

OpenCart Module Development

webocreation.com@gmail.com

:@rupaknpl : onlinegyannepal

<https://webocreation.com>



What this video series covers

OpenCart Flow	Making hello world module
<ul style="list-style-type: none">• Introduction and Table of Contents• Why OpenCart?• Features of OpenCart• Prerequisites• Downloading example code• Installing OpenCart<ul style="list-style-type: none">-Steps to create custom URL to work locally• Describing folders and files of OpenCart• OpenCart Framework:<ul style="list-style-type: none">-Registry, loader, request, response, database, session , cache, unlimited colors theme, language, event, Event Register, Config Autoload, Language Autoload, Library Autoload, Model Autoload, Front Controller, Pre Actions, Dispatch and Output.• OpenCart Code flow• Request and Response in OpenCart• Database table schema• OpenCart Library Global Methods	<ul style="list-style-type: none">-- Installing a module-- Configuration of module-- Managing layout and position-- Uninstalling the module <p>Workflow or markup to make hello world module</p> <p>Admin files created to make hello world module</p> <ul style="list-style-type: none">-- Controller creation-- Language file creation-- Template file creation <p>Front end files created to make hello world</p> <ul style="list-style-type: none">-- Controller creation-- Language file creation-- Template file creation

What this video series covers

Making Advanced Featured Module

Configure and show how our featured module works

Show demo how our Advanced featured module works

Explore the code used in Featured Module

- Admin Controller code description of featured module
- Admin language code description of featured module
- Admin template code description of featured module
- Code description of featured module front end

Make Advanced Featured Module admin section

Make Advanced Featured Module front end section

Install newly created module and activate, configure and set it to show at front end.

Create Custom Data Management (Testimonial) CRUD functionalities

Workflow or markup to make Testimonial management.

- Database tables creation

Admin files created to make Testimonial Management

- Form Creation (edit and insert)
- Listing page creation
- Language file creation
- Model Creation
- Template file creation
- Links to listing page added in primary menu through use of OCMOD

Front end files creation

- Controller creation
- Model Creation
- Language file creation
- Template file creation

Creating and adding your own language folder
OCMOD detail description
Event system description

What is Opencart?

- OpenCart is an e-commerce shopping cart application built with its own in-house framework which uses MVCL (Model, view, controller and language) pattern. Thus each module in OpenCart also follows the MVCL pattern. The controller creates logic and gathers data from the model and it passes data to display in the view.

- - OpenCart theme and module development book from Packt
<https://www.packtpub.com/web-development/opencart-theming>



Features of Opencart

<http://www.opencart.com/index.php?route=feature/feature>

- Use OCMod virtual file modification
- An unlimited module instance system
- Uses Bootstrap, Font Awesome and Flex Slider for rapid development

Why OpenCart?

User Perspective:

- Creating Advance ecommerce websites
- Launch store simply and faster
- Save investment cost
- OpenCart is lightweight
- Handle easier: ideal for end-users to control their OpenCart stores
- Catch up with Ecommerce trends.

Programmer Perspective:

- Creating Advance eCommerce websites
- Easy learning curve
- MVCL (Model View Controller Language)
- Customize the presentation layer or front end
- Extend the functionality

Many more...

Prerequisites:

- HTML, CSS, PHP knowledge
- OpenCart installed
- OpenCart basic knowledge of backend and frontend
- <https://github.com/opencart/opencart/wiki/Coding-standards>

This video series is for:

Developers and designers who want to make custom modules and those who wants to know OpenCart module development workflow

Downloading example code

<https://github.com/rupaknepali/webocreation>

Questions? Error?

Submit questions, errors and another best solutions by commenting or by sending at my email webocreation.com@gmail.com

Thanking you

webocreation.com@gmail.com

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<https://webocreation.com>

