

Laravel 6 for Beginners

30 Hours

Course Outline

1. Introduction to Laravel

- What is Laravel?
- Laravel resources
- Preparing DE
- Installing Laravel
- Running Laravel project

2. Introducing MVC

- What is MVC?
- What is Model?
- What is View?
- What is Controller?

3. Laravel Project Structure

- The app folder
- The public folder
- The bootstrap folder
- The config folder
- The vendor folder
- The resources folder
- The env file
- The composer.json file

4. Writing Laravel Code

- How to start writing Laravel
- Creating controller
- Creating view
- Creating route
- Loading view

5. Introducing Route

- What is route?
- Route get
- Route post
- Route prefix
- Route name
- Route group
- Route parameter
- Route view
- Resource route

6. Passing Data Between View and Controller

- Passing data to view
- Passing data to controller
- Form processing
- Upload files
- Flash message

7. Introducing Blade

- What is blade?
- Echo data with blade
- Blade if
- Blade for
- Blade foreach
- Blade php block

8. Template with Blade

- How to create master view
- How to extend master
- Content section

9. Working with Database

- Connecting to DB
- Using query builder
- Select data
- Insert data
- Delete data
- Update data
- Pagination
- Order records

10. More on Query Builder

- Where clause
- Aggregate function
- Inner join
- Left join
- Right join
- Search and filter
- Raw query

11. Migration

- What is migration?
- Creating migration
- Running migration
- Update table
- Rollback migration

12. Session

- Storing data in session

- Get data from session
- Clear data from session
- User login with session
- User logout with session

13. User Authentication

- Using default Auth
- User role
- User permission
- Auth middleware
- Checking permission
- Custom Auth

14. Eloquent ORM

- Defining models
- Retrieving models
- Retrieving single models
- Insert and update models
- Delete models

15. Eloquent Relationships

- One to one
- One to many
- One to many inverse
- Many to many
- Has one through
- Has many through
- Querying relations
- Eloquent and query builder

16. jQuery Ajax With Laravel

- Ajax get request
- Ajax post request
- Ajax upload file

17. Other Topics

- Sending email
- Barcode and QR Code
- Import and export Excel
- Multi languages
- Cron job
- Hosting
- Laravel command
- Laravel module
- Send SMS
- Middleware
- Packaging

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- Schedule job
 - Custom blade