Grand Hotel is situated on Nuwara Eliya Hill, adjacent to the Nuwara Eliya Golf Course. Surrounded by tropical greenery and enjoying cool climates, it features 2 restaurants, a shopping area, a bar, a 24-hour front desk, a shuttle service and central heating. Each room has satellite TV, a mini-fridge, and tea/coffee making facilities. The private bathroom offers a hot shower and a hairdryer.

★★★★★ [VISIT](#)

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- All the other hotels and resorts in the main Nuwara Eliya web page will have their own pages similar to the ones shown in the kandy section

Galle

The screenshot shows a travel website for Galle, Sri Lanka. At the top, there's a navigation bar with links for HOME, CAMPING, RESORTS, TRANSPORTATION, SERVICES, SIGN UP, and SIGN IN. A large aerial photograph of Galle Fort and the surrounding coastline is centered above the content area. Below the photo, the heading "Welcome to Galle" is displayed.

Le Grand Galle
Set in Galle, 300 metres from Galle International Cricket Stadium, Le Grand Galle has a number of amenities including an outdoor swimming pool, a fitness centre, a garden and free WiFi. The property is situated 600 metres from Dutch Church Galle, a 9-minute walk from Galle Fort and 1.1 km from Galle Light house. The property is 600 metres from Galle Fort National Museum.

★★★★★ [VISIT](#)

Yara Galle Fort
In a prime location in the centre of Galle, Yara Galle Fort offers free WiFi throughout the property and its rooms. This 3-star Hotel offers luggage storage service. The property is allergy-free and is set 700 metres from Galle Fort Beach. hotel will provide guests with air-conditioned rooms offering a desk, a kettle, a fridge, a safety deposit box, a flat-screen TV and a private bathroom with a bidet. At Yara Galle Fort every room has bed linen and towels.

★★★★★ [VISIT](#)

Blue Beach Galle
Set in Galle, 500 metres from Bonuwatta Beach, Blue Beach Galle offers various facilities such as a fitness centre, free private parking, a terrace and a restaurant. This 4-star hotel offers a 24-hour front desk, luggage storage space and free WiFi. The property is allergy-free and is located 1.5 km from Jungle Beach.

★★★★★ [VISIT](#)

Tabula Rasa Resort & Spa
Set in Galle, 700 metres from Koggala Beach, Tabula Rasa Resort & Spa offers accommodation with an outdoor swimming pool, free private parking, a garden and a shared lounge. Located around 2.1 km from Talpe Beach, the hotel with free WiFi is also 13 km away from Galle International Cricket Stadium. The hotel has a terrace and sun beds and guests can enjoy a meal at the restaurant or a drink at the bar.

★★★★★ [VISIT](#)

Odailem Resort - Talpe
Situated in Galle, Odailem Resort - Talpe is 7 km from Galle Light house and offers various facilities, such as a garden. Boasting room service, this property also provides guests with a restaurant. Guests can enjoy lake views. At the resort, all rooms have with pool view. Rooms come with a private bathroom with a shower and free toiletries. All guest rooms at Odailem Resort - Talpe are equipped with a seating area.

★★★★★ [VISIT](#)

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- All the other hotels and resorts on the main Gakke web page will have their pages similar to the ones shown in the kandy section

Services Page

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CONTACT US

Let us help you



Information About Us



Call Us:
+94 112426800

Fax Us:
+94 112 444165

Email Us:
roamlanka@gmail.com

Need Any Help?

Type here...

SUBMIT

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Reservation Form



HOME CAMPING RESORTS TRANSPORTATION SERVICES SIGN UP SIGN IN



Reservation Form

Please Complete the form below

Your registration will be verified prior to your arrival

Destination

Full Name

First Name Last Name

Address

Street Address Line 1
 Street Address Line 2

City State/Province
 Country

Phone Number

Email

Arrival Date and Time

Date Hour and Minutes

Departure Date and Time

Date Hour and Minutes

Information of Guests

Number of Adults Number of Kids (If there are any)

Room Type

A/C Single Room
 A/C Double Room
 Non A/C Single Room
 Non A/C Double Room

Rooms Needed

Payment Method

Credit Card PayPal

Do you have any special requests?

Type here...

