

# **Article search engine database management system**

## **Introduction**

**Searchh** is an article search engine which searches through the web. It consists of Admin, registered users and users. The Users can search for certain types of multimedia that match their keywords. The aim of this project is to design a search engine which provides users with a search option and develop a database for the search engine to maintain the records of registered users, multimedia repositories, schemes for registered users, renewal of schemes. It also maintains records of the approved contents by admin and payments which would also provide search, payment and registered users reports.

## **Functionalities of the system**

### **Admin**

The administrator has the ability to add, update and delete the data of registered users. Only registered users can upload content after successful registration. Before the content is uploaded, the administrator will approve it. In the case that it is not approved, the admin's comment will be provided. The administrator will keep track of the payment and renewal history of all registered users and also the search history of users.

### **Registered user**

A Registered user can add new content to the database, which the admin must approve. To become a registered user, fee payment based on the scheme chosen should be done. When the scheme expires, registered users must renew it in order to continue uploading videos. Registered users can also search the database for content that is already there.

### **Users**

General Users can access information on the web using our system. Users can search by giving relevant keywords in the search box. The System shows the most relevant results in different multimedia such as videos, images, audios and text. Users will have access to multiple web pages with relevant information. Users search history will be recorded for better search results in the future.

## **Modules in the system**

This system includes the following modules:

- Creating an interface to store information served on the web
- Segregation of Multimedia Information
- Search history Summary.
- Presenting relevant information according to search keywords
- Issuing membership for registered members.
- Maintaining details of payment and renewal history of registered users.
- Report generation on web updates and users renewal.

## **Benefits of the system**

The system provides an interface for users and the admin to share information. The Admin controls the Search Engine, General Users can access information and Registered Users can add and edit information monitored by the admin. Reports are generated based on Search History and Regular Updates made on the website.

## **Development Platform:**

- For Database - SQL
- For User Interface - Java