WILD AND FREE WEBSITE

A MINI PROJECT REPORT

Submitted by

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In partial fulfillment for the award of degree of

B.Tech Computer Science And Engineering

School of Computing Science and Engineering
VIT Chennai, Chennai-600127, Tamil Nadu, India

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School of Computing Science and Engineering

DECLARATION

We hereby declare that the project entitled **"Wild And Free Website "** submitted by us to the School of Computing Science and Engineering, VIT University, Chennai Campus, Chennai – 600127 in partial fulfillment of the requirements for the award of the degree of **B.Tech Computer Science And Engineering** is a record of bonafide work carried out by us under the supervision of **Prof. M. Premalatha, Assistant Professor (SG)**. We further declare that the work reported in this project has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma of this institute or of any other institute or university.

Signature

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CERTIFICATE

The project report entitled "**Wild And Free Website**" is prepared and submitted by Candidates **Ishita Jaju-16BCE1059,Meghna Lohani-16BCE1395, Pooja Uplanchiwar-16BCE1030** it has been found satisfactory in terms of scope, quality and presentation as partial fulfillment of the requirements for the award of the degree of **B.Tech Computer Science And Engineering** in VIT University, Chennai Campus, Chennai, India.

Signature

(Prof. M. Premalatha)

Examined by:

Internal Examiner **External Examiner**

ACKNOWLEDGEMENT

We obliged to give our appreciation to a number of people without whom we could not have completed this thesis successfully.

We would like to place on record our deep sense of gratitude and thanks to our internal guide **Prof. M. Premalatha,** School of Computer Science and Engineering (SCSE), VIT University whose esteemed support and immense guidance encouraged us to complete the project successfully.

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We thank our management of VIT University, Chennai campus for permitting us to use the library resources. We also thank all the faculty members for giving us the courage and the strength that we needed to complete our goal. This acknowledgement would be incomplete without expressing the whole hearted thanks to our family and friends who motivated us during the course of our work.

We thank the Almighty, whose showers of grace were felt during the entire course of our project.

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CONTENTS

Abstract:

India has a very rich flora and fauna . It is estimated that there are over 500 species of mammals, 200 plus species of birds and about 30,000 species of insects. In addition to the above, there are hundreds of species of fish and reptiles. Indian wild life comprises of the Asian elephant, the only lions outside Africa, the Royal Bengal Tiger, single horned Indian rhino, the wild buffalo (Indian Bison) many leopards and smaller cat species, large variety of deer, monkeys and wild goats. The reptile population includes a wide range of snakes, lizards and crocodiles. Birds range from the colorful peacocks and parrots to large stock of migrant water birds. Much of the fauna is protected by law. To protect wild life, India had setup 66 National Parks, 333 wild life Sanctuaries and 35 zoological gardens in the country

The project is an educational website that will provide information about the various species of flora and fauna. This user-friendly online portal allows users to search for information on both plants grown in a particular region and *animals* that can be found in India. A user can login and get information, facts and pictures about wildlife and various species of plants they are searching for. There will be administrators' login, who can update the website. There will be details about National Parks, Bio-reserves and wildlife sanctuaries across the country as well as the flora and fauna that inhabits them. On the back-end, there will be an SQL database management system where all the information regarding the wildlife as well as the user details will be stored.

A user can be of two types - paying customer and free user. A free user will get limited amount of information, whereas a paying customer gets additional rewards such as coupon codes for wildlife research, trips,etc. The paying users will get the privilege be to upload reviews, feedbacks and pictures of the places visited. On the front-end, the website will display information in an interactive manner. On the home page of the website, there will be sections for Fact of the day, news, featured posts, featured pictures etc.

We will include an image map on the map of india so that user can select the desired state and get information about the wildlife sancturies, parks and bio-sphere reserves located in that state.
There will be a sidebar to display the most searched contents and a photo gallery which will display the photos.

PROBLEM DESCRIPTION:

Easier access of databases and tables needed. We do it through web forms and php outputs.

Analysed previous works like wikipedia and all - they all use a lot of space as each entry has a different page with a diff url. We take up less space by using the same page and same formatting and all our data is stored and encoded in databases which also saves space.

Related works:

Wikipedia, Britannica online Encyclopedias. Our encyclopedia focusses on flora and fauna

SYSTEM REQUIREMENTS:

Apache server, mysql server, modern web browser.

ANALYSIS AND DESIGN:

