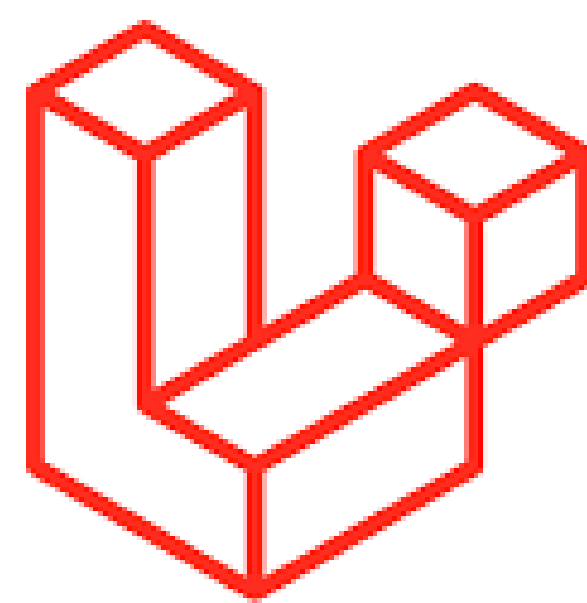




Laravel

Web Development

(Backend)



Laravel



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DAY 1-2

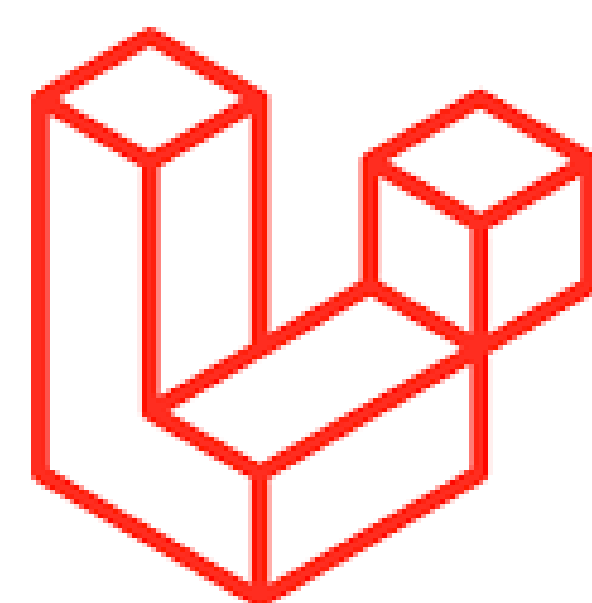
Introduction to Laravel

- What is Laravel?
- Installing Laravel using Composer.
- Creating and running your first Laravel project.

DAY 3-4

Laravel Routes and Views

- Understanding routes and controllers.
- Creating views and templates.
- Passing data to views.



