**CMS MODULE**

# CONTENTS

## This module has the following files:

1. MODULE\_CMS.doc
2. MODULE\_CMS\_MEDIA.zip

# Introduction

The development of technology has made it easier for people to get knowledge from anywhere. As is the case with taking a course which usually has to provide a place and is limited by time, but due to technological developments a course can be done online. This online course is a new medium for the online learning process, this online course also makes it easier for people to learn and interact anytime and anywhere.

People tend to search the course via search engine then they decide to learn something. For the purpose of the website being easily found on search engines, you should improve the SEO. You are given the plugin to make it happen.

You are a freelancer working in the field of Web Technologies and you have been asked to develop the brand-new website for ***Indonesia Online Courses***. Your client has heard that you are good at building a content management system. They want a theme called *“Indonesia\_Online\_Courses”*

# Description of project and tasks

The goal of this website is to present all courses in some category. It also gives a list of most popular courses. And the goal of this website is to present an overview of all available courses and to give a list of articles, which could be of interest to all people to join courses. The target audience for this page are people who want to learn.

This can be a wide range, therefore you will define your interpretation of the target audience (based on “people want to learn”) and document this definition in your submission. Also please make sure you have the heading title and tagline slogan defined in the content management system.

## Content Management System

For administration tasks, we need two user profiles, Admin and Editor:

* The Admin user - access to the complete WordPress main dashboard.
  + Username: admin
  + Password: aDm1n22
* The Editor user – access as editor role in the CMS.
  + Username: editor
  + Password: eD1tor22

We want the CMS login page to be white-label. That means the login page should not show the CMS default logo. The background should be a fullscreen photo.

Also the login page should not include any “wp” wordings for white-label and security reasons. Please make the backend admin URL as following: <host>/4dm1n/

## Dashboard Configuration

For simplicity, the client wants to show only some widgets in the dashboard page. Consist of Glance, Activity, Quick Draft.

## Managing the courses

The client wants to be able to **create, edit, update, delete course records**.

## Course Categories

* Design
* Animation
* Programming

## Article Categories

* General
* Technology

## Menus

This menu should appear on every page. The client wants to be able to change the menu dynamically via the admin page.

* Home
* Courses (dropdown course categories)
* Articles (dropdown article categories)
* Contact

The client wants a contact form present in the home page and contact page with following fields : name, email, messages, agreement checkbox, submit, and reset button.

## URL level of accessibility

The website should have met these URL structures.

* All articles: <host>/articles
* Article detail: <host>/article/<slug>
* All articles from a category: <host>/category/<category name>
* All courses: <host>/courses
* All courses from a category: <host>/course\_category/<category name>
* Course detail: <host>/course/<slug>

## Course functionality

In the all courses page, users can choose to sort the course by view count, course title, course category or date created. View count will be incremented every page visit on a course page.

The course detail page should display course title, view count, course category, description and a collection of photos (gallery) of the current course. Admin or editor can display the gallery via shortcode [place-gallery id=PLACE\_ID]

## Home page layout and mockup

The layout should be responsive in different screens including mobile and desktop. The home page should consist of three sections.

* Hero section. Displays a big picture for the banner.
* About section
* Best courses, shows 4 most popular courses based on the view count.
* Contact section
* Back to top button

## Front-end Requirement

You will need to create your own theme, based on the given starter themes. You will need to implement the following elements for your web page:

* A footer with copyrights and social media links
  + “Copyright © 2022 - All rights reserved” where the year should be the current year dynamically based on server time.
  + 3 social media links. Users are able to change the links for each of the social links.

Feel free to add and change as many elements as you like, but the elements in the list need to be present and your design should blend in with the given design.

## Further optimization tasks

The page needs to be optimized for search engines. You can choose one of the provided plugins or implement your own SEO. Remember to optimize certain parts of your website (e.g. urls, sitemap, …). Secure your page by installing and configuring a security plugin.

Note: If the plugin you would like to choose is broken or does not work as expected, you need to choose another one or feel free to fix this plugin.

# Instructions to the Competitor

The page should follow the Web Content Accessibility Guide.

For the working folder you need to name your folder to “**/cms/wordpress**”.

Dump your database into **“db\_dump.sql”** and put it in the wordpress root folder.

# Equipment, machinery, installations, and materials required

| ITEM | description |
| --- | --- |
| advanced-custom-fields.5.10.2.zip | Plugin |
| all-in-one-wp-security-and-firewall.zip | Plugin |
| blankslate.2022.zip | Theme |
| contact-form-7.5.5.1.zip | Plugin |
| wpforms-lite.1.7.0.zip | Plugin |
| forminator.1.15.2.zip | Plugin |
| smart-slider-3.3.5.1.0.zip | Plugin |
| jetpack.10.2.zip | Plugin |
| sample\_underscores.zip | Theme |
| seo-by-rank-math.1.0.74.zip | Plugin |
| wordfence.7.5.5.zip | Plugin |
| wordpress-seo.17.3.zip | Plugin |