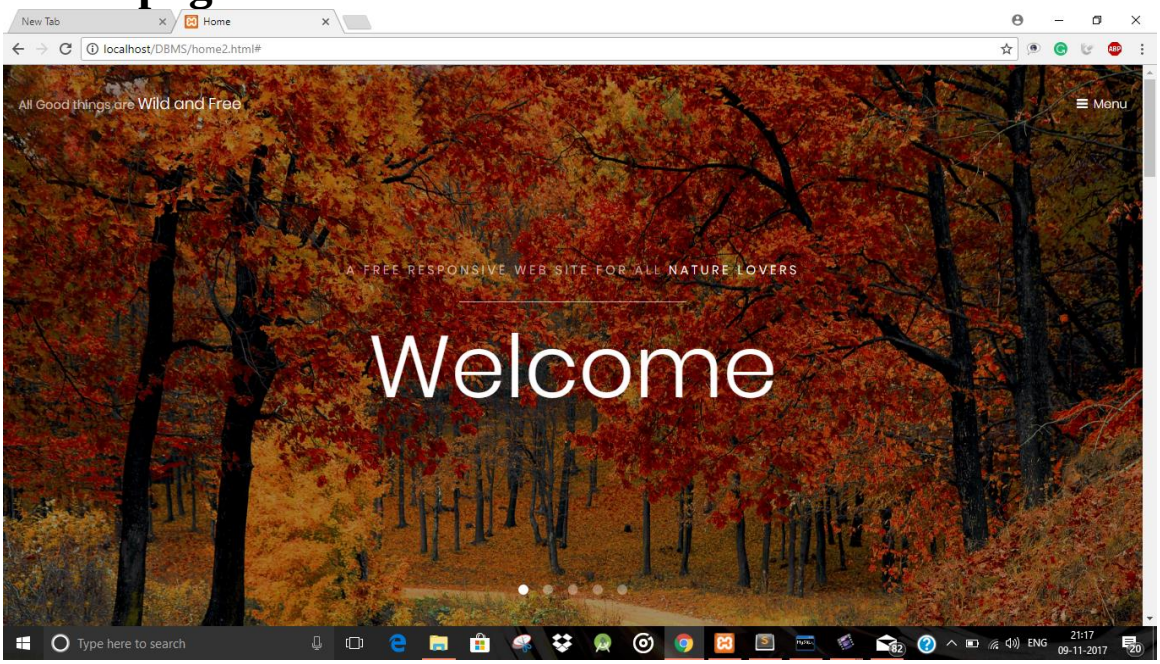
We analysed our needs, designed the complete website through css, js, bootstrap and php-mysql

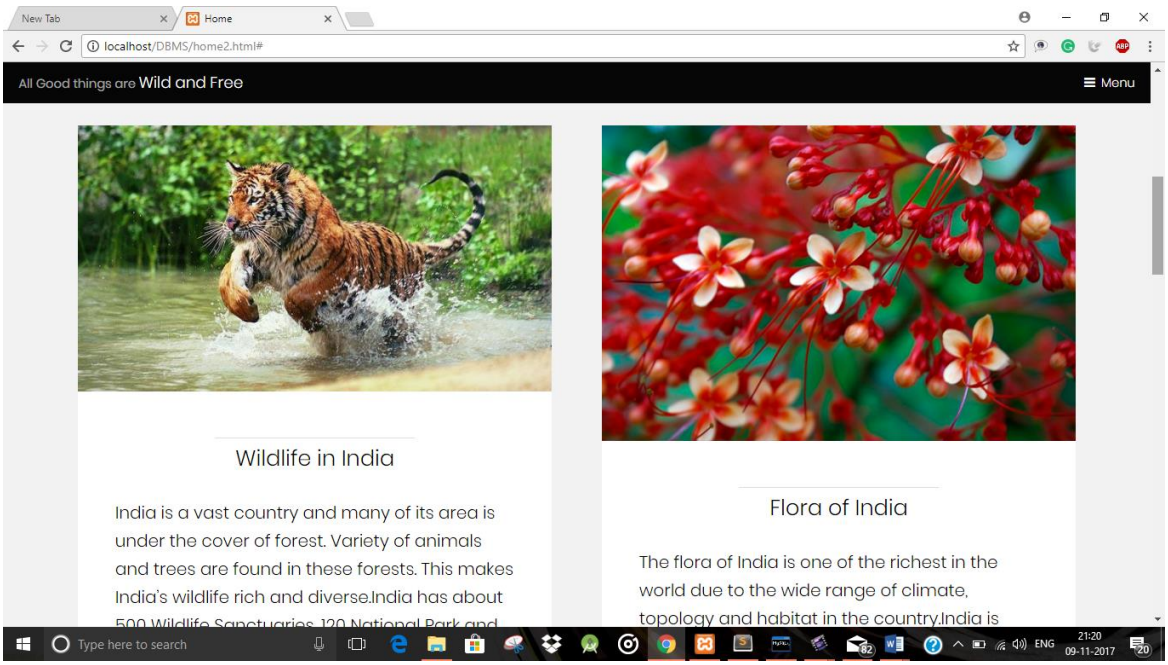
REQUIREMENTS:

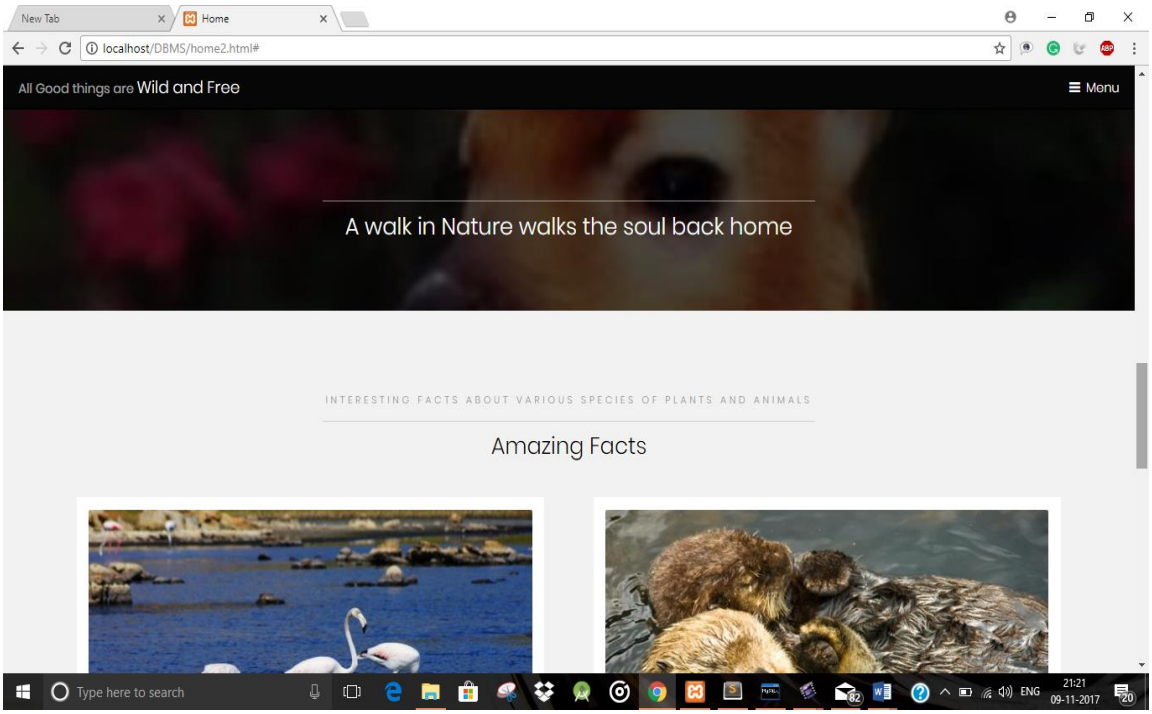
Skills in web programming, idea in designing.

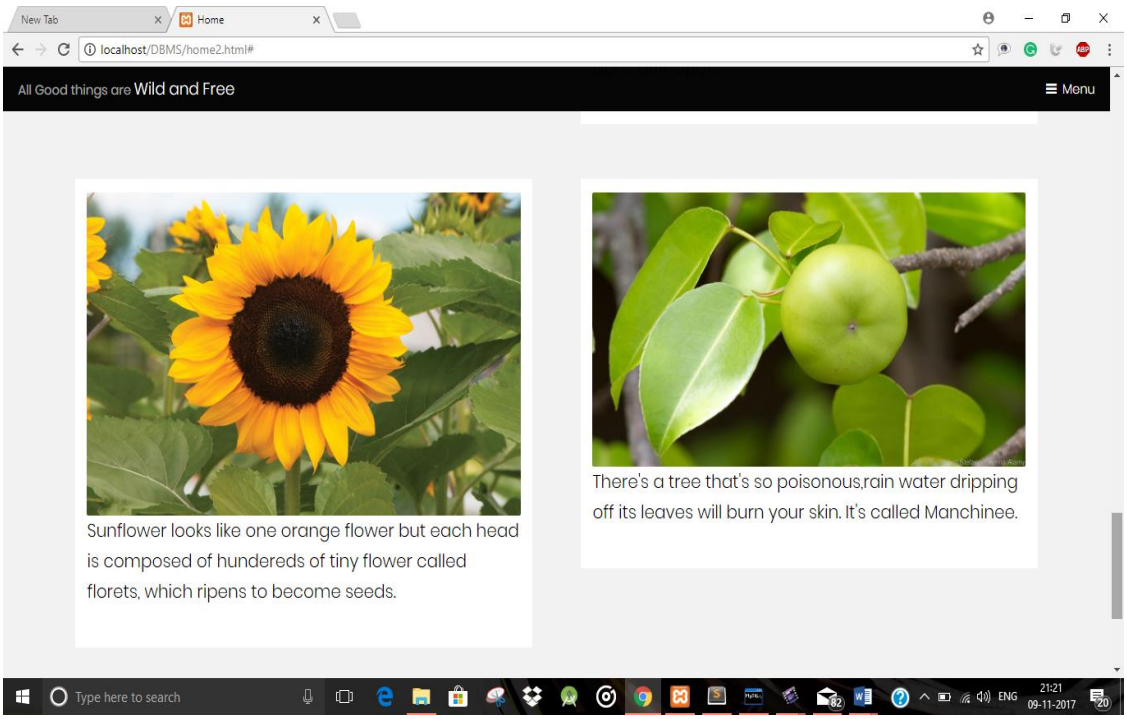
Implementation:

Home page

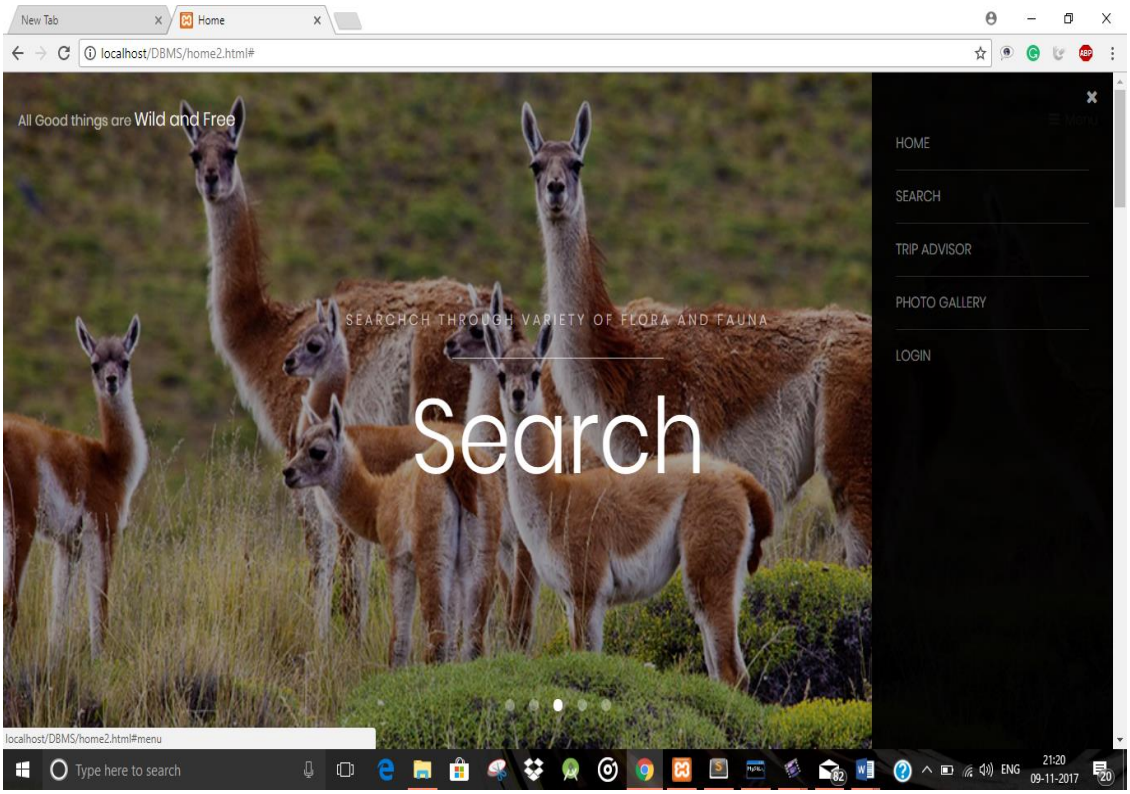



New Tab
Home
localhost/DBMS/home2.html#
All Good things are Wild and Free
Menu
Wildlife in India
India is a vast country and many of its area is under the cover of forest. Variety of animals and trees are found in these forests. This makes India's wildlife rich and diverse.India has about
Flora of India
The flora of India is one of the richest in the world due to the wide range of climate, topology and habitat in the country.India is
Type here to search
ENG
21:20
09-11-2017

