

## MODULE 1 : PHP Quick Revision

01	Foundation PHP revision with OOP
02	PHP namespace & auto-loading
03	PHP configuration using php.ini file

## MODULE 2 : Theory

04	What is MVC and why use it?
05	Laravel eco-system
06	Laravel resources (docs, videos, forum, etc.)

## MODULE 3 : Starting with Laravel

07	Composer dependency manager
08	New project installation
09	Folder structure
10	Environment file
11	Artisan CLI commands

## MODULE 4 : Creating Pages

12	Routing using "web" file
13	Introduction to controllers
14	Loading views from controllers
15	Blade templating engine
16	Loading public assets into views
17	Master page design flow
18	Inter-connecting pages via route links

## MODULE 5 : Working with Forms

19	CSRF security
20	Understanding "Request" object
21	Advanced form validations
22	Displaying error & success flash messages

## MODULE 6 : Working with Database

23	Connecting to local & remote database
24	Query builder foundation
25	Eloquent ORM foundation
26	CRUD operations using Eloquent
27	Relationships & other advance Eloquent features

## MODULE 7 : Video Sharing Portal Project - Stage 1

28	Template selection & simplification
29	MySQL Database setup for the project
30	Setting up master and other blade templates like register, login, upload, contact, etc.
31	Adding admin panel and its preliminary pages like category management, view feedbacks, etc.
32	Creating routes and connecting to them
33	Designing all forms & adding validations
34	Creating Models & finalizing data insert on basic forms

## MODULE 8 : Video Sharing Portal Project - Stage 2

35	Coding for display categories data in sidebar, upload page
36	Design of video list & details page
37	Use Route-Model-Routing to fetch data on video list & details page

## MODULE 9 : Video Sharing Portal Project - Stage 3

38	Starting with Multi Auth system of Laravel
39	Setting up guards, auth models, redirect if authenticated, redirect if unauthenticated, etc.
40	Setting up login attempt code for user as well as admin
41	Setting up auth and guest middleware for secured & unsecured pages

## MODULE 10 : Video Sharing Portal Project - Stage 4

42	Grabbing video uploader's user ID
43	Setting up user profile pages
44	Post-login comment system on video
45	Post-login vote up / down system on videos
46	Post-login inter-user private message facility
47	Setting up admin verification for newly uploaded videos
48	Display of category wise latest videos on home page (make use of eager loading)
49	Addition of other advanced features as and when time permits

## MODULE 11 : What next? Advanced features discussion

50	Real life large project case study
51	Exploring Laravel helper functions
52	Libraries for advanced tasks like excel import / export, email / sms, pdf generation, user login logs, error log viewers, payment gateways, 3 <sup>rd</sup> party API implementations, etc.
53	Laravel on cloud hosting
54	Vue.js & single page applications
55	Student Q&A round