Problem Statement

To set up a resourceful website for promoting awareness and conservation of India’s diverse and rich wildlife. It will be a hub for organizing local meetings, wildlife forums, periodicals and wildlife camps.

Background Information

This site is unique. There are very few sites that promote the conservation of Indian Wildlife. Most of them are non-functional. The website will be an all in one package that will focus on promoting conservation to monitoring stats to organizing events. Website will be highly customizable and flexible enough to easily deploy. It’ll seek creative ideas from people to promote conservation of India’s wildlife. The targeted user’s community consists of wildlife enthusiasts, ecologists, zoologists, scientists, and various other government and non-government organizations.

The site will monitor statistics related to endangered species, jeopardized habitats, unbalanced ecosystems and unfavorable climate changes. Secure registration and profile management facilities with registered members, government and NGOs will also be incorporated. It will facilitate members to form groups to organize local meetings, wildlife forums, periodicals and wildlife camps. Registered members can post relevant photos, videos and other data. There will be regular updates and news flashes about recent events in the field. The main aim is to make the people aware about the importance of conservation of wildlife so that everyone realizes the importance of this issue and contributes a hand.

Stakeholders

Primary Stakeholders

* Ecologists
* Wildlife Departments
* Registered Users
* Sponsors
* Website admin

Secondary Stakeholders

* Social Workers
* Tourism
* Counselors
* Local Authorities (Municipal Council, Water Department)

Key Stakeholders

* NGOs
* Government
* Media

Functional Requirements

It consists of the statement of services that the system should provide. How system should react to particular input or behave in particular situation.

* To provide a space for registered users to past interesting photos, videos and presentation on Indian wildlife.
* Secure registration and profile management facilities for registered members, government and NGOs.
* To monitor statistics related to endangered species, habitats, ecosystem, and climate.
* To facilitate members to form group for meetings, wildlife camps, periodicals and forums.
* A regular newsletter should be sent to registered user to spread awareness.
* To provide various career opportunity in field of wildlife along with list of universities offering degree, fellowships and certification.
* It will provide recent wildlife stories (success) with an opportunity for user to participate in wildlife blogs, forum, internships, conference and other awareness programs.
* Basic facilities like add and update members, backup/recovery of data, generating reports etc.
* To setup reviewers’ panel to have tab on data being posted for website, panel will be responsible for various quires of users.

# Non-functional Requirements

* Secure access of confidential data (users details) SSL can be used.
* Better component design to get better performance at peak time.
* 24\*7 availability.
* Flexible service based architecture will be highly desirable for future extension.

Use Case Diagram