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DAY 5-7

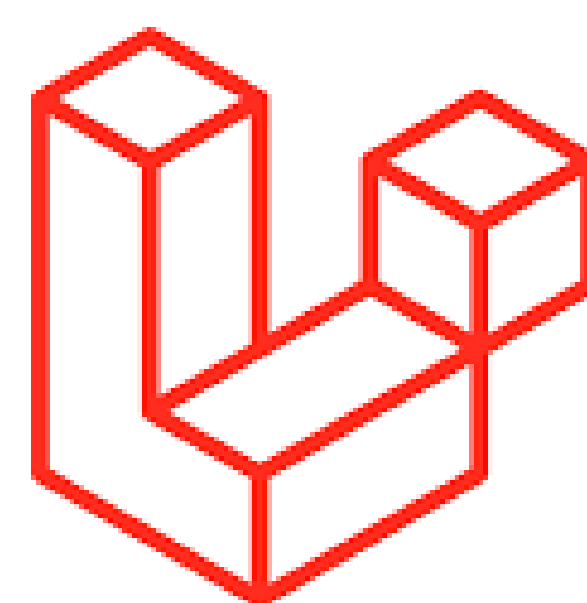
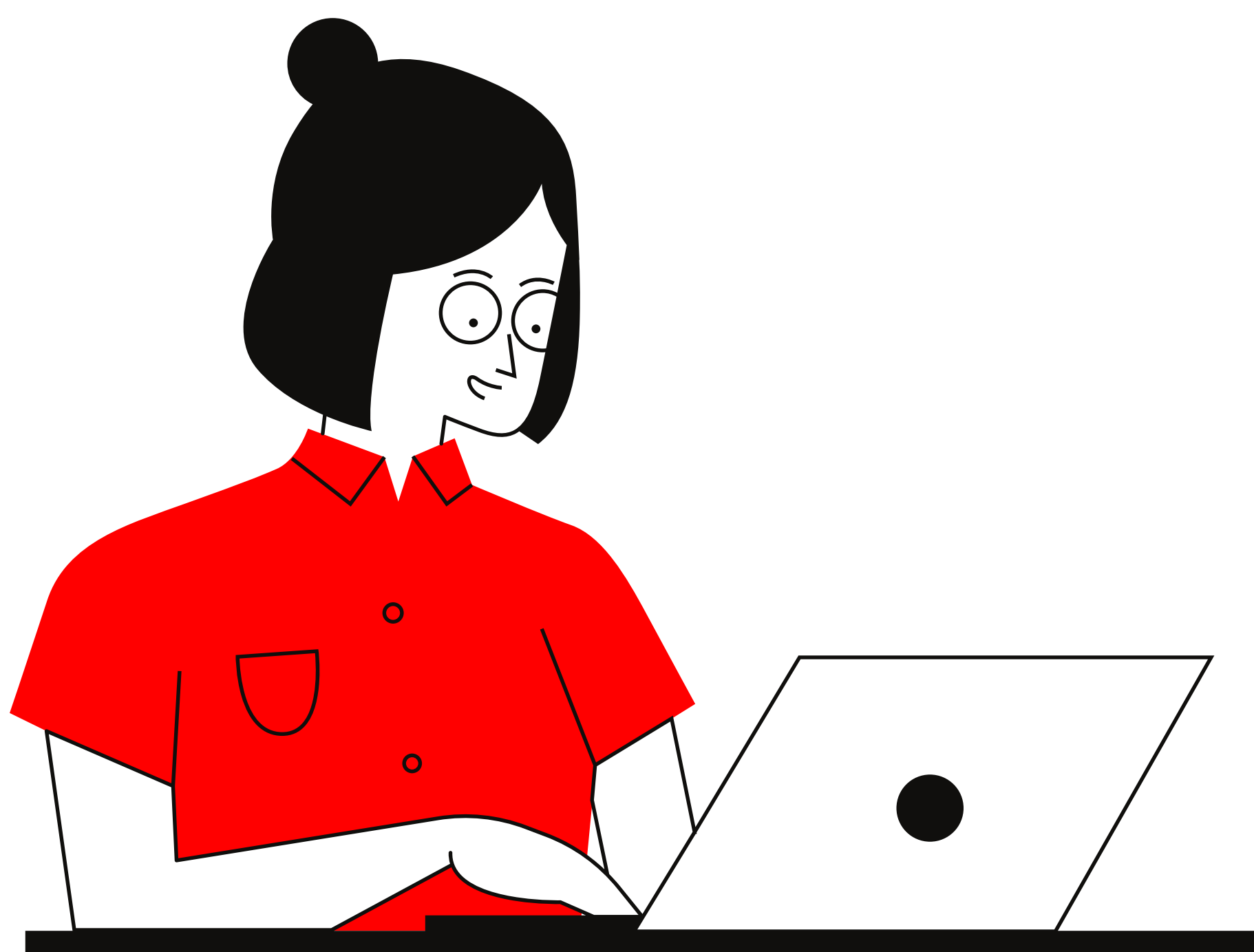
Blade Templating Engine

- Blade syntax and directives.
- Layouts and master templates.
- Control structures and conditional rendering.

DAY 8-10

Eloquent ORM

- Introduction to Eloquent ORM.
- Creating, reading, updating, and deleting records.
- Relationships and migrations.



