

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belgaum -590014, Karnataka.



## PROJECT WORK-1 REPORT on

### “INTREPID TREKKERS”

*Submitted by*

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*Under the Guidance of*  
**Dr.K.Panimozhi**  
Assistant Professor, BMSCE

*in partial fulfillment for the award of the degree of*  
**BACHELOR OF ENGINEERING**  
*in*  
**COMPUTER SCIENCE AND ENGINEERING**



**B.M.S. COLLEGE OF ENGINEERING**

(Autonomous Institution under VTU)

**BENGALURU-560019**

**DEC 2019**

**B. M. S. College of Engineering,  
Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the project work “**INTREPID TREKKERS**” as a part of Project lab has been carried out by **VYSHNAVI MN (1BM18CS125), TRISHALA K SHETKAR (1BM18CS118), SNEHITA I (1BM18CS109)** during the academic year 2019-2020.

Signature of the guide

**Dr.K.Panimozhi**

Assistant Professor

Department of Computer Science and Engineering  
BMS College of Engineering, Bangalore

**B.M.S. COLLEGE OF ENGINEERING**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**DECALARATION**

We, **VYSHNAVI MN (1BM18CS125)**, **TRISHALA K SHETKAR (1BM18CS118)**,  
**SNEHITA I (1BM18CS109)**, students of 4<sup>th</sup> Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Database Application development work entitled "**INTREPID TREKKERS**" has been carried out by us under the guidance of Mrs. K.Panimozhi, Assistant Professor, Department of CSE, BMS College of Engineering, Bangalore during the academic semester Aug-Dec 2019

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

**VYSHNAVI MN (1BM18CS125)**

**TRISHALA K SHETKAR (1BM18CS118),**

**SNEHITA I (1BM18CS109)**

## **INTRODUCTION**

Trekking can be done anywhere in the world. Treks can be organized in any tourist or non-tourist areas in almost every country. A trek can be as long or as short as participants decide: a day, a few days, a week, or more. If you like you can go on an expedition for a year.

Trekking can be as physically demanding and adventurous as participants decide. The variety of trekking activities and a terrific choice of destinations attract a wide mix of participants to the joy of trekking.

Trekking is a different sort of travel activity. While planning is required, a trek is subject to the variables of nature. Trekkers move on foot through a variety of weather conditions and topography, and often through rural areas. Many experienced trekkers often travel through isolated areas. However, it is also common to do treks close to cities and towns as well.

The highlight of most treks is to get an up-close view of beautiful and awesome scenery. Trekking often allows you to interact with nature, by doing things like climbing rock walls or moving over a mountain or navigating an entire mountain range.

Trekking is best first done with someone who has experience or in a group led by a skilled trekker. This helps introduce newcomers to any special skills required to successfully make an overland journey of significant length.

Medium length treks usually only require average physical fitness and ability. Short treks can be accomplished by most healthy persons. Long treks require some ability to handle endurance and a very good degree of fitness.

## **Short Description of the Project Work**

Trekking is similar to Meditation. When you climb up to a mountain peak, it somehow calms you down. Our love for Trekking comes from our love for travel and so we pick mountains that are a treat to the eyes, paths that offer great views, when your legs decide to stop for a break, campsites under the starry sky while you wait for Moonrise and creates the most beautiful mornings. Trekking for us is not about rushing to the peak, it is about enjoying every step of the way we pack grocery to cook on mountains, swim in the river and streams while we let the fish nibble on our feet. Conversations about more travel, more mountains is what we crave for. And so, we are opening this group up for more people to join us, to create more travel stories, climb more mountains, explore more forts and plan more travel! Come join us on our next trek if this style excites you.

Our major advantages can be summarized as follows:

- (1) Database Management: Instead of use of hard copies of data, database of all trekking events are stored in our website.
- (2) Easy Interface: The user interface is built with all the requirements of the customer and trek organizers.
- (3) User-Friendly: Our website provides opportunities for all kinds of people to participate in our events.