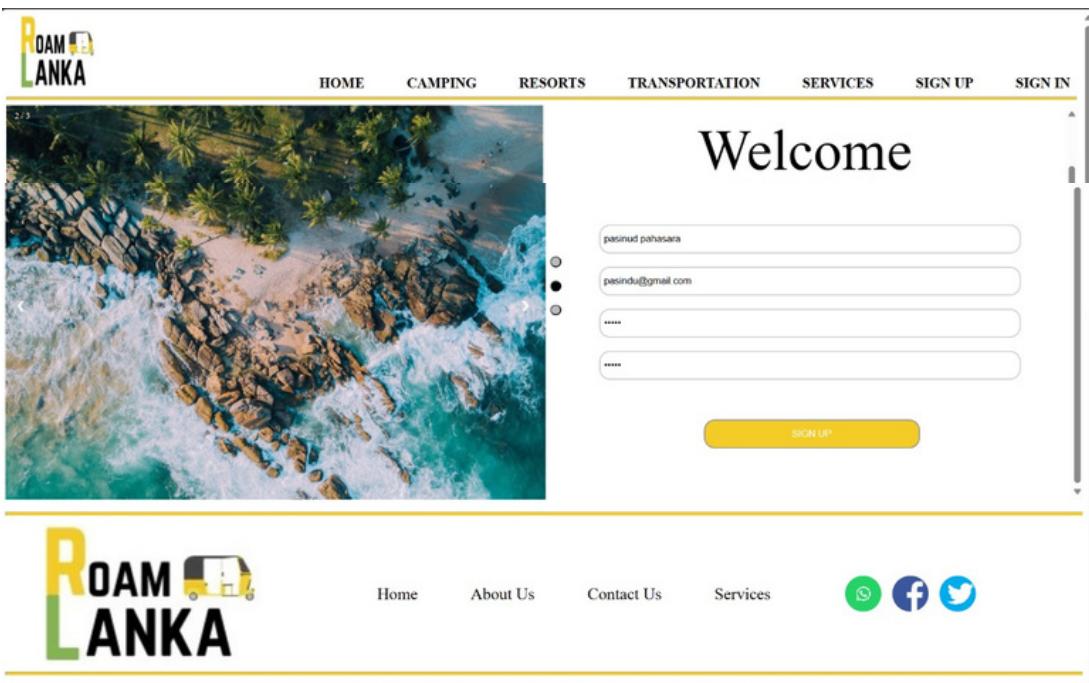
Submit **Clear**

Roam Lanka

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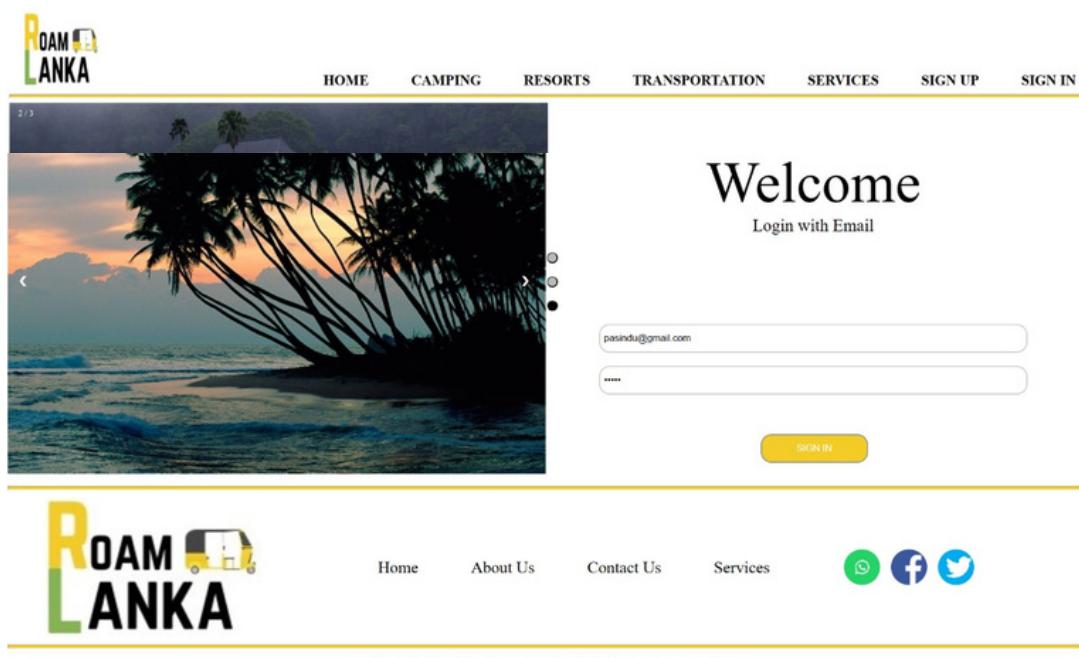
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Sign up Page