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DAY 11-12

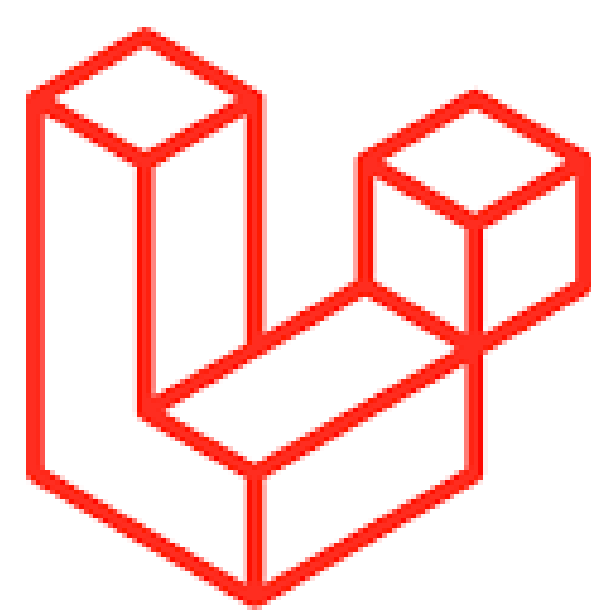
Database Migrations and Seeding

- Creating and running migrations.
- Seeding the database with sample data.
- Rollbacks and refresh.

DAY 13-14

Query Builder and Raw SQL

- Introduction to Eloquent ORM.
- Creating, reading, updating, and deleting records.
- Relationships and migrations.



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DAY 15-16

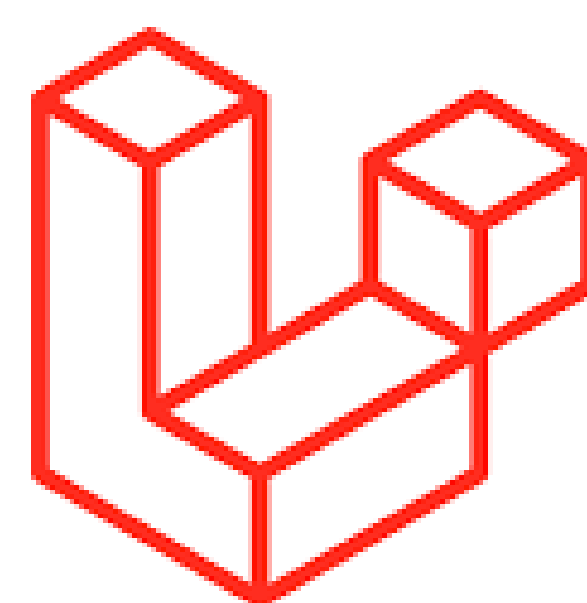
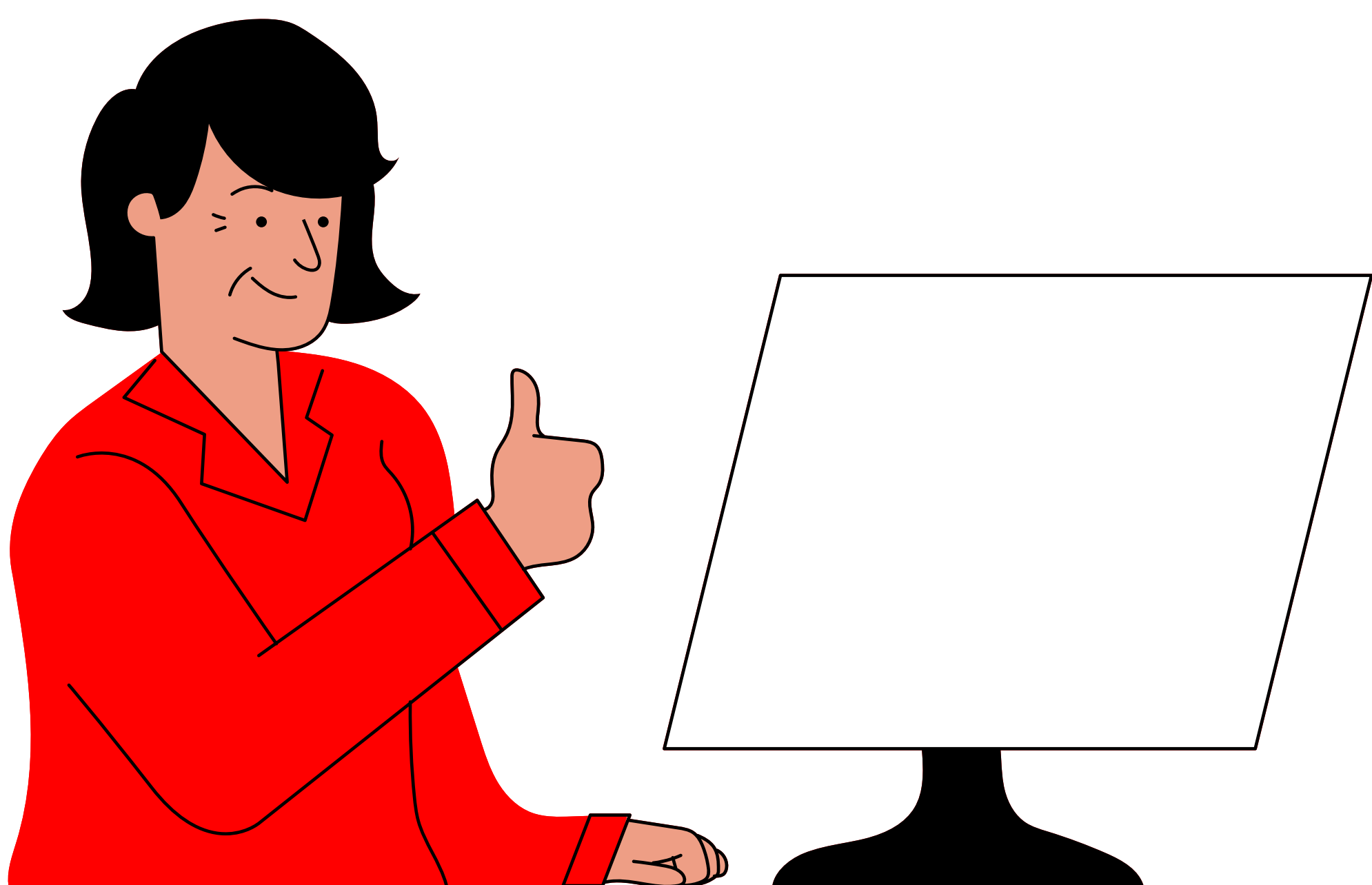
Authentication and Authorization