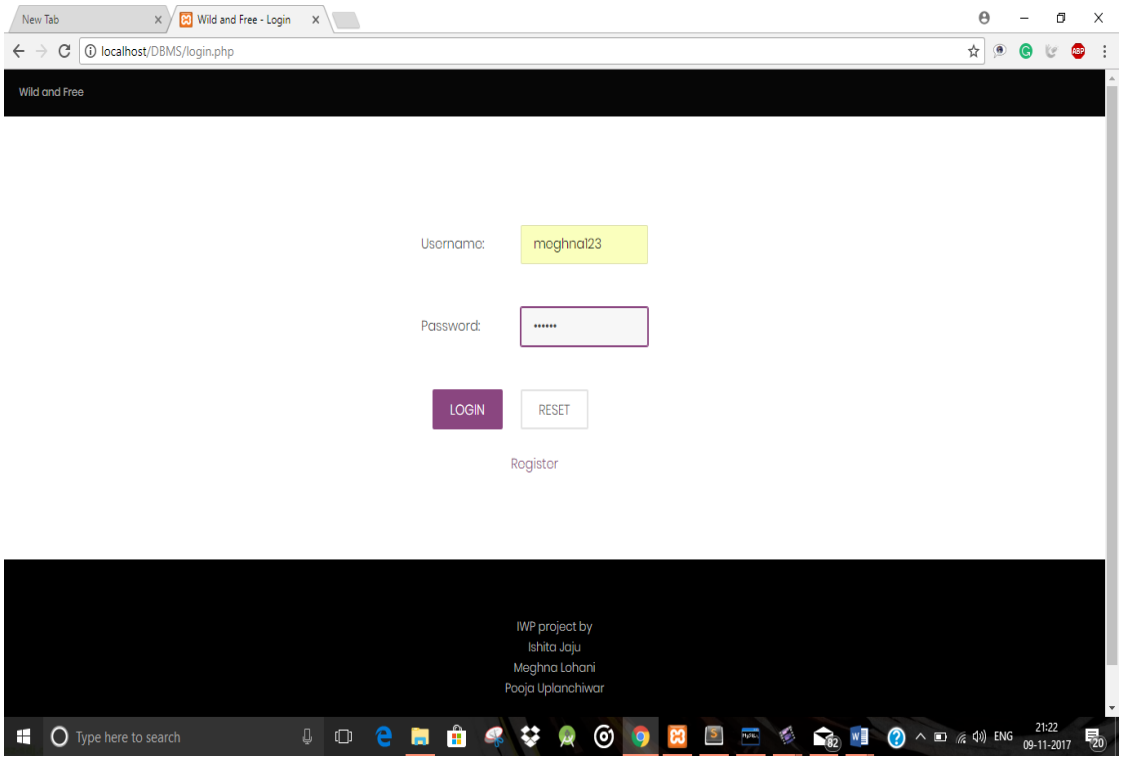

New Tab
Home
localhost/DBMS/home2.html#
All Good things are Wild and Free
Menu
A walk in Nature walks the soul back home
INTERESTING FACTS ABOUT VARIOUS SPECIES OF PLANTS AND ANIMALS
Amazing Facts
Type here to search
ENG
21:21
09-11-2017


New Tab
Home
localhost/DBMS/home2.html#
All Good things are Wild and Free
Menu
Sunflower looks like one orange flower but each head is composed of hundereds of tiny flower called florets, which ripens to become seeds.
There's a tree that's so poisonous,rain water dripping off its leaves will burn your skin. It's called Manchinee.
Type here to search
ENG
21:21
09-11-2017

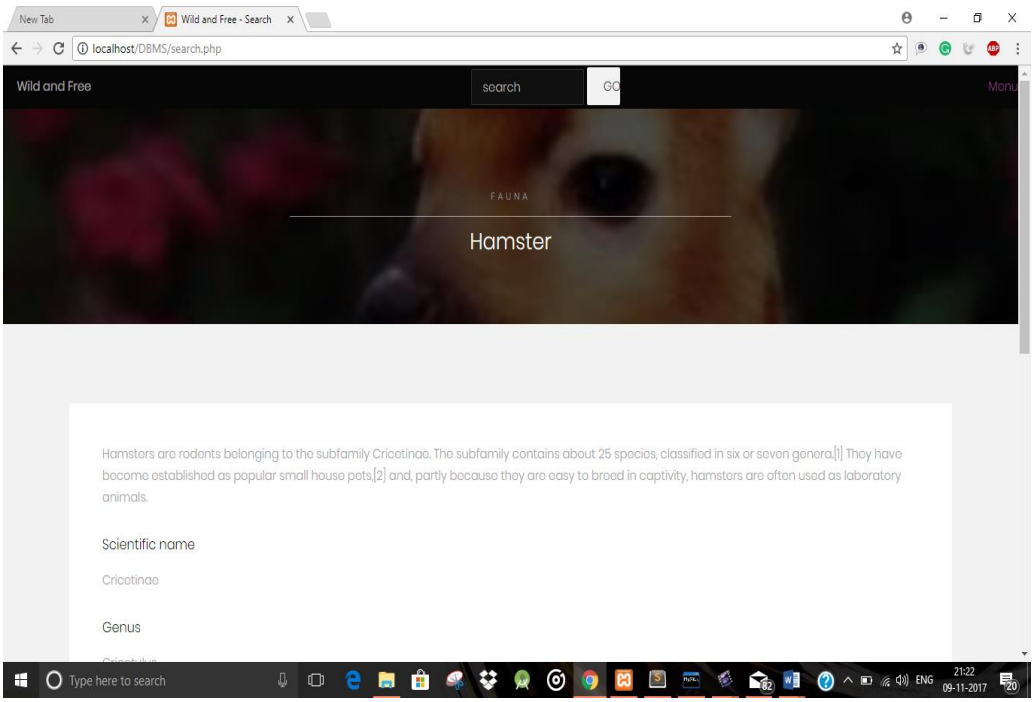
Menu


New Tab
Home
localhost/DBMS/home2.html#
All Good things are Wild and Free
SEARCHCH THROUGH VARIETY OF FLORA AND FAUNA
Search
HOME
SEARCH
TRIP ADVISOR
PHOTO GALLERY
LOGIN
localhost/DBMS/home2.html#menu
Type here to search
ENG
21:20
09-11-2017

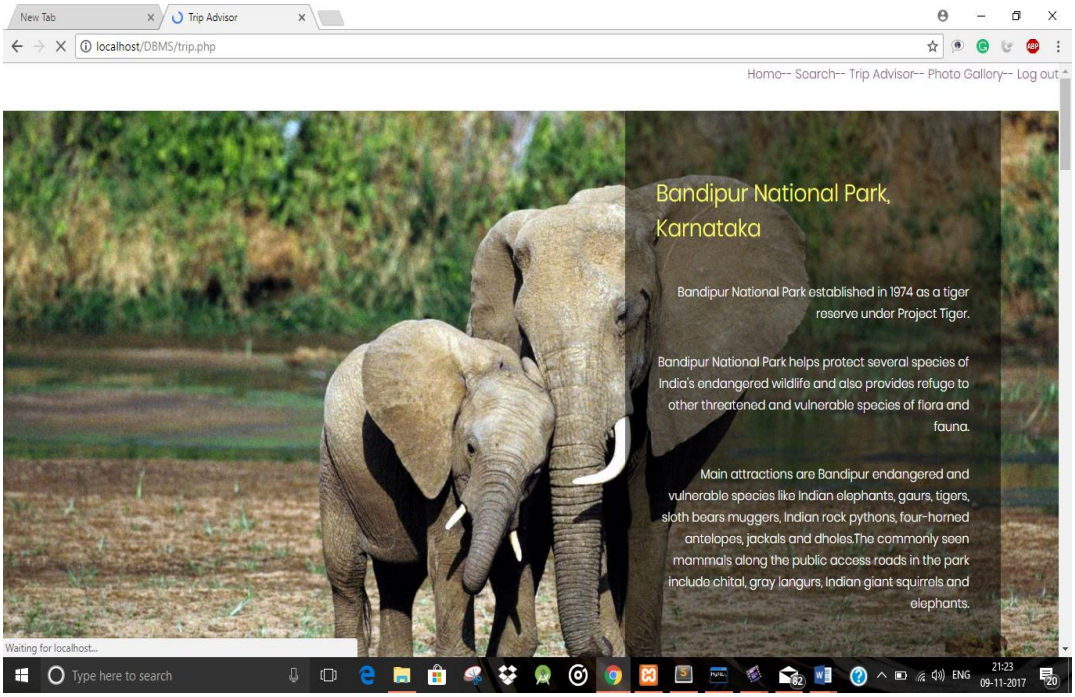
Login

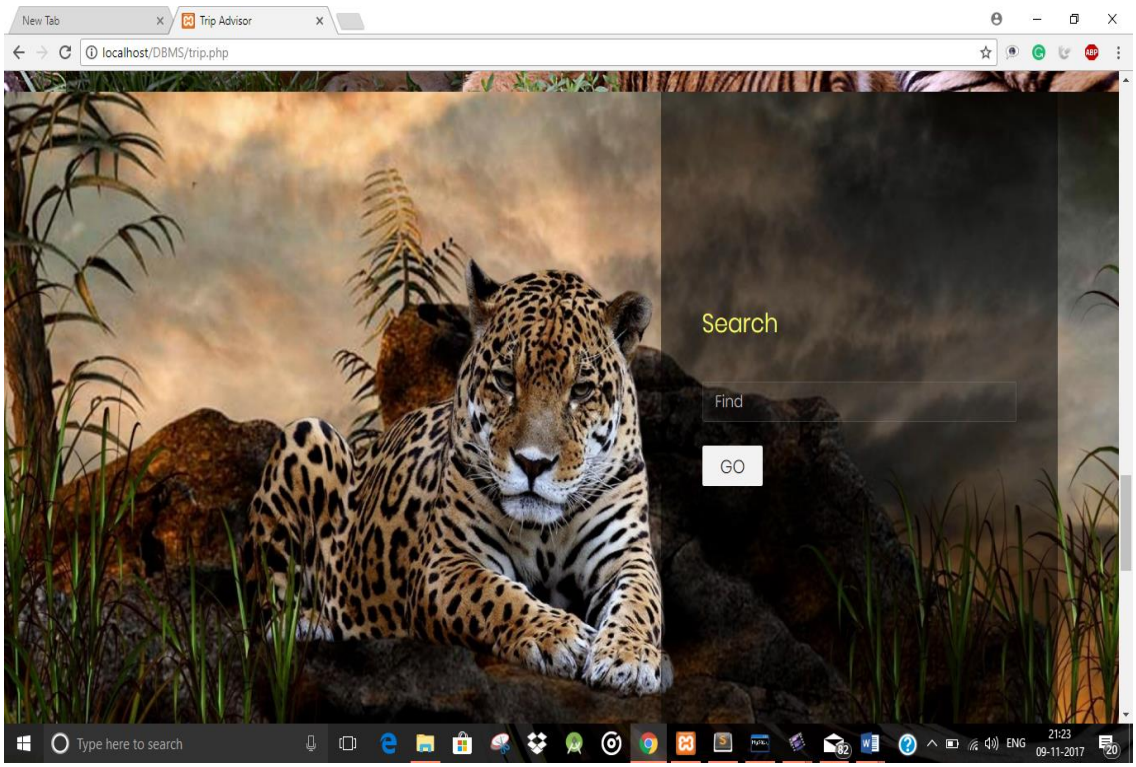


Search



Trip Advisor





Result of search

