Project Plan

*INDIAN WILDLIFE WEBSITE*

Lydia Jane

BY:

SURAJ RISHI (12BCE0210)

SAXAM TRIKHA (12BCE0003)

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# Introduction

h The wildlife in India comprises a mix of species of different types of organisms. Apart from a handful of the major farm animals such as cows, buffaloes, goats, poultry, pigs and sheep, India has an amazingly wide variety of animals native to the country. It is home to [Bengal tigers](http://en.wikipedia.org/wiki/Bengal_tiger), [Indian lions](http://en.wikipedia.org/wiki/Indian_lion), [deer](http://en.wikipedia.org/wiki/Deer), [pythons](http://en.wikipedia.org/wiki/Python_(genus)), [wolves](http://en.wikipedia.org/wiki/Indian_wolf), [foxes](http://en.wikipedia.org/wiki/Indian_fox), [bears](http://en.wikipedia.org/wiki/Bear), [crocodiles](http://en.wikipedia.org/wiki/Crocodile), [camels](http://en.wikipedia.org/wiki/Camel), [wild dogs](http://en.wikipedia.org/wiki/Dhole), [monkeys](http://en.wikipedia.org/wiki/Monkey), [snakes](http://en.wikipedia.org/wiki/Snake), [antelope](http://en.wikipedia.org/wiki/Antelope) species, varieties of [bison](http://en.wikipedia.org/wiki/Indian_bison) and the [Asian elephant](http://en.wikipedia.org/wiki/Asian_elephant). The region's rich and diverse wildlife is preserved in 89 [national parks](http://en.wikipedia.org/wiki/National_Parks_of_India), 18 [Bio-reserves](http://en.wikipedia.org/wiki/Biosphere_reserves_of_India) and 400+ [wildlife sanctuaries](http://en.wikipedia.org/wiki/Protected_areas_of_India) across the country. India has some of the most biodiverse regions of the world and hosts three of the world’s 34 biodiversity hotspots – or treasure-houses – that is the Western Ghats, the Eastern Himalayas and Indo- Burma.

In recent decades, human encroachment has posed a threat to India's wildlife. In response Indian government implemented measures such as setting up national parks and protected areas. It has also implemented various acts such as Wildlife Protection Act(1972) and Project Tiger(1980).

# Project Overview

## Current System or Situation

* The need for conservation of wildlife in India is often questioned because of incorrect priority in the face of direct poverty of people.
* Large and charismatic mammals are really important for tourism in India.
* The tiger's population in India has dwindled from 40,000(early 1900s) to only around 1700(2010).
* There are other 47 critically endangered species (as of 5th September, 2011) according to the RED DATA BOOK of IUCN.
* Creation of awareness among people about these endangered species is really important to stop them from getting killed.

## Project Scope

* The website will create awareness of the above stated problems to the general public.
* It will give detailed information on various rare Indian animals along with coverage of all the species.
* It will facilitate members to form groups to organize local meetings, wildlife forums, periodicals etc.
* It will give users space to post their recent wildlife success stories, blogs, internships, conferences.
* The website will allow secure registration and profile management facilities for governmental and non-governmental users.
* The website will show the latest research data and new user stories.
* It will allow people and conservationist to interact between them and create group.

# Project Schedule

## Major Project Milestones

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Milestone** | **Estimated Start Date** | **Estimated Completion Date** | **Estimated Hours** | **Number of Resources** | **Number of Days** |
| **Software Requirements Specification** | **16/1/2015** | **4/2/2015** | **60** | **3** | **19** |
| **Software Design** | **5/2/2015** | **16/2/2015** | **48** | **3** | **13** |
| **Detailed Design** | **17/2/2015** | **28/2/2015** | **60** | **3** | **11** |
| **Coding** | **09/3/2015** | **7/4/2015** | **144** | **3** | **30** |
| **Unit Testing** | **8/4/2015** | **17/4/2015** | **36** | **3** | **10** |
| **Integration Testing** | **18/4/2015** | **23/4/2015** | **25** | **3** | **5** |
| **System Testing** | **24/4/2015** | **29/4/2015** | **25** | **3** | **5** |
| **Project Demo** | **30/4/2015** | **30/4/2013** | **12** | **3** | **01** |
| **Total Hours** | | | **410** | | |

**2.2 Gantt Chart**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Task Name** | **Start Date** | **Finish Date** | **Duration** | **January** | **February** | **March** | **April** |
| SRS | **16/1/2015** | **4/2/2015** | 60 |  |  |  |  |
| Software Design | **5/2/2015** | **16/2/2015** | 48 |  |  |  |  |
| Detailed Design | **17/2/2015** | **28/2/2015** | 60 |  |  |  |  |
| Coding | **09/3/2015** | **7/4/2015** | 144 |  |  |  |  |
| Unit Testing | **8/4/2015** | **17/4/2015** | 36 |  |  |  |  |
| Integration Testing | **18/4/2015** | **23/4/2015** | 25 |  |  |  |  |
| System Testing | **24/4/2015** | **29/4/2015** | 25 |  |  |  |  |
| Project Demo | **30/4/2015** | **30/4/2013** | 12 |  |  |  |  |

# Project Resource Requirements

## Hardware/Software Resource Requirements

Hardware Requirements

* Minimum RAM: 512 MB
* Minimum disk space: 500 MB
* Processor Intel Core 2 DUO 2.4 GHz minimum

Software Requirements

* Windows xp and above
* Notepad++
* Browser- Mozilla, Firefox, Safari, Internet Explorer
* Microsoft Visio 2010
* 24X7 internet availability

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