**Introduction of Content Management System(CMS)**

A content management system (CMS) is a [computer application](https://en.wikipedia.org/wiki/Computer_program) that supports the creation and modification of [digital content](https://en.wikipedia.org/wiki/Digital_content). CMS features vary widely. Most CMSs include [Web-based publishing](https://en.wikipedia.org/wiki/Electronic_publishing), format management, history editing and [version control](https://en.wikipedia.org/wiki/Version_control), indexing, [search](https://en.wikipedia.org/wiki/Search_algorithm), and retrieval. By their nature, content management systems support the separation of content and presentation.

A [web content management system](https://en.wikipedia.org/wiki/Web_content_management_system) (WCM or WCMS) is a CMS designed to support the management of the content of Web pages. Most popular CMSs are also WCMSs. Web content includes text and embedded [graphics](https://en.wikipedia.org/wiki/Graphics), [photos](https://en.wikipedia.org/wiki/Photos), [video](https://en.wikipedia.org/wiki/Video), [audio](https://en.wikipedia.org/wiki/Digital_audio), [maps](https://en.wikipedia.org/wiki/Maps), and [program code](https://en.wikipedia.org/wiki/Source_code) (e.g., for applications) that displays content or interacts with the user.

Such a content management system (CMS) typically has two major components:

A content management application (CMA) is the front-end user interface that allows a user, even with limited expertise, to add, modify, and remove content from a website without the intervention of a [webmaster](https://en.wikipedia.org/wiki/Webmaster).

[Digital asset management systems](https://en.wikipedia.org/wiki/Digital_asset_management) are another type of CMS. They manage content with clearly defined author or ownership, such as documents, movies, pictures, phone numbers, and scientific data. Companies also use CMSs to store, control, revise, and publish documentation.

**Purpose/ Objective**

The main purpose of a Content Management System is to Create and manage digital content such as Text, images, video, etc. It Makes Managing the website very easy for non technical person as well. A content management system can help in Scaling the digital presence of any business.CMS increase the efficiency of any organization as they need not to write Code from scratch as the basic layout is already provided , only the main content needs to be provided . Mostly CMS is used for Writing Blogs and publishing information by the bloggers and article writers.

There are Some More Features and advantages of Content management system.

Common features

* [Search](https://en.wikipedia.org/wiki/Search_engine_optimization) Engine Optimization Friendly.
* Responsive Designing
* Easy Administration
* Social Media Integration
* Analytics
* Advanced security management

Advantages

* Reduced need to code from scratch
* Easy To Update Website
* Time Efficient
* Cost Efficient
* Easy to create a unified look and feel
* It improves site maintenance.
* It's easy for the non-technically minded.

**System Requirements (User)**

* **Hardware:** Any Device (Mobile, PC, Tablet, etc.) Which can Access Internet
* **Software:** Web Browser(Chrome, Opera, firefox, Safari, Internet Explorer)

**System Requirements (Developer)**

* **Hardware:** PC or Laptop with minimum 512 mb ram.
* **Software:** Web Browser(Chrome, Opera, firefox, Safari, Internet Explorer), Any Local Host or server (Xampp/ wamp/ lamp/ mamp / iis),code editor(Notepad, Notepad++,sublime Text, Brackets, Adobe Dreamweaver ,etc.)

**Feasibility Study**

A feasibility study aims to objectively and rationally uncover the strengths and weaknesses of an existing business or proposed venture, opportunities and threats present in the [natural environment](https://en.wikipedia.org/wiki/Natural_environment), the [resources](https://en.wikipedia.org/wiki/Resources) required to carry through, and ultimately the prospects for success In its simplest terms, the two criteria to judge feasibility are [cost](https://en.wikipedia.org/wiki/Cost) required and [value](https://en.wikipedia.org/wiki/Value_(economics)) to be attained

* **Economic Feasibility :** Cost Of Server and web domain is required.
* **Technical Feasibility:** Created in PHP, HTML, CSS, Javascript and SQL.
* **Operational Feasibility:** Very Easy to operate by client(User friendly).

**Description of Modules**

**Main Page:**

**Content area:** this is the main area where post are shown ,reader can read full post by clicking on ‘read more’. Right below title of Post there is a small area which show post category,publishing date ,author and number of contents.

**Side area:**

* **About me:** this area will consist of details About the post author.
* **Categories:** this area will show all the categories .user can read posts of similar category by clicking on category name.
* **Recent Posts:** this area will show the top 5 recently published posts titles and banner of post.

**Admin Panel:**

* **Login:** Admin needs to provide correct credentials in order to Access Admin panel.
* **Admin Dashboard:** This area contain all the post titles ,their date, author, category, number of approved comments and un-approved comments, banner. Admin can edit and delete post from there. Admin can also live preview the post.
* **Content Writing and publishing area:** This area is responsible to create or write the content for the blog .There are many formatting option available in this area.

**Comments:**

* **Un-approved comments:** Admin can approve or delete un-approved comments from here.
* **Approved comments:** Admin can delete already approved comments from this area.It will also show the name of admin who approved the comments.

**Manage Admins:** Admin can add new admin and also delete old admin(s).

**Manage categories:** Admin can add new categories for the blog posts.

**Social Sharing:** Readers can share the post on their Social Media Accounts Such as facebook,google+,twitter.