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**DEPARTMENT OF INFORMATION SCIENCE AND
ENGINEERING**

**DBMS MINI PROJECT
SYNOPSIS**

ON

“KAADU – The Wildlife Sighting and Booking Management”

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ABSTRACT

The main aim of developing **“kaadu-The wildlife sighting and Booking Management ”** is to safeguard the animals in the forest and also provide the security to all kind of species in the forest. “kaadu-The wildlife sighting and Booking Management ” is the web application which helps the forest guards, security , visitors ,environmentalist to report the spotted animals details such as their species, place and etc in the forest zone .the admin can keep the record of the all kind animals species report from all . The forester can also manage the entire forest ecosystem which includes wildlife and its habita

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1. 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 nothing the occurrence or abundance of animal species at a specific location and time

2. 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.

2.1 Disadvantages

- In some season like winter and rainy its difficult to maintain the record because the animals habitat in the forest can change season by season
- If the both tourist and naturalist are failed to report the sighting the admin can cannot get the details and keep report.
- Mechanization can be used more effectively over large, flat.

3. 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

4. Advantages

- This is a digitized way of storing the data and managing the information so there will be no fear of losing data or data inconsistency.
- Admin can secure the data by using their username and password so that he can prevent the misuse of data and prevent others to access data.
- Admin can easily access data search and update the data whenever required.
- Each tourist and naturalist can also share their sighting of animals and can forward their feedback which helps in the development
- The new way of storing data reduces the paperwork done manually and reduces time consumption by doing it digitally through software applications.
- The management of data is easy and user friendly which can be understood easily.
- This system provides a direct deal from forest Administrators to tourist and naturalists so there will be no confusion regarding the visitors and animals

5. 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

6. 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

7. References

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