The sign-up page for Roam Lanka features a top navigation bar with links for HOME, CAMPING, RESORTS, TRANSPORTATION, SERVICES, SIGN UP (highlighted in yellow), and SIGN IN. Below the navigation is a large aerial photograph of a rocky coastline with waves crashing against rocks and palm trees lining the beach. To the right of the image is a "Welcome" message and four input fields for email, password, and two additional fields. A yellow "SIGN UP" button is at the bottom. At the bottom of the page is the Roam Lanka logo and a footer with links to Home, About Us, Contact Us, Services, and social media icons for Instagram, Facebook, and Twitter.

Sign in Page



The sign-in page for Roam Lanka has a similar layout to the sign-up page. It includes a top navigation bar with links for HOME, CAMPING, RESORTS, TRANSPORTATION, SERVICES, SIGN UP, and SIGN IN. A large photograph of a tropical sunset over palm trees and the ocean is on the left. To the right is a "Welcome" message, a "Login with Email" link, and two input fields for email and password. A yellow "SIGN IN" button is at the bottom. The Roam Lanka logo and footer links are also present.

Tools used and relevant Code segments

html

Home Page

```
<div style = " overflow-x:auto; white-space: nowrap;">
<table style = "margin-top:-30px;">
  <tr>
    <td>
      <input type = "button" value = "Most Reviewed" class = "viewd" id = "viewd"> <br><br>
      <input type = "button" value = "Special Offers" class = "offers"> <br><br>
      <input type = "button" value = "Trending Places" class = "trending"> <br><br>
    </td>
    <td>
      <img src = "kandy.jpg" alt = "Kandy Image" style="margin-left:100px; margin-top:55px;" ><br><br>
      <font style = "font-size:20px; margin-left:100px;"> Kandy </font><br><br>
      <input type = "button" onclick = "addtoWishList()" class = "buttonWish"><img src = "whiteheart.png" alt = "Add to Wish" class = "heart">
      <input type = "button" value = "Visit" class = "visit" id = "visit" style = "margin-left:280px;"><br>
    </td>
    <td>
      <img src = "galle.jpg" alt = "galle Image" style="margin-left:50px; margin-top:55px;" ><br><br>
      <font style = "font-size:20px; margin-left:50px;"> Galle </font><br><br>
      <img src = "whiteheart.png" alt = "Add to Wish" class = "heart">
      <input type = "button" value = "Visit" class = "visit" id = "visit"><br>
    </td>
    <td>
      <img src = "nuwaraEliya.jpg" alt = "Nuwara Eliya Image" style="margin-left:50px; margin-top:55px;" ><br><br>
      <font style = "font-size:20px; margin-left:50px;"> Nuwara Eliya </font><br><br>
      <img src = "whiteheart.png" alt = "Add to Wish" class = "heart">
      <input type = "button" value = "Visit" class = "visit" id = "visit"><br>
    </td>
    <td>
      <img src = "beach.jpg" alt = "Beacha Image" style="margin-left:50px; margin-top:55px;" ><br><br>
      <font style = "font-size:20px; margin-left:50px;"> Trincomalee </font><br><br>
      <img src = "whiteheart.png" alt = "Add to Wish" class = "heart">
    </td>
  </tr>
</table>
</div>
```

CSS

Part of the navigation bar

```
.horizontalLine {
  background-color: #f4cc27;
  height: 5%;

  margin-top:5px;
}

.logo{
  width : 105;
  height : 105;
}

.viewd,
.offers,
.trending{
  display: block;
  width: 98%;
  height : 100%;
  background-color: #f4cc27 ;
  color : black;
  padding: 7px 14px;
  font-size: 16px;
  cursor: pointer;
  text-align: center;
  border-radius: 15px;
  border:none;
  margin-left:45px;
}
```