- User registration and login.
- User roles and permissions.
- Implementing middleware for authentication.

DAY 17-19

API Development

- Creating RESTful APIs in Laravel.
- Handling API requests and responses.
- API authentication and security.



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DAY 20-22

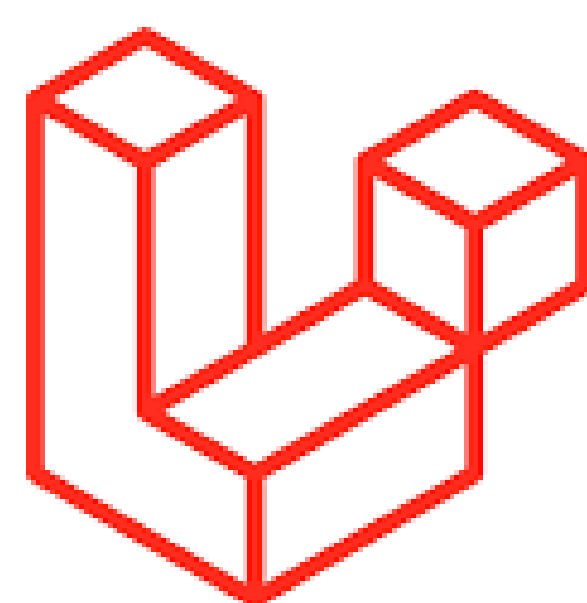
Building a Blog

- Creating a blog application.
- Implementing user authentication.
- Managing posts and comments.

DAY 23-24

Building a Task Management System

- Creating a task management system.
- Assigning and tracking tasks.
- Notifications and email integration.