### **• Requirements**

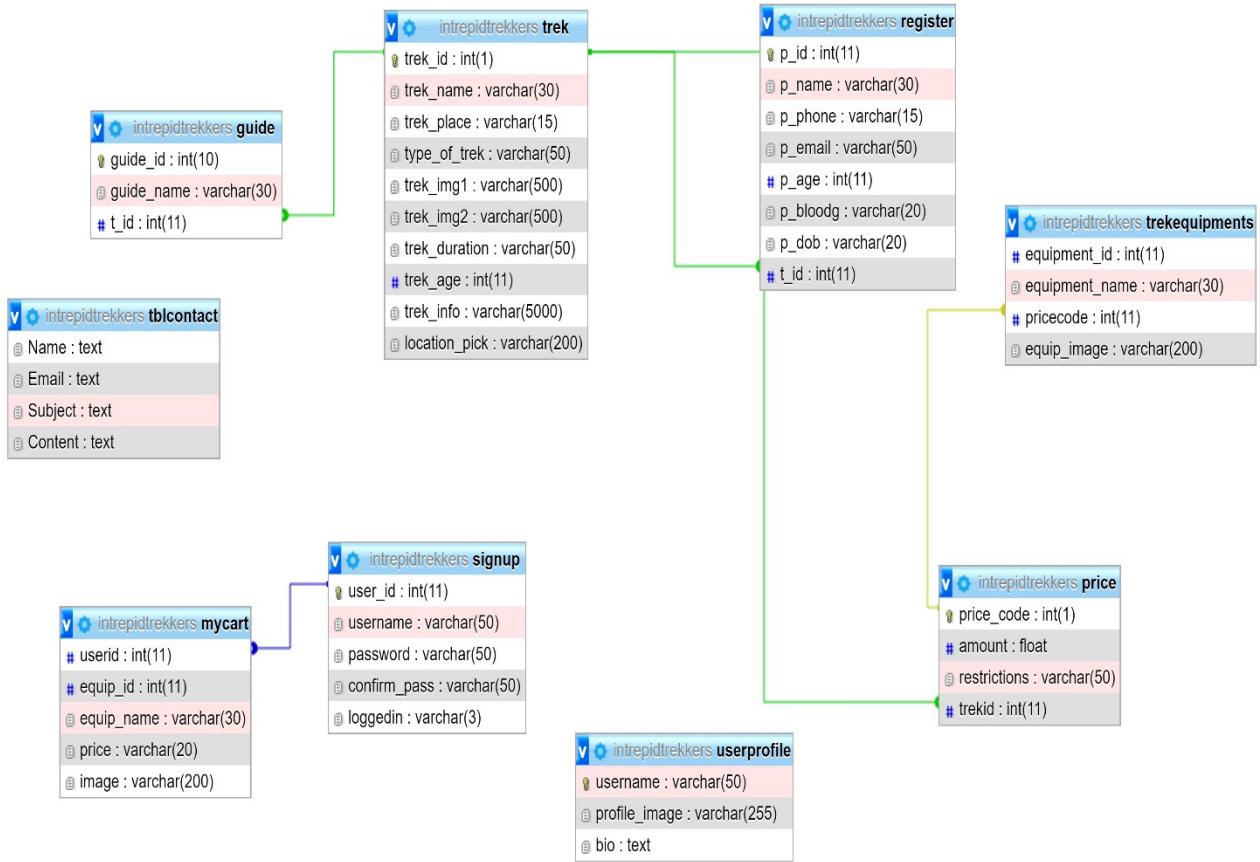
Project Requirements are as follows:

- Interested users can login/register to our upcoming events.
- Each trek has an experienced guide leading the group and all the trek details are clearly mentioned in the website.
- One has to first do the registration by filling out the registration form. Once the registration is successful, the user will get a mail regarding all the details about the trek after all the details entered by the user is verified.
- User can also order any trekking equipment provided by us.