Data Insertion

```
<?php

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $con = mysqli_connect("localhost", "root", "");

    if (!$con) {
        die('Could not connect: ' . mysqli_error($con));
    }

    mysqli_select_db($con, "roamLanka");

    $destination = mysqli_real_escape_string($con, $_POST['destination']);
    $firstName = mysqli_real_escape_string($con, $_POST['name']);
    $lastName = mysqli_real_escape_string($con, $_POST['lname']);
    $address1 = mysqli_real_escape_string($con, $_POST['s1']);
    $address2 = mysqli_real_escape_string($con, $_POST['s2']);
    $city = mysqli_real_escape_string($con, $_POST['ci']);
    $state = mysqli_real_escape_string($con, $_POST['st']);
    $country = mysqli_real_escape_string($con, $_POST['po']);
    $telNumber = mysqli_real_escape_string($con, $_POST['tel']);
    $email = mysqli_real_escape_string($con, $_POST['email']);
    $arrivalDate = mysqli_real_escape_string($con, $_POST['arrival-date']);
    $arrivalTime = mysqli_real_escape_string($con, $_POST['time']);
    $departureDate = mysqli_real_escape_string($con, $_POST['dep-date']);
    $departureTime = mysqli_real_escape_string($con, $_POST['time2']);
    $noOfAdults = mysqli_real_escape_string($con, $_POST['adu']);
    $noOfKids = mysqli_real_escape_string($con, $_POST['ch']);
    $paymentMethod = $_POST['payment-method'];
    $noOfRooms = mysqli_real_escape_string($con, $_POST['ad']);
    $roomType = "";

    if (isset($_POST['ac1'])) {
        $roomType .= 'A/C Single Room, ';
    }
    if (isset($_POST['ac2'])) {
        $roomType .= 'A/C Double Room, ';
    }
    if (isset($_POST['nonac1'])) {
        $roomType .= 'Non A/C Single Room, ';
    }
    if (isset($_POST['nonac2'])) {
        $roomType .= 'Non A/C Double Room';
    }

    $roomType = mysqli_real_escape_string($con, $roomType);

    $sqlUser = "INSERT INTO user (FirstName, LastName, Address1, Address2, City, Province, Country, Tel_no, Email
        VALUES ('$firstName', '$lastName', '$address1', '$address2', '$city', '$state', '$country', '$telNumber',
        '$email')";
    mysqli_query($con, $sqlUser);

    $userId = mysqli_insert_id($con);
```

```

$sqlReservation = "INSERT INTO userReservation (arrivalDate, arrivalTime, departureDate, departureTime, noOfguests,
noOfchild, roomType, noOfrooms, userID, paymentMethod)
VALUES ('$arrivalDate', '$arrivalTime', '$departureDate', '$departureTime', $noOfAdults, $noOfKids, '$roomType', $noOfRooms,
$userId, $paymentMethod )";
mysqli_query($con, $sqlReservation);

mysqli_close($con);

header("Location: success.php");
exit();
}
?>

