**Level-4**

Introduction

Intro - Video

Project Overview – Video + Screen Recording

MVC – Screen recording

Chapter-1

Introduction – Video

What is a Database? – Video

MySQL & NoSQL

Pro’s & Cons of MongoDB

How to choose between SQL & NoSQL

CRUD Operations

Creating a Database in SQL

Creating a Database in NoSQL

MLAB Overview

Comparison of SQL & NoSQL Database

Why NoSQL for this project?

Why everyone is using it?

Underlying Concepts

Chapter-2

What is a Framework? – Video

Introduction to Flask and it’s virtual environment

Flask hierarchy

What is GIT and How to use it?

Flask Configuration

URL Routing

HTTP methods

ORM

Flask Mongo Alchemy

MLAB Setup

Chapter-3

Authentication/Authorization

OAuth – Social Login

POSTS

Categorisation

Profile View/Edit

Live Chat

Unit Testing

Chapter-4

Intro to API’s

Flask Restful Services

API Testing

Extending RESTFUL to Mobile & Desktop