## I. List of Entities, Attributes and Keys

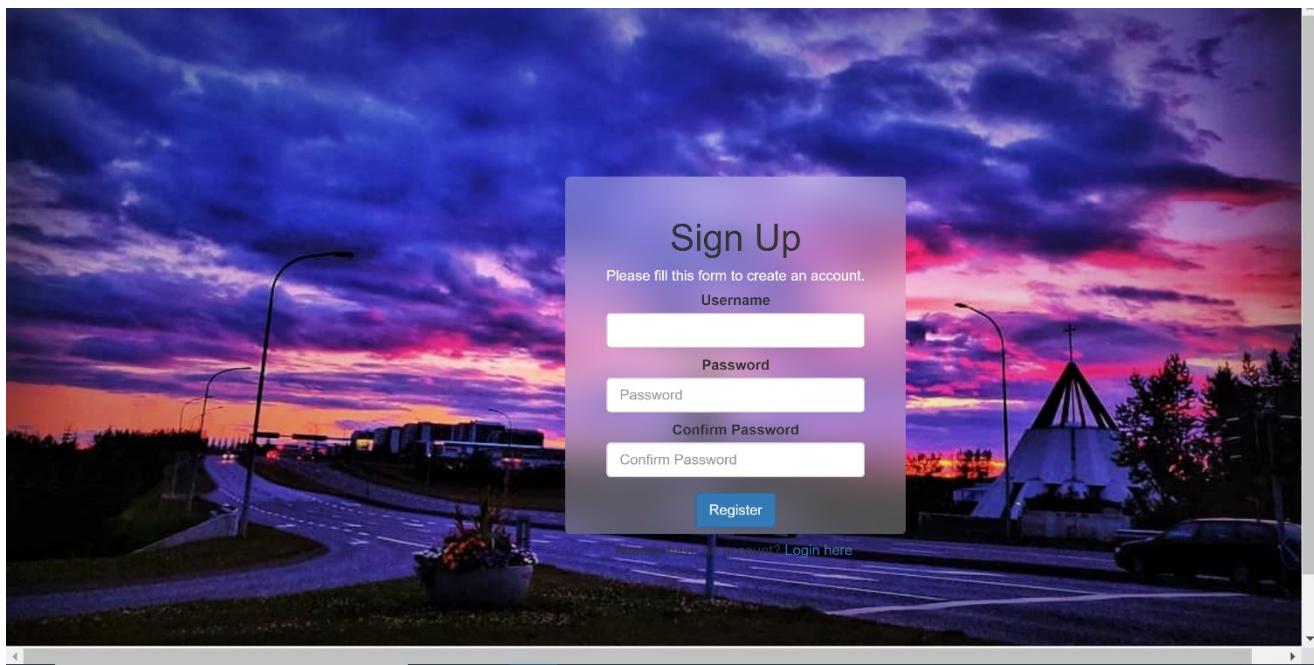
- **Guide:** (guide\_id(KEY) , guide\_name, locationpick, place)
- **Mycart:** (userid(FOREIGN KEY), equip\_id(KEY), equip\_name, price, image)
- **Price:** (trekid(FOREIGN KEY), price\_code(KEY), amount, restrictions)
- **Signup:** (user\_id(KEY), username, password, confirm\_pass, loggedin)
- **Trek:**(trek\_id(KEY), trek\_name, trek\_place, type\_of\_trek, trek\_img1, trek\_img2, trek\_duration, trek\_age, trek\_info)
- **Trekequipments:** (equipment\_id(KEY), equipment\_name, pricecode(FOREIGN KEY), equip\_image)
- **Destination:** (pid(FOREIGN KEY), guide\_id(FOREIGN KEY))
- **Register:** (p\_id(FOREIGN KEY, KEY), p\_name, p\_phone, p\_email, p\_age, p\_bloodg, p\_dob, t\_id(FOREIGN KEY))