```

Javascript

Validations

```

function validateForm() {

    var destination = document.getElementById('destination').value;
    if (destination === "") {
        alert('Please select a destination');
        return false;
    }

    var firstName = document.getElementById('name').value;
    var lastName = document.getElementById('lname').value;
    if (firstName.trim() === "" || lastName.trim() === "") {
        alert('Please enter your full name');
        return false;
    }

    var street1 = document.getElementById('s1').value;
    var city = document.getElementById('ci').value;
    var country = document.getElementById('po').value;
    if (street1.trim() === "" || city.trim() === "" || country.trim() === "") {
        alert('Please enter your complete address');
        return false;
    }

    var phoneNumber = document.getElementById('name').value;
    if (phoneNumber.trim() === "") {
        alert('Please enter your phone number');
        return false;
    }

    var email = document.getElementById('lname').value;
    var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+\$/;
    if (!emailRegex.test(email)) {
        alert('Please enter a valid email address');
        return false;
    }

    var adults = document.getElementById('ad').value;
    if (adult <= 0) {
        alert('Information cannot be less than or equal 0');
        return false;
    }

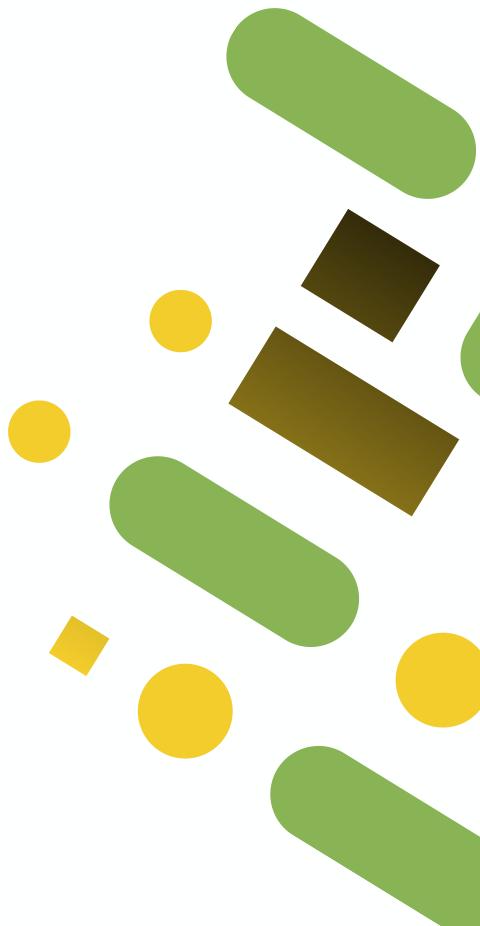
    var creditCard = document.getElementById('credit-card').checked;
    var paypal = document.getElementById('paypal').checked;
    if (!creditCard && !paypal) {
        alert('Please select a payment method');
        return false;
    }

    return true;
}

```

Initial plan VS Actual plan

Initial Plan	Actual Plan
We planned to have 10 key destinations within our webpage.	We cut down the number of key destinations to 5 destinations.
We did not plan to allow users to make reservations through the website.	Users are able to make reservations at resorts, hotels, and campsites via our site.
Planned to have a FAQ page that showcase the common questions among users.	Allow users to directly ask questions.
A blog section containing articles and such on the resorts/hotels.	A detailed description on the website of the resort/hotel.
Has a different section to add reviews.	Removed the reviews section.



Work Contribution

Name	Initial Distribution	Actual Distribution
Pasindu Rajapakse	Resorts/hotels page	Resorts/hotels page, Home Page, PHP, JS
Maneesha Wedippuliarachchi	Camping page	Camping page, Resort/hotels page, PHP, JS
Tamashi Kasthuriarachchi	Transport page, Home Page	Transport page, Final Report, PHP, JS
Maduranga Ariyasena	Login Page	Login Page
Rev. U. Siri Seewali	Services page	Services page
Nimna Sankalpa	Sign up	Sign up

Future Enhancements

- We hope to modify the special offers section on the home page so that it will change and be updated by itself.
- We hope to increase the number of hotels, resorts, camping sites, and transportation modes entered into our database.
- We hope to connect our website with the main websites of the hotels, resorts, and camping sites. So that everything will be updated automatically in real time.
- We hope to add a wishlist to our website so that users can save the accommodation they fancy visiting at a later date.
- We hope to give out personalized recommendations for destinations, accommodations, and activities based on user preferences and travel styles.
- We hope to develop the website so that users can create and customize their Sri Lankan itinerary within the website.
- We hope to integrate an interactive map showcasing destinations, accommodation options, transportation routes, and points of interest.
- We hope to create a forum or social media community platform for users to connect, share experiences, and ask questions.
- We hope to implement an AI chatbot to answer user queries and provide real-time assistance.
- We hope to create a mobile app to provide users with convenient access to website functionalities on their smartphones.

Citations/References

- Pictures and videos-
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<https://www.pexels.com/>
- Information on Hotels/Resorts-
<https://www.booking.com/>
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- Information on Transportation-
<https://dumriya.com/>
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- Information on Campingsites-
<https://www.booking.com/>
<https://srilankayalasafari.com/>

Team Members

<u>Name</u>	<u>Student Number</u>	<u>Phone Number</u>
Pasindu Rajapakse	HS/2020/0196	0779048298
Maneesha Wedippuliarachchi	HS/2020/0612	0768001307
Tamashi Kasthuriarachchi	HS/2020/0628	0774550298
Maduranga Ariyasena	HS/2020/0768	0775420568
Rev. U. Siri Seewali	HS/2020/2012	0788711400
Nimna Sankalpa	HS/2020/0205	0781263494