

## WEB PORTAL FOR NATIONAL PARKS



## NATIONAL PARKS OF INDIA

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## **WEB PORTAL FOR NATIONAL PARKS**

### **Abstract:**

The aim of this project is to provide the details of National Parks of India through the structural design of the Web Portal for National Parks. On this web portal, we will include a concise abstract of the National Parks and provides positive management and extra resources to safeguard and enhance the special qualities of these areas for the long term. It's main objective is to focus on conservation of nature and to promote the care, enjoyment, understanding and sustainable use of the nature. For the conservation of the natural environment, these areas are generated and set up by the Government of India. National Parks are covered under the protected areas. Protected areas are of the important strategy to conserve nature and its habitats. The National Park also acts as a significant component of the tourism in the country.

### **Objectives:**

1. To make the web portal interface more user-friendly.
2. To provide opportunities for the public to enjoy the natural and cultural heritage that the National Parks boast.
3. To demonstrate the important information about the National Parks of India.
4. To protect the natural environment of the area and conservation of biodiversity.

### **System Users:**

1. Management / Administrator (Admin)
2. Staffs
3. Users / Visitors

## WEB PORTAL FOR NATIONAL PARKS

### 1. Management / Administrative Features:

**Management feature** plays a vital role in order to manage all the information about their National Parks on their personal websites. Management of these protected areas faced various challenges such as conservation, resource use, preservationism and sustainable use, human relocation, tourism and ecosystem services. The web portal serves as a management channel for analyzing the status of the National Parks. National Parks are created and protected by national governments. Through this web portal, management can view the activity status of staff and users or tourists, as well as analyse them.

### 2. Staffs Features:

The staff of National Parks has their own profiles on the web portal, where they can incorporate with the Admin and other relevant information to improve the website's content as well as for management assessment. The duties of the **National Park ranger** are to supervise, manage, and/or perform work in the conservation and use of resources. This involves functions such as park conservation; natural, historical, and cultural resource management; and the development and operation of interpretive and recreational programs for the benefit of the visiting public. Park rangers also have fire fighting responsibilities and execute search and rescue missions. Management of resources such as wildlife, lake shores, forests, historic buildings, and recreation areas are also part of the job of a park ranger. The Staff of the National Parks are responsible for visitor protection, resource protection, law enforcement, and special park uses, such as commercial filming.

### 3. Users / Visitors Features:

Web portal for National Parks is a website where people who are interested in visiting the national parks can view this website from where they can get to know where the national park is situated. This website is provided the complete information of few national parks situated in India, where the **visitors** can get to know the complete information about the particular national park. National parks represent the beauty of undisturbed nature, and thus, it significantly attracts tourists and nature lovers.

## **WEB PORTAL FOR NATIONAL PARKS**

### **Software Requirements:**

#### **I. IDE / Text Editor:**

- Visual Studio Code
- Git Bash CLI
- Sublime Text Editor

#### **II. Front End:**

- HTML5
- CSS3

#### **III. Back End:**

- MySql

#### **IV. Browser:**

- Google Chrome
- Mozilla Firefox
- Safari

#### **V. Operating System:**

- Ubuntu (Linux)

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### Use Case Diagram:

