

DON BOSCO INSTITUTE OF TECHNOLOGY



DBMS MINI PROJECT
ON

"KAADU – The Wildlife Sighting and Booking Management"

Under the Guidance of :

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“KAADU – The Wildlife Sighting and Booking Management”

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INTRODUCTION

Basically KAADU-The Wildlife Sighting and Booking Management is a web Application which has enormous options such as sighting wildlife species and booking the tourist and naturalist visiting slots and also it provide forester can also manage the entire forest ecosystem which includes wildlife and its habitat and it also provide practice of noting the occurrence or abundance of animal species at a specific location and time



EXISTING SYSTEM

The existing system depends upon the maintenance of various ledgers or excel sheets at each point of this supply chain. It is rife with inconsistencies between two comparable records. A supervisor who supervises the loading of many different loads may find it easier to update many records at once at a later time and this can lead to inaccuracies. Clients call the wooding station once their inventory has dwindled to schedule a delivery but wooding stations may find it difficult to suddenly accommodate new demands. The many land records are largely incomplete and contract records are maintained independently leading to disagreements when contract settlements are made.



PROPOSED SYSTEM

The Naturalist , tourist can share the information about the sighting which provide practice of nothing the occurrence or abundance of animal species at a specific location and time. Administrator can check the and verify the animals species prescence in the forest . This project covers these entries and the data collections. There are 2 types of reports: Naturalist & Tourists. The login id and password must be required to login the system. This can provide the valuable information about the animals and time

Frontend- HTML, CSS,

Java Script, Bootstrap

Backend-Python flask (Python 3. 7), SQLAlchemy

SOFTWARE REQUIREMENTS:

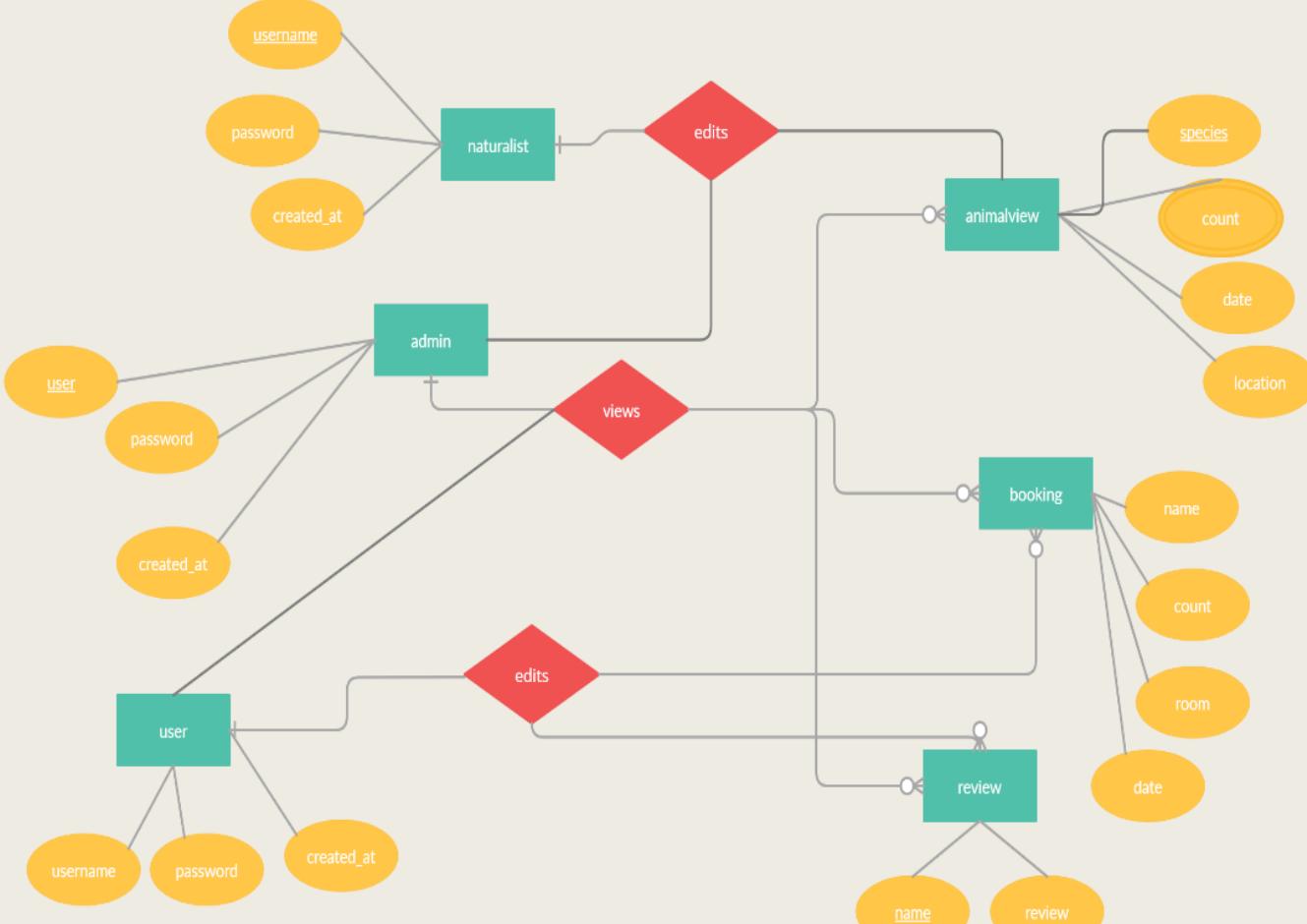
- Operating System: Windows 10
- Google Chrome/Internet Explorer
- XAMPP (Version-3.7)
- Python main editor (user interface): PyCharm Community
- workspace editor: Visual Studio

HARDWARE REQUIREMENTS:

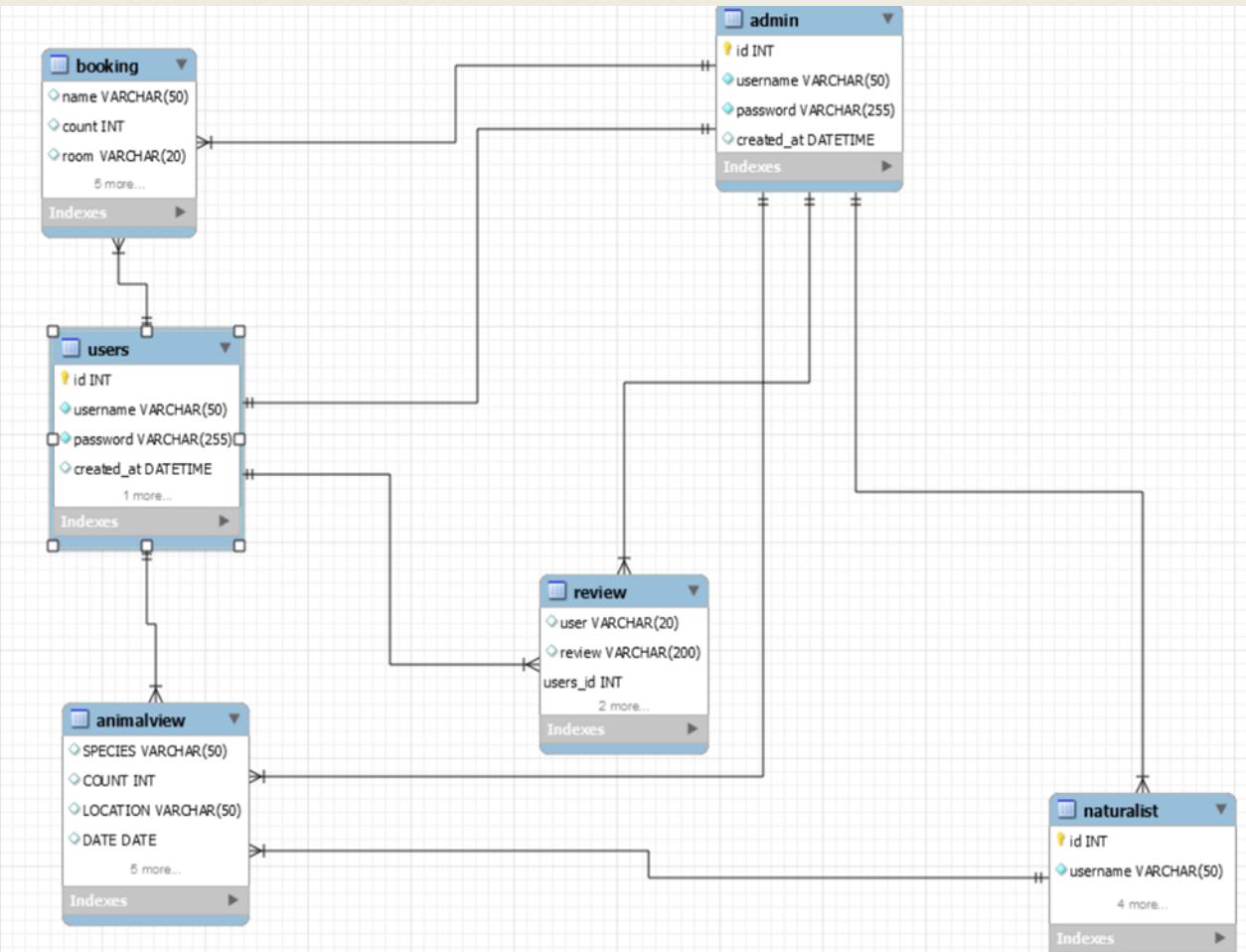
- Computer with a 1.1 GHz or faster processor
- Minimum 2GB of RAM or more
- 2.5 GB of available hard-disk space
- 5400 RPM hard drive
- 1366 · 768 or higher-resolution display
- DVD-ROM drive



ER DIAGRAM



CLASS DIAGRAM



MODULES

HOME PAGE

The screenshot shows a website layout with a light green header bar. At the top left are links for "Home" (with a house icon), "Tourist Login" (with a user icon), and "Naturalist Login" (with a leaf icon). At the top right are links for "Admin Login" (with a lock icon) and "Contact Us" (with a phone icon). Below the header is a large, high-quality photograph of a tiger standing on the left and two tiger cubs resting on the right, set against a backdrop of dense green foliage. The image has a thin white border. On the far left edge of the image, there is a small white arrow pointing left, and on the far right edge, there is a small white arrow pointing right. In the bottom center of the image, there is a small watermark that reads "©ANIRUDDH G.S". Below the image, the text "About the Nagarhole Tiger Reserve" is displayed in a black font. Underneath that, a detailed paragraph provides information about the reserve.

Nagarhole Tiger Reserve previously known as Rajiv Gandhi (Nagarahole) National Park, was named after the river 'Nagarahole' which literally means 'Serpent River' (Nagara=Serpent; Hole=River) in Kannada language. Nagarhole tiger reserve forms a critical connecting habitat for tigers and elephants to other areas of Western Ghats through Brahmagiri wildlife sanctuary and to the Eastern Ghats through Bandipur Tiger reserve.



TOURIST LOGIN PAGE

A large, semi-transparent background image of an elephant standing in a shallow river, surrounded by green foliage and rocks. The elephant is facing left.

Login

Please fill in your credentials to login.

Username

Password

[Login](#)

Don't have an account? [Sign up now.](#)
Or you can just go back to [Home Page](#)

SHARE YOUR EXPERIENCE PAGE



KAADU SWING IN TO THE JUNGLE [RESET YOUR PASSWORD](#) [LOGOUT](#)

SHARE YOUR EXPERINCE WITH US

Name:

Review:

[SUBMIT](#)

NATURALIST EXCLUSIVE PAGE



BOOKING PAGE



KAADU SIGHTINGS SHARE YOUR EXPERIENCE LOGOUT

BOOK TO SWING INTO THE JUNGLE

Name:

Number of People:

Room:

Number of Nights:

Date:

BOOK NOW !!!

VIEW TOURIST PAGE



KAADU NATURALIST SIGHTINGS REVIEWS BOOKINGS LOGOUT

Hi adhnan, These are the registered tourists.

Sl No.	Username	Date and time created
1.	admin	2021-01-08 08:56:59
2.	sanaullah	2021-01-15 16:35:22
3.	abhishek	2021-01-15 16:35:45
4.	pythonmanju	2021-01-15 16:36:17

[Delete an account](#)

NATURALIST LOGIN PAGE

Login

Please fill in your credentials to login.

Username

Password

The password you entered was not valid.

Just go back to [Home Page](#).



ADD SIGHTING PAGE



KAADU

[GO BACK](#)

[LOGOUT](#)

ADD Sightings

Species Name:

Number:

Location:

Date:



[ADD SIGHTING](#)

CONCLUSION

“KAADU – The Wildlife Sighting and Booking Management”

successfully implemented based on web Application which has enormous options such as sighting wildlife species and booking the tourist and naturalist visiting slot The project successfully used various functionalities of Xamp and python flask and also create the fully functional database management system for online portals.

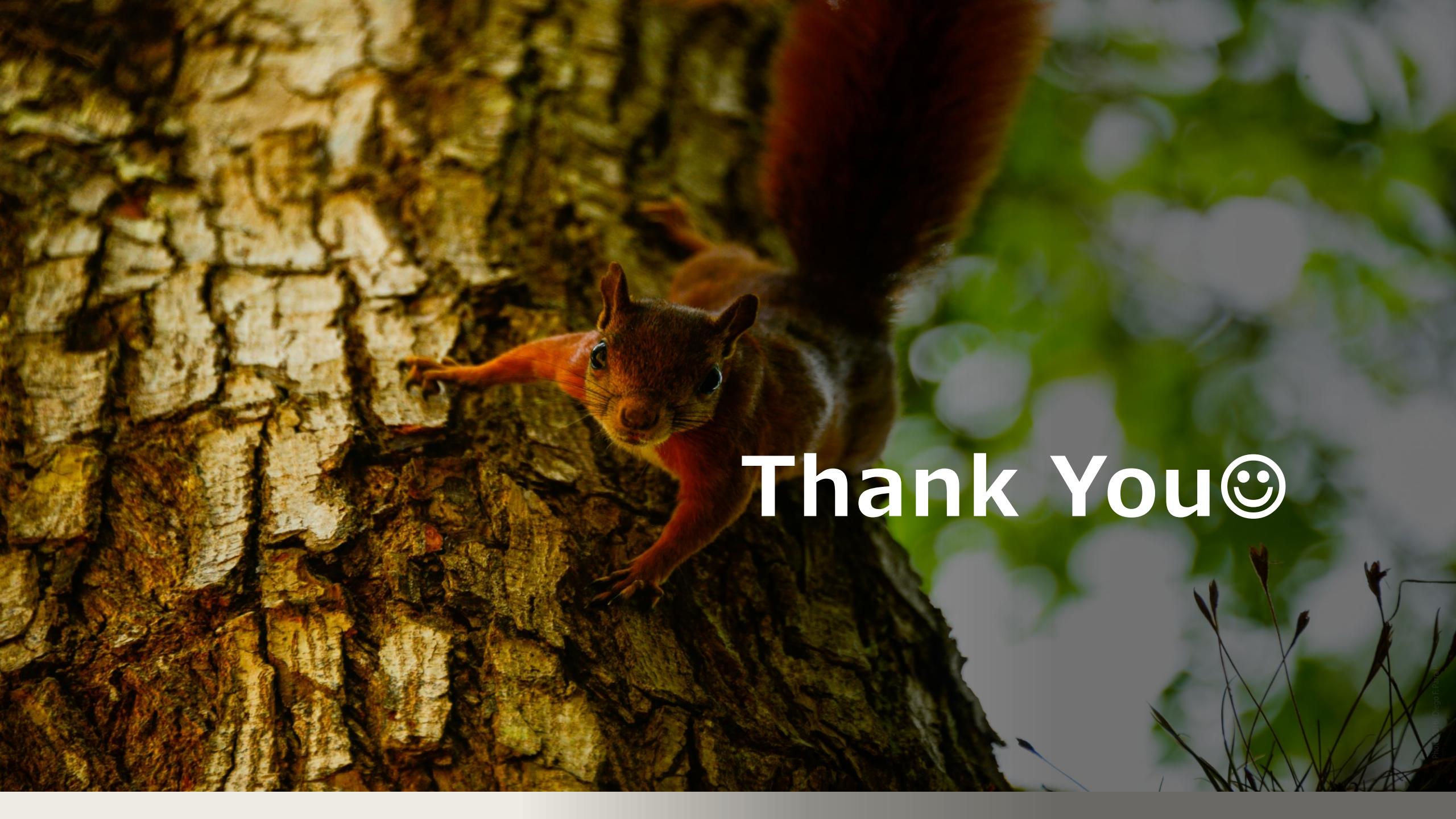
The building blocks of this Major Project “KAADU – The Wildlife Sighting and Booking Management” was one of these opportunities. It gave us the requisite practical knowledge to supplement the already taught theoretical concepts thus making us more competent as a computer engineer.



REFERENCES

- <https://www.youtube.com>
- <https://www.google.com>
- www.getbootstrap.co
- <https://www.overleaf.com/project>
- <https://creately.com>



A close-up photograph of a squirrel with reddish-brown fur and a bushy tail, climbing a tree with textured bark. The squirrel is looking towards the camera. The background is blurred green foliage.

Thank You ☺