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DAY 25-27

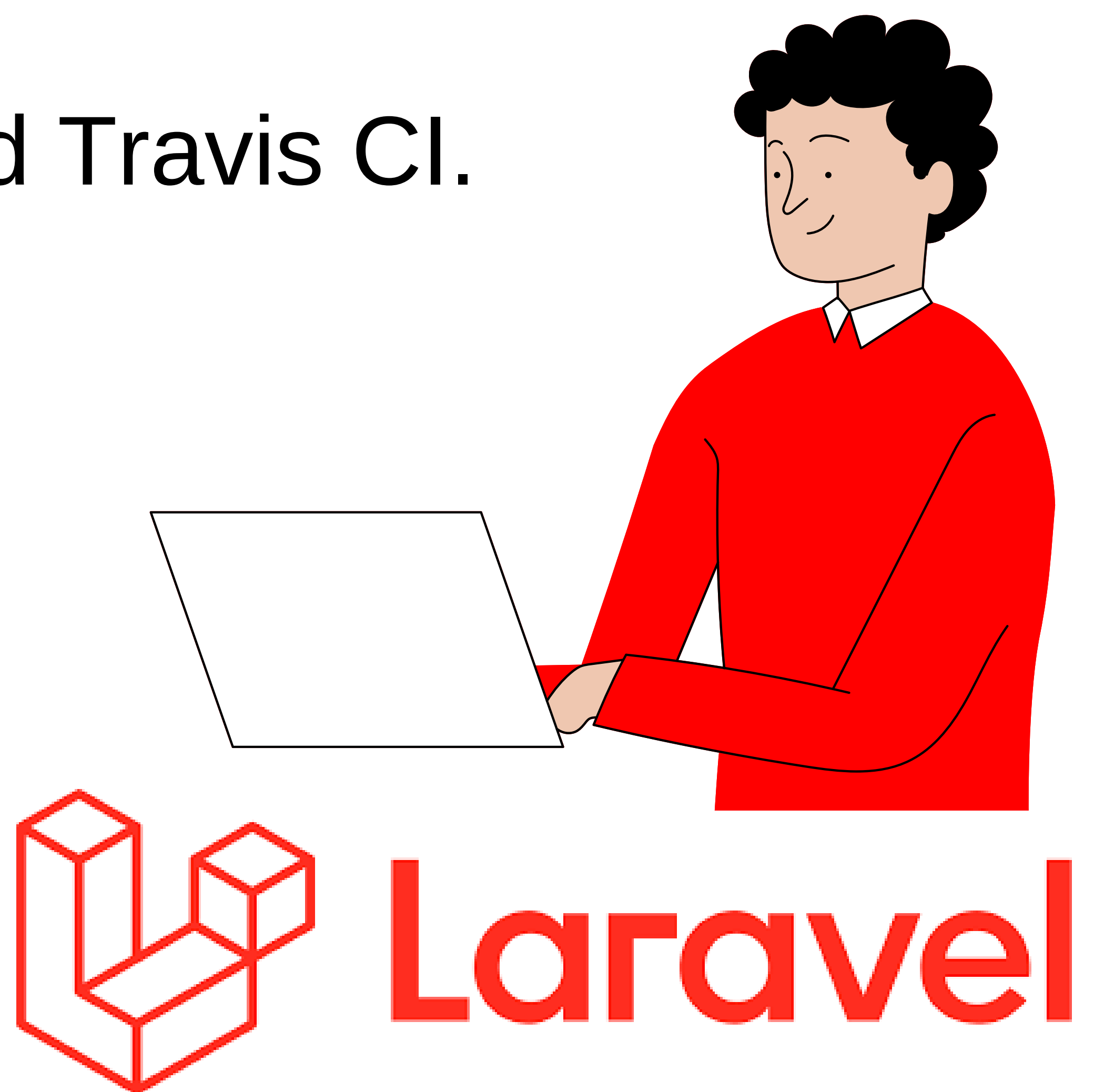
Final Project

- Developing a final project.
- Applying all the skills learned.
- Project presentation and review.