## II. Schema Diagram

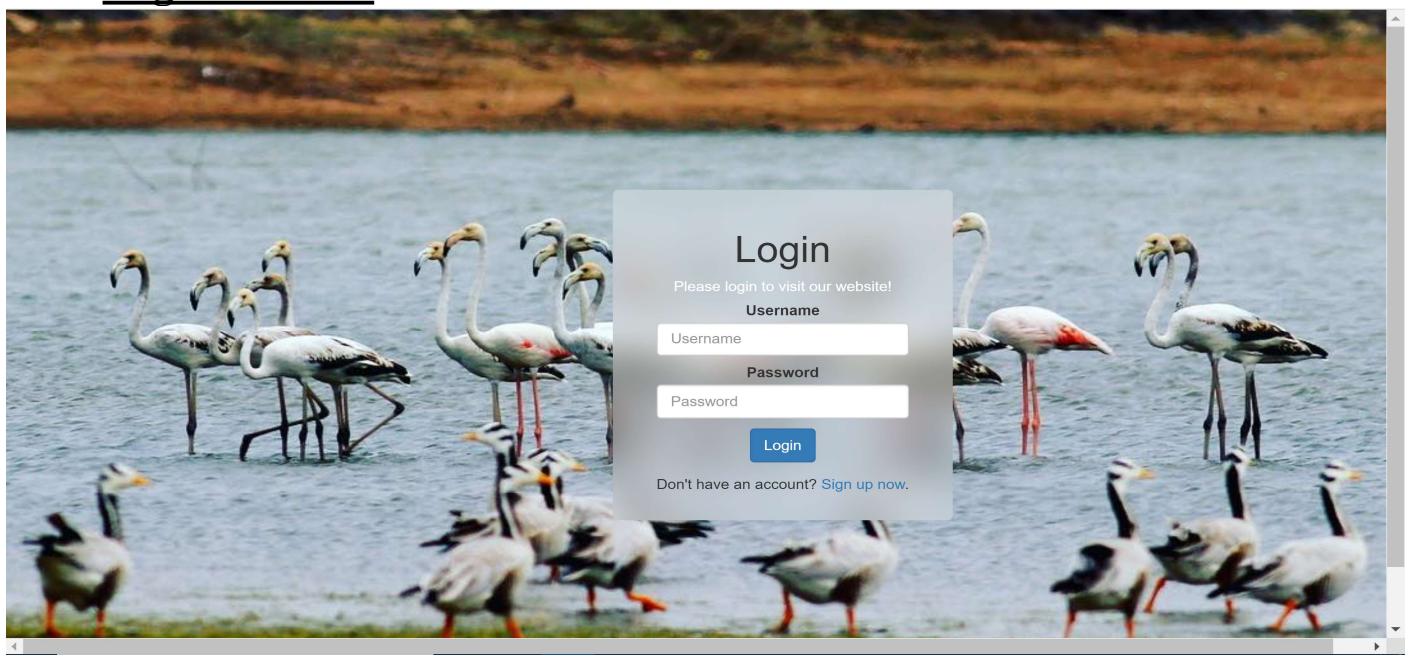


### **III. Frontend Screenshots**

#### **1. Signup Window**



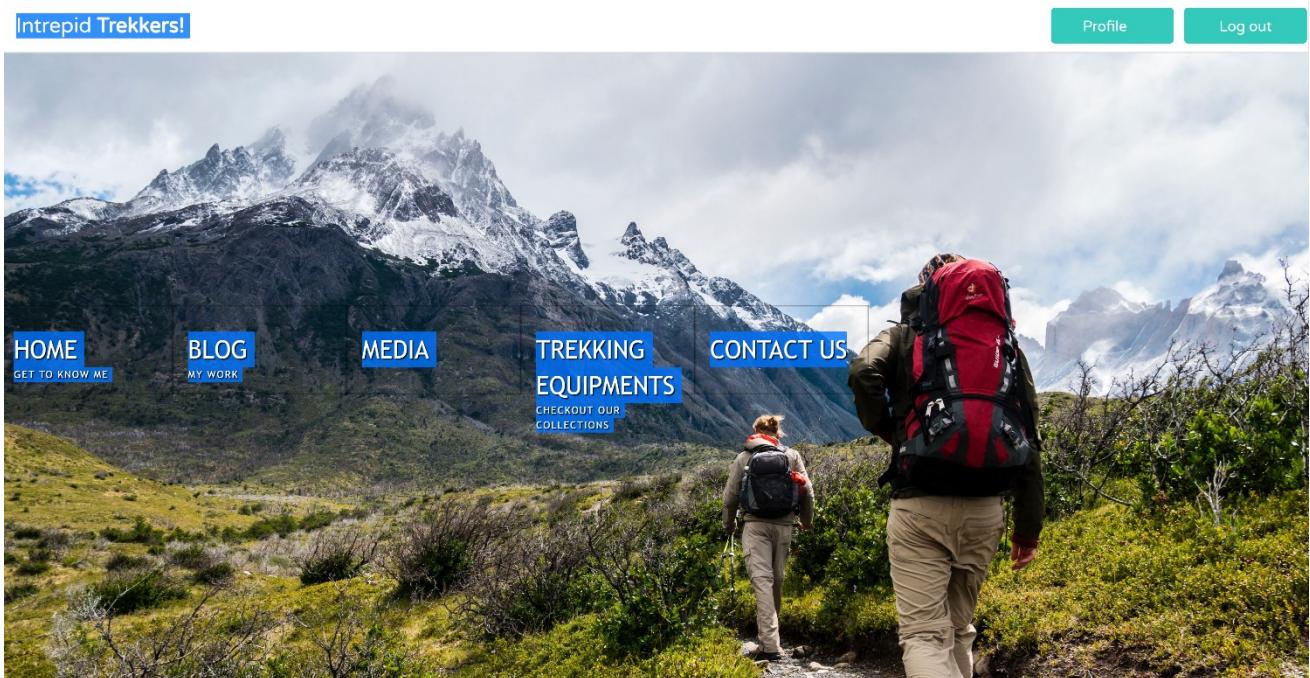
#### **2. Login Window**



### **3. Home Page**

#### **Functionalities**

- i. Home screen
- ii. Blog page
- iii. Media(connects to Intrepid Trekkers media page)
- iv. Trekking Equipment(Checkout our collections)
- v. Contact us(contact information if you have any queries)