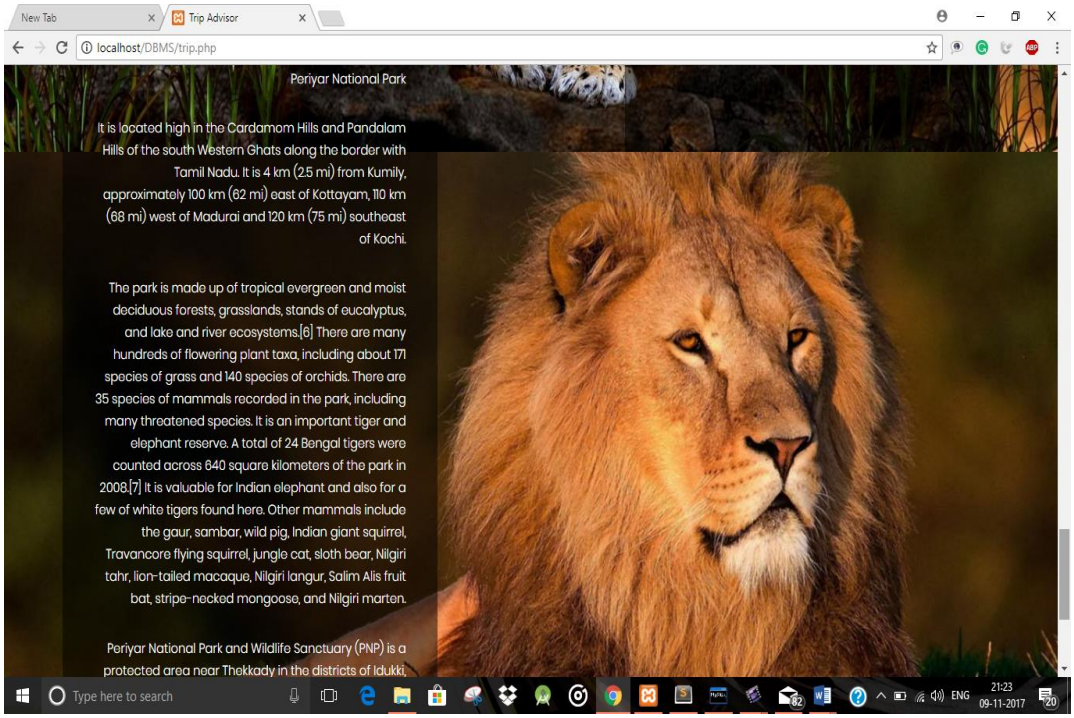
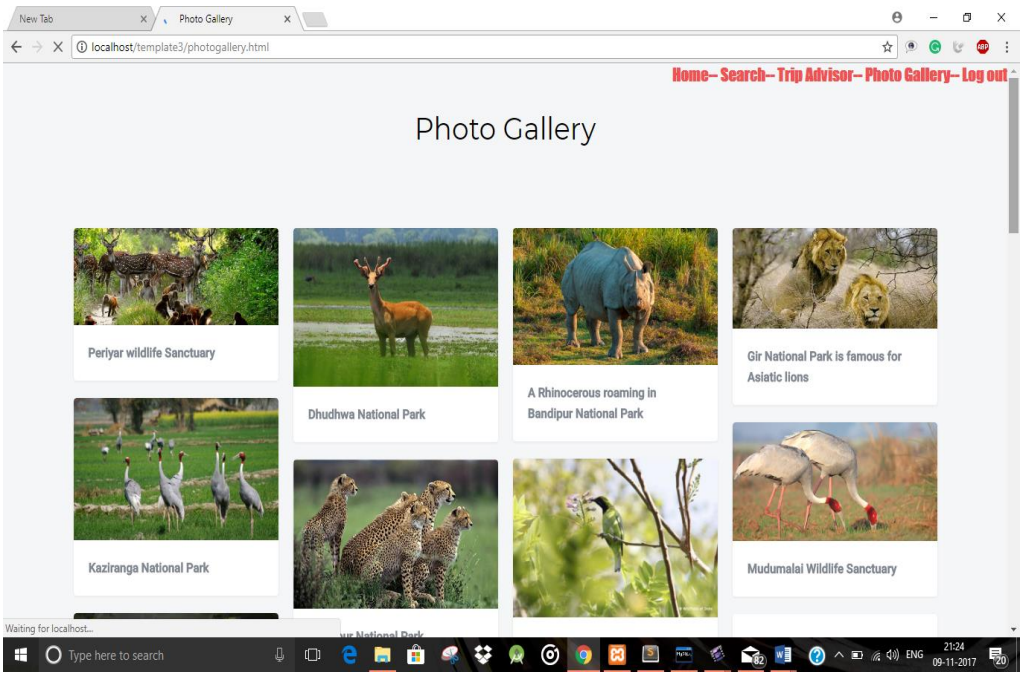
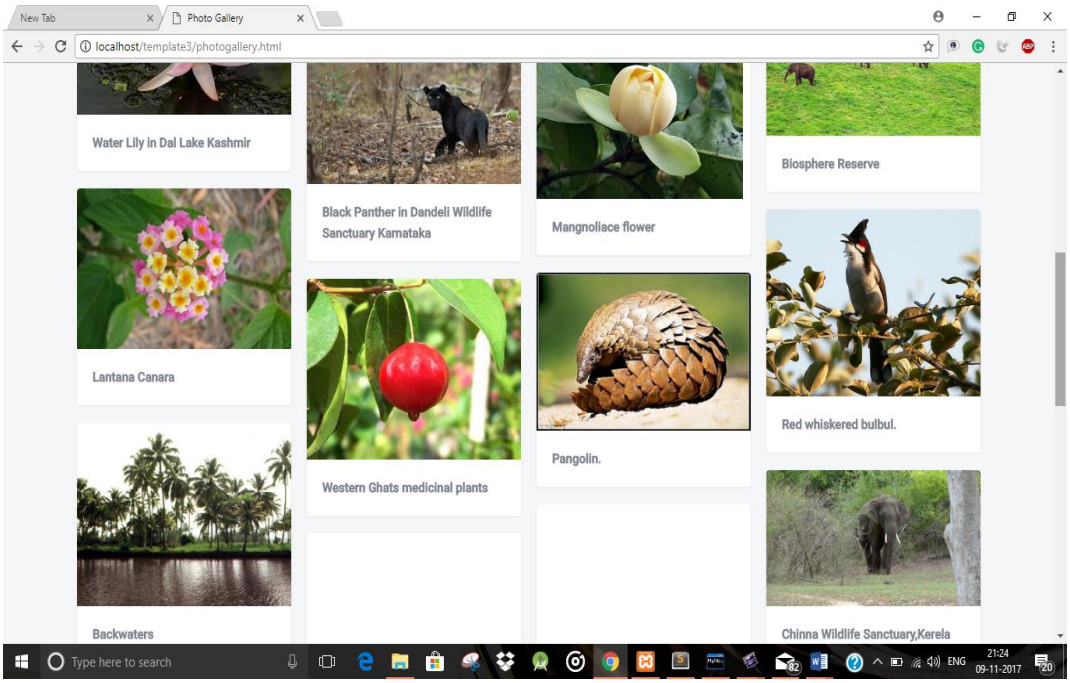
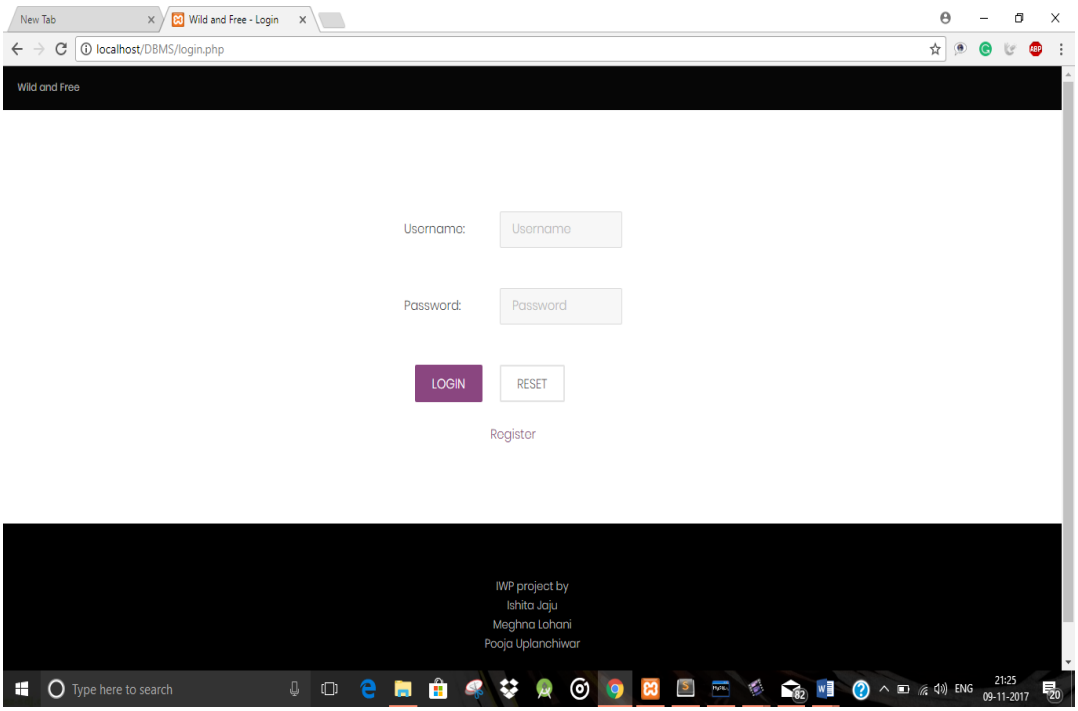