DAY 28-30

Testing and Debugging

- Writing unit tests in Laravel.
- Debugging techniques.
- Continuous integration and Travis CI.



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DAY 31-34

Deployment and Hosting

- Preparing a Laravel application for deployment.
- Deploying to hosting services.
- Domain management and SSL.

DAY 35-37

Performance Optimization

- Caching in Laravel.
- Database query optimization.
- Image and asset optimization.

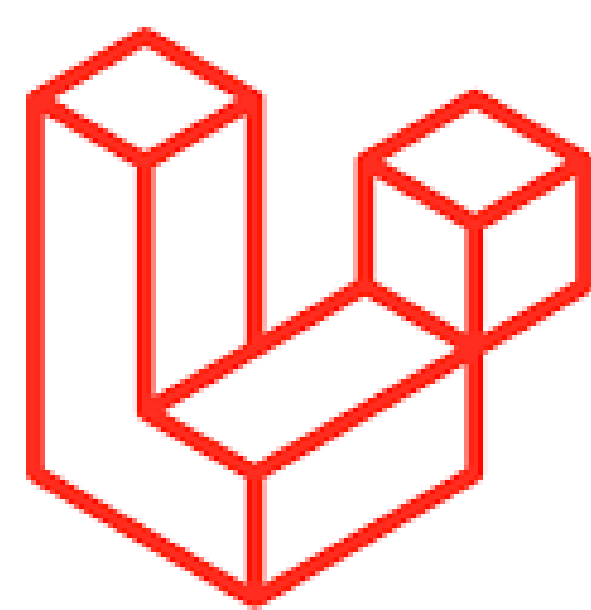
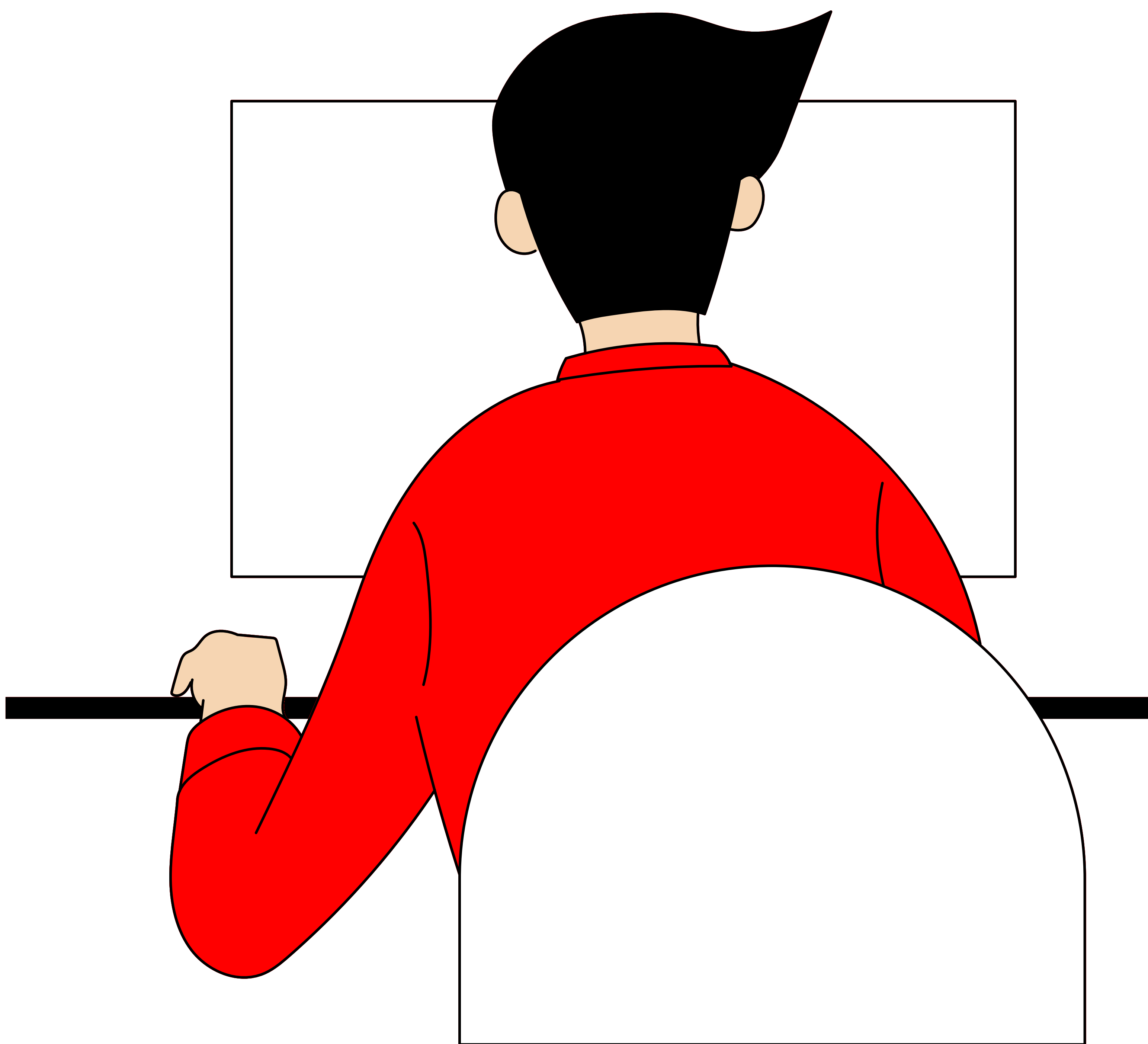