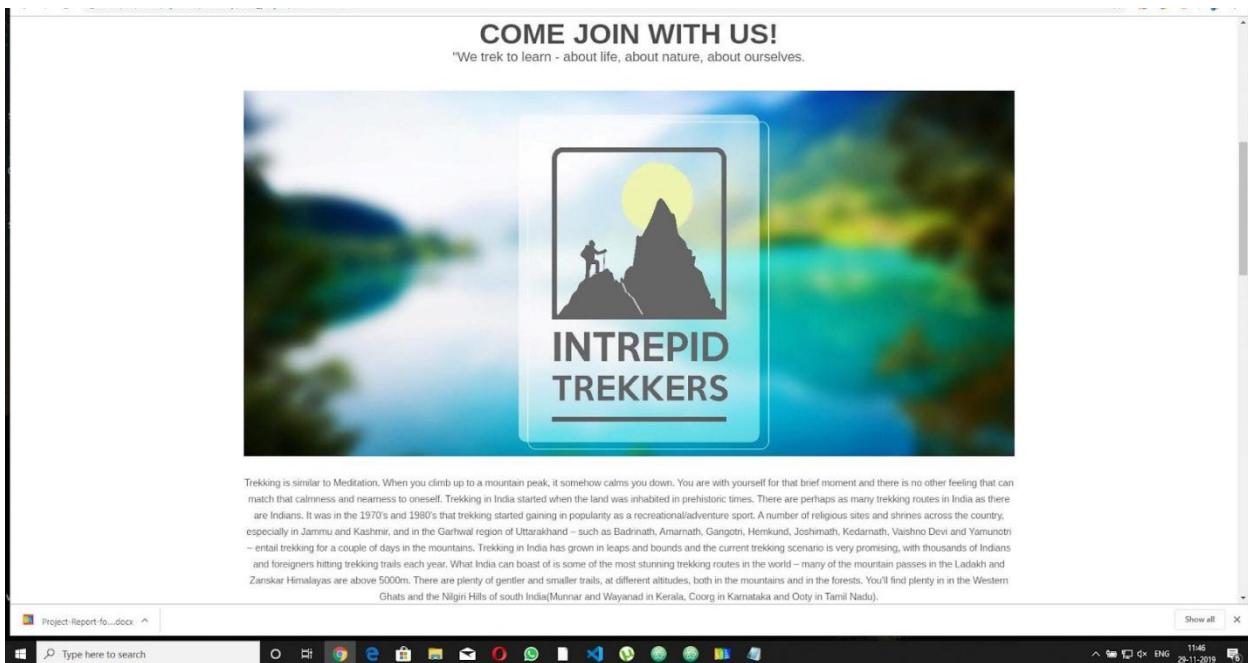


**Fig.2 Home Page**

#### **4. Blog Page**

This page is our main page which gives description about us , about trekking and the information of upcoming events and gallery.





Trekking is similar to Meditation. When you climb up to a mountain peak, it somehow calms you down. You are with yourself for that brief moment and there is no other feeling that can match that calmness and neatness to oneself. Trekking in India started when the land was inhabited in prehistoric times. There are perhaps as many trekking routes in India as there are Indians. It was in the 1970's and 1980's that trekking started gaining in popularity as a recreational/adventure sport. A number of religious sites and shrines across the country, especially in Jammu and Kashmir, and in the Garhwal region of Uttarakhand – such as Badrinath, Amarnath, Gangotri, Hemkund, Joshimath, Kedarnath, Vaishno Devi and Yamunotri – entail trekking for a couple of days in the mountains. Trekking in India has grown in leaps and bounds and the current trekking scenario is very promising, with thousands of Indians and foreigners hitting trekking trails each year. What India can boast of is some of the most stunning trekking routes in the world – many of the mountain passes in the Ladakh and Zanskar Himalayas are above 5000m. There are plenty of gentler and smaller trails, at different altitudes, both in the mountains and in the forests. You'll find plenty in the Western Ghats and the Nilgiri Hills of south India(Munnar and Wayanad in Kerala, Coorg in Karnataka and Ooty in Tamil Nadu).

**Welcome**

**OUR STORY**

"We are with YOU !"

Our love for Trekking comes from our love for travel and so we pick mountains that are a treat to the eyes, paths that offer great views, when your legs decide to stop for a break, campsites under the starry sky while you wait for Moonrise and creates the most beautiful mornings. Trekking for us is not about rushing to the peak, it is about enjoying every step of the way we pack grocery to cook on mountains, swim in the river and streams while we let the fish nibble on our feet. Conversations about more travel, more mountains is what we crave for. And so, we are opening this group up for more people to join us, to create more travel stories, climb more mountains, explore more forts and plan more travel! Come join us on our next trek if this style excites you.

**GLACIER TREK IN KASHMIR VALLEY**

Intrepidians successfully completed another Himalayan Trek in Tarar & Marsar Lakes, Basma Pass and Kolahoi glacier trek in Kashmir Valley with 100+ kms of hike in 8days with 15 people team returning back with lot of memories love towards Himalayas never fades

**MK SHOLAI TREK :**

Hi Guys, Join us for the 2 days trek somewhere in Kerala border. Detailed itinerary will be shared with shortlisted participants.Trek Cost: Rs 3500/- Inclusive of everything from Bangalore to Bangalore. (On actuals, any excess amount would be refunded). Who can join: Anybody who is physically fit to trek about 20-25 kms. Prior 2-Days trek experience is a must as it is a monsoon trek and steep terrain.

**KODAI**

Join us for 2 days trekking in the beautiful hills ranges of KodaiKanal. Detailed itinerary will be shared only with shortlisted participants Who can join: Only for Regular Trekkers who have done some difficult treks in the past and who could face any kind of situation that nature throws on us and don't have any attitude

## **5. Gallery**

### **Intrepid Family!**

We trek to learn - about life, about nature, about ourselves.