Photo Gallery


New Tab
Photo Gallery
localhost/template3/photogallery.html
Home-- Search-- Trip Advisor-- Photo Gallery-- Log out
Photo Gallery
Periyar wildlife Sanctuary
Dhudhwa National Park
A Rhinocerous roaming in Bandipur National Park
Gir National Park is famous for Asiatic lions
Kaziranga National Park
Mudumalai Wildlife Sanctuary
Waiting for localhost...
Type here to search
ENG
21:24
09-11-2017


New Tab
Photo Gallery
localhost/template3/photogallery.html
Water Lily in Dal Lake Kashmir
Black Panther in Dandeli Wildlife Sanctuary Karnataka
Mangnoliace flower
Biosphere Reserve
Lantana Canara
Western Ghats medicinal plants
Pangolin.
Red whiskered bulbul.
Backwaters
Chinna Wildlife Sanctuary,Kerela
Type here to search
ENG
21:24
09-11-2017

Log out



TOOLS USED:

The tools that we used are php, html, JavaScript, bootstrap, mysql.

CONCLUSION:

In this project we learned many functionalities of sql, php, java script, html, css and how to link them together. We understood the working of backend and frontend when combined with each other.

This website serves as a knowledge source when used by the nature lovers. It provides updates information and also allows the user access to the various interesting sections like gallery, trip advisor etc.

Overall this project helped us a lot to learn new things.