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Advanced Topics and Resources

- Exploring advanced Laravel topics (queues, events, etc.).
- Additional learning resources and next steps.



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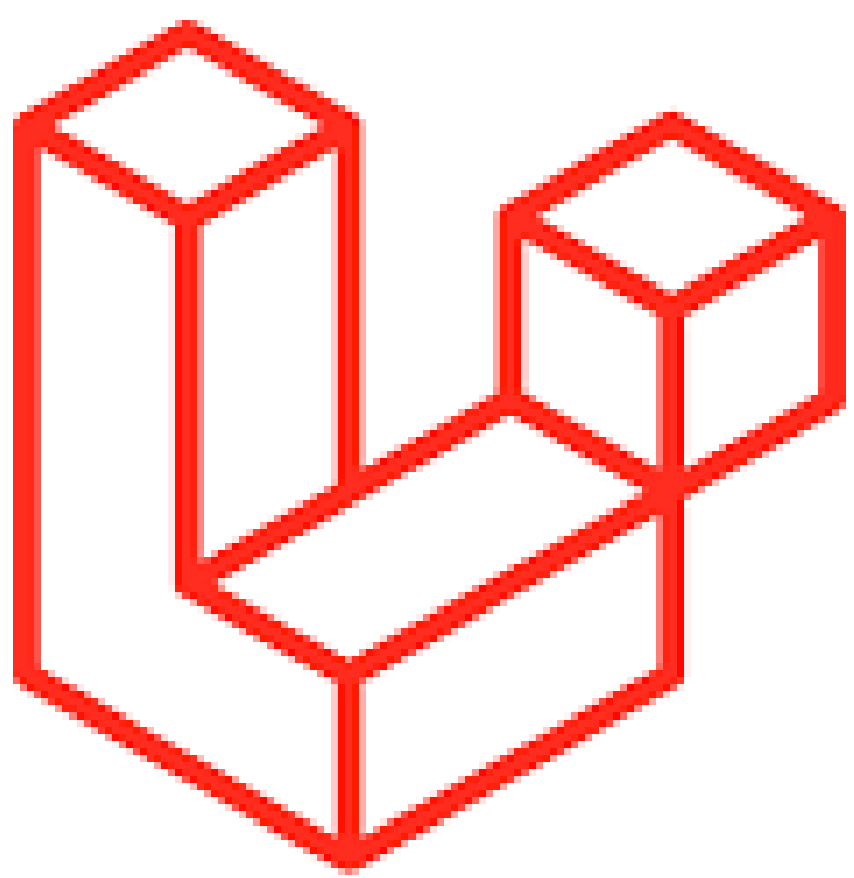
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