[Back](#)



## **6. Upcoming Treks**

Navbar Home Upcoming treks Trek Equipments My profile My cart Log out

### INTREPID TREKKERS!

Discover our selection of trekking tours and other adventure sports activities in different places all over India!  
Book your adventure trekking holidays at best prices and services.

Check out our upcoming treks...

Ladakh      Kashmir      Himachal Pradesh  
Uttarkhand



### Trekking in Ladakh

Come, be a part of these thrilling trekking adventures in Ladakh, a rich land that offers barren places, tapestry monasteries, great mountain kingdoms and exotic flora and fauna in a spectacular way. Explore our tailor-made itineraries that will lead you to beautiful wonders of nature and point out interesting spots in Ladakh you don't want to miss. Book your Ladakh adventure trekking holidays at best prices and services.



## Trekking in Ladakh

Come, be a part of these thrilling trekking adventures in Ladakh, a rich land that offers barren places, tapestry monasteries, great mountain kingdoms and exotic flora and fauna in a spectacular way. Explore our tailor-made itineraries that will lead you to beautiful wonders of nature and point out interesting spots in Ladakh you don't want to miss. Book your Ladakh adventure trekking holidays at best prices and services.



Stok Kangri Trek



Markha Valley Trek



## Trekking in Kashmir

Come, be a part of these thrilling trekking adventures in Kashmir, a rich land that offers barren places, tapestry monasteries, great mountain kingdoms and exotic flora and fauna in a spectacular way. Explore our tailor-made itineraries that will lead you to beautiful wonders of nature and point out interesting spots in Ladakh you don't want to miss. Book your Ladakh adventure trekking holidays at best prices and services.



The Great Lakes



### 📍 Destination

Kashmir

### 📅 Duration

4 days

### 🍴 Meals

All meals during the trek/Expedition

### 🏡 Accommodation

Hotel/tents during the trek



### Itinerary

Kashmir Great Lakes is one of the most beautiful treks in India. No question. It validates Kashmir's mythical status as heaven on earth. This is because the trek is set in a canvas that's larger than life. Every day is a 70 degree panorama of wild, rugged mountains, rolling meadows and turquoise alpine lakes. And you get more than seven of these lakes and five very different valleys to explore! Day 1: Drive from Srinagar to Sitkari (Trek base 2 Km before Sonamarg) - 85 Km - 3 hours Day 2: Trek to Nichnai - 11 Km - 7/8 hours Day 3: Trek to Vishansar Lake - 12 Km - 6/7 hours Day 4: Rest and active acclimatisation Day. Hike to Kishansar lake and back - 2 hours. Day 5: Trek to Gadsar (after lake near army camp) - 14 Km - 7/8 hours Day 6: Trek to Mengendhop via Satsar - 10 Km - 5/6 hours Day 7: Trek to Nundkol lake (near Gangabal lake) - 8 Km - 5/6 hours - visit Gangabal lake and return - 2 hours Day 8: Trek to Naranag - 11 Km - 5/6



Total price(including all charges)

10000/-

Carry cash

[Register Now](#)

