**INTRODUCTION**

* Content development has become a sensational means of sharing information over the internet. Even the non-technical users got the ability to publish content easily and quickly on the World Wide Web. It is all possible because of the easy-use of content management tools available and is widely used by firms, news organizations, educational institutions, and other businesses. In this chapter, you will learn about the concept of CMS and why it is widely accepted in the market.
* For many companies managing a website is not something they want to spent time with because of the lengthy process and cost associated with it, instead they search for easier way to accomplish such task this is where CMS comes as a saviour , where such company can control their online identity without going through the hassle of web designer or web developer . This doesn’t mean that cms doesn’t need developers or this would loose their job even developer can directly provide CMS to their clients, so that for minor changes or content management they don’t have to involve them multipurpose times.
* which company wants their website insight to be manage by themselves What if they can change or format their sites contents as if they are doing in any word processor like Microsoft word, they would like to do this with reduced cost and higher productivity that’s what content management system does.
* a cms is a android-based application on which any one can create, manage, store, edit or publish massive amounts of content without any programming skills.
* One can easily edit content from anywhere, without relying on programmers to keep website up to date.
* user can start much faster if a website is getting built from scratch.
* there will be at least base which also called scaffolding, ready for users to Set up and set up immediately.
* So, nothing needs to be coded from the beginning content and codes both are separate path with different access methods.
* If user is not a developer, he do not have to think of coding to handle any Content.
* A website needs to have a comprehensive search mechanism if a user is looking for a specific solution for a specific problem, and our platform Gives It to them easily without browsing the entire site, hence, it will drive more Traffic.
* search has to be in-depth, fast and hassle-free to use. there is a drill-down-approach, it is something like that which has subjects on top as click on It Will drill down as if zooming in something and something of that sort makes More sense when it comes to search facility.
* The must-have feature is every organization would want to grow and take their product on multiple screen experience such as mobile devices, tablets, Etc.
* A system capable of handling all these from one place is desirable rather than have a separate cms for each of them which will consume more time, money and energy.
* It also has quick rollback options which means what if one has edited, created or deleted something by accident it will allow to the last saved state, relieving from the stress of going all over again.

**BACKGROUND**

However, in the early 2000s, opensource CMS alternatives emerged, including WordPress, Drupal, and Joomla. WordPress included an extensible plugin architecture and provided templates that could be used to build websites without requiring users to have knowledge of HTML and CSS. The WordPress CMS software installed on a web server and typically paired with a MySQL or MariaDB database (both opensource, of course). The big shift to WordPress was, in part, accelerated by the fact that the CMS is open-source.

Even today, about one-third of websites are built using these first-generation content management systems. These traditional CMS are monolithic systems that include the back-end user interface, plugins, front-end templates, Cascading Style Sheets (CSS), a web server, and a database. With every user request for a website page, a server first queries a database, then combines the result with data from the page's markup and plugins to generate an HTML document in the browser.

**OBJECTIVES**

* Content Management System Has Two Major Components Is content management application and direct content application.
* Content management application is the part that editors use to create, edit, publish content, without messing with the code or user interface options.
* Whereas direct content application can be called the actual backend of the website, which has the tools to control the logics and coding which is required to transform the content into a visible interface for the end user.
* Both the functions are important and crucial In order to make CMS work as a whole solution, also, it needs to be mentioned that the thing can be customized as well.

**PURPOSE, SCOPE AND APPLICABILITY**

**PURPOSE**

The main purpose of a Content Management System (relating to web) is to provide the capability for multiple users with different permission levels to manage a website or a section of the content.

**SCOPE**

A CMS is an application that is used to **manage and publish web content, allowing multiple users to contribute, create, edit, and publish without having to beg a developer**. It also provides version management and authoring workflow to keep large, global sites consistent

**APPLICABILITY**

**This application is used for editors of company who can easily access the User Interface, Minor Changes.  
also this application is used for the newly beginner who want to start base Of the website or content for blogging.**

**ACHIEVEMENT**

* Creating and editing content. ...
* Workflows, reporting, and content organization. ...
* User and role-based administration. ...
* Security. ...
* Multichannel scalability. ...
* Multilingual content capabilities. ...
* Flexibility, scalability, and performance. ...
* Personalization and analytics.

**ORGANIZATION OF REPORT**

* Content creation, *allows users to easily create and format content*
* Content storage, *stores content in one place, in a consistent fashion*
* Workflows, *assigns permissions for managing content based on roles such as authors, editors and admins*
* Publishing, *organizes and pushes content live*

**FUNCTION AND MODULE**

In this definition, when someone refers to CMS, he / she is referring to a web application that provides capabilities for multiple users with different permission levels to manage web page (content) without the need to have HTML knowledge.

Below is an example of a simple CMS Application which provides web page editing capabilities:  
  
**Administration or Control Panel:**

* Add-site – user need to add-site first after filling basic and valid login Credentials.
* Edit – after successfully adding site user can click on edit to create, delete And Update Content.
* Log in – cms user should login via giving email id / username and Password. If User Is Signed Up When Visited First Time.
* Demo – in this there will be demo video playlist like how to edit, search, format, quick rollback, upload and add-site for website.
* Search-in – once the user finishes with a demo, tutorials, there tabs will Help them to find the exact location.
* Format – it will help to give style change, justify, indent, size, color change, Etc. For Selected Content.
* Quick roll back – very useful and newest tab this will allow user to go back to its original state as before if attempted accidentally.
* Upload – editor can use this option to post image, video, taglines etc.