## **7. Trekking Equipment**

Navbar Home Upcoming treks Trek Equipments My profile My cart

**Trekking sticks**  
PRICE: 1500  
RESTRICTIONS: Carry cash  
[ADD TO CART](#)

**binoculars**  
PRICE: 10000  
RESTRICTIONS: Carry cash  
[ADD TO CART](#)

**Trekking Bag**  
PRICE: 3000  
RESTRICTIONS: Carry cash  
[ADD TO CART](#)

## **8. User Profile Page**

Navbar Home Upcoming treks Trek Equipments My profile My cart Log out

**Treks Registered!**

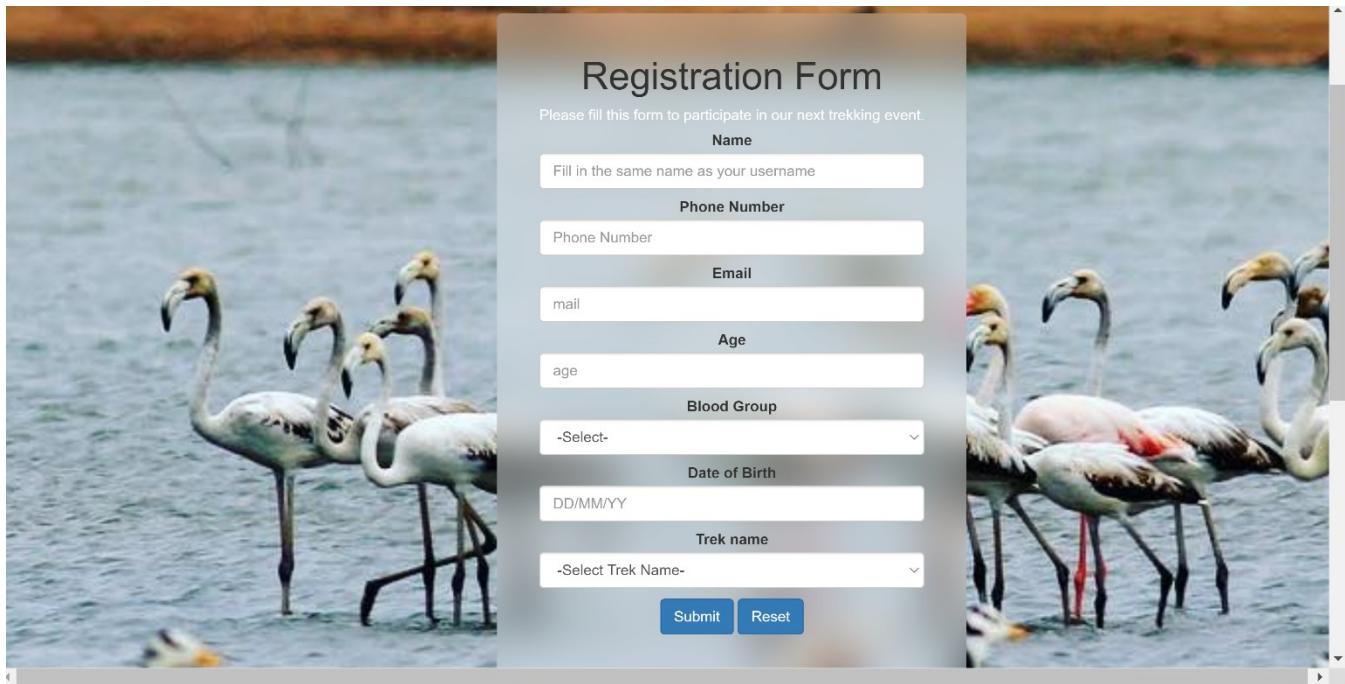
Profile : Vyshnavi MN



Stok  
Kangri  
Trek

## **9. Registration Form**

**This is online registration form to participate in our next upcoming trek**



The image shows a registration form centered over a photograph of several flamingos standing in shallow water. The form has a light gray header with the title "Registration Form" and a sub-instruction "Please fill this form to participate in our next trekking event." Below the header are seven input fields: Name, Phone Number, Email, Age, Blood Group, Date of Birth, and Trek name. Each field has a placeholder text and a dropdown arrow. At the bottom right of the form are two buttons: "Submit" and "Reset".

### **Fields in the form:**

**Name**

**Phone number**

**Email Id**

**Age**

**Blood Group**

**Date Of Birth**

**Trek name**

## **10. Contact Form**

**Contact Us!**

We'd love to hear from you.

Name

Email

Subject

Message

## **IV. Backend Screenshots:**

- **Table name: destination**

pid	guide_id
1	500
3	501
4	502
5	503

### **Normalization 2F :**

- pid is the foreign key taken which refers to the t\_id from trek table
- Guide\_id is the foreign key which refers to the guide\_id from guide table

- **Table name: guide**

		guide_id	guide_name	locationpick	place
<input type="checkbox"/>	Edit  Copy  Delete	500	Sindhu	Kushok bakula airport	Ladakh
<input type="checkbox"/>	Edit  Copy  Delete	501	John Mathew	Kushok Bakula Airport	Ladakh
<input type="checkbox"/>	Edit  Copy  Delete	502	Shruthi KN	Kushok Bakula Airport	Ladakh
<input type="checkbox"/>	Edit  Copy  Delete	503	Shekhar Dhavan	Kushok Bakula Airport	Ladakh

- **Table name: equipment**

userid	equip_id	equip_name	price	image
134	1	Trekking sticks	1000	<a href="https://res.cloudinary.com/sagacity/image/upload/c...">https://res.cloudinary.com/sagacity/image/upload/c...</a>
134	1	Trekking sticks	1000	<a href="https://res.cloudinary.com/sagacity/image/upload/c...">https://res.cloudinary.com/sagacity/image/upload/c...</a>
134	3	Trekking Bag	1500	<a href="https://m.media-amazon.com/images/I/71Y7TckHECL._A...">https://m.media-amazon.com/images/I/71Y7TckHECL._A...</a>

## ● Table name : price

		trekid	price_code	amount	restrictions
<input type="checkbox"/>		1	4c	15000	Can pay through only debit cards and credit cards
<input type="checkbox"/>		3	4dd	16500	Can pay through netbanking,creadit and debit cards
<input type="checkbox"/>		4	4ee	10500	Can pay through netbanking,creadit card and debit
<input type="checkbox"/>		5	4ff	12500	Can pay through netbanking,creadit card and debit
<input type="checkbox"/>		NULL	equip1	1000	Only cash
<input type="checkbox"/>		NULL	equip2	250	Only cash
<input type="checkbox"/>		NULL	equip3	1500	Only cash

## ● Table name: register

		p_id	p_name	p_phone	p_email	p_age	p_bloodg	p_dob	t_id
<input type="checkbox"/>		7	madhavi	9887898766	snehita.raj10@gmail.	30	A+	12/8/1988	1
<input type="checkbox"/>		8	madhavi	9678009787	madhavi.raj10@gmail.	30	AB+	12/8/1988	5
<input type="checkbox"/>		9	madhavi	9089887878	snehita.raj10@gmail.	30	A+	12/8/1988	3
<input type="checkbox"/>		10	madhavi	9490887909	madhavi.raj10@gmail.	30	A+	12/8/2000	1

## ● Table name: signup

		user_id	username	password	confirm_pass	loggedin
<input type="checkbox"/>		19	kvsravya	kvsravya123	kvsravya123	no
<input type="checkbox"/>		134	madhavi	MADHAVI123	MADHAVI123	yes

## ● Table name : trek

	trek_id	trek_name	trek_place	type_of_trek	trek_img1	trek_img2
Click the drop-down arrow to toggle column's visibility.						
<input type="checkbox"/>	1	Frozen river trek	Ladakh	tough	<a href="https://www.trekkinginindia.com/images/frozen-rive...">https://www.trekkinginindia.com/images/frozen-rive...</a>	<a href="https://www.trekkinginindia.com/imag...">https://www.trekkinginindia.com/imag...</a>
<input type="checkbox"/>	3	Stok Kangri Trek	Ladakh	tough	<a href="https://www.trekkinginindia.com/images/stok-kangri...">https://www.trekkinginindia.com/images/stok-kangri...</a>	<a href="https://www.trekkinginindia.com/imag...">https://www.trekkinginindia.com/imag...</a>
<input type="checkbox"/>	4	The Nubra Valley Tre	Ladakh	easy	<a href="https://www.trekkinginindia.com/images/nubra-valle...">https://www.trekkinginindia.com/images/nubra-valle...</a>	<a href="https://www.trekkinginindia.com/imag...">https://www.trekkinginindia.com/imag...</a>
<input type="checkbox"/>	5	Manali Ladakh Trek	Ladakh	easy	<a href="https://www.trekkinginindia.com/images/manali-lada...">https://www.trekkinginindia.com/images/manali-lada...</a>	<a href="https://www.trekkinginindia.com/imag...">https://www.trekkinginindia.com/imag...</a>

trek_img2	trek_duration	trek_age	trek_info
<a href="https://www.trekkinginindia.com/images/frozen-rive...">https://www.trekkinginindia.com/images/frozen-rive...</a>	7 days	19	Walking on Frozen river of Zanskar is an ultimate ...
<a href="https://www.trekkinginindia.com/images/stok-kangri...">https://www.trekkinginindia.com/images/stok-kangri...</a>	18 days	20	Stok Kangri is one of the most strenuous trekking ...
<a href="https://www.trekkinginindia.com/images/nubra-valle...">https://www.trekkinginindia.com/images/nubra-valle...</a>	10 days	16	Far from the reach of leisure travellers, there is...
<a href="https://www.trekkinginindia.com/images/manali-lada...">https://www.trekkinginindia.com/images/manali-lada...</a>	13 days	15	Being one of the wanderers of the Indian Himalayan...

- Table name: equipment

equipment_id	equipment_name	pricecode	equip_image
1	Trekking sticks	equip1	https://res.cloudinary.com/sagacity/image/upload/c...
3	Trekking Bag	equip3	https://m.media-amazon.com/images/I/71Y7TckHECL._A...
2	Binoculars	equip2	http://upload.wikimedia.org/wikipedia/commons/a/a0...

- Table name: userprofile

			username	profile_image	bio	
<input type="checkbox"/>	 Edit	 Copy	 Delete	profile.jpg	smart and..	
<input type="checkbox"/>	 Edit	 Copy	 Delete	asdf	profile11.jpg	hello..
<input type="checkbox"/>	 Edit	 Copy	 Delete	kvsravya	profile11.jpg	hello..
<input type="checkbox"/>	 Edit	 Copy	 Delete	madhavi	profile11.jpg	hello..
<input type="checkbox"/>	 Edit	 Copy	 Delete	nagaraj	profile.jpg	smart and..
<input type="checkbox"/>	 Edit	 Copy	 Delete	qwer	profile11.jpg	hello..
<input type="checkbox"/>	 Edit	 Copy	 Delete	Snehita	profile.jpg	smart and..

