Laravel 5 Beginning to Advance Course

Course Code – Laravel TI18

Course Instructor : Hasan Ali Haolader

Software Engineer
TMSS ICT ,
TMSS

Total Hour : 90 Hour

Course Duration : 4 Month

Total Mark : 300

CLASS SL	TOPIC	TOTAL MARK	Class Type	Hour
1	➢ Overview o f Web Development and software Development ➢ Future Environment of programing and computer Technology ➢ software and web development different and strategics , tricks etc ➢ software and web , networking hacking strategics of hacker , working policy about hacker ➢ PHP Introduction and using it create simple application Class Test ➢ Crud operation using PHP and mysql	5	Theory Practical	3
2	➢ Getting Started ➢ ➢ Introduction of Laravel ➢ What we need to achieve? ➢ Tools Of The trade for developer ➢ server Requirements for laravel install ➢ Install laravel ➢ Configuration ➢ Web server Configuration ➢ Laravel Folder Structure ➢ Laravel Homestead ➢ Valet ➢ Deploying Class Test ➢ Install laravel & Configure it your local server	5	Practical	3
3	➢ Kernal , Config , laravel console , artisan command for teminal ➢ Laravel Request Lifecycle	5	Practical	3

	➢ Service Container ➢ Service Providers ➢ Facades ➢ Contracts ➢ PSR Standrad code reorganization ➢ Routing ➢ Blade ➢ CSRF Protection <u>Class test</u> ➢ Use Laravel Route and Blade create simple form and control data request			
4	➢ CSRF Protection ➢ Hacking Protection on laravel default technology ➢ Middleware ➢ controller <u>class test</u> ➢ Access Restrict page depend on Age using middleware	10	Practical	3
5	➢ Controller ➢ Tricks about Controller for code optimization ➢ Request ➢ Response <u>Class test</u> ➢ Crud Operation using controller advanced trick and send request and response	10	Practical	3
6	➢ View ➢ Session ➢ validation ➢ Tricks about validation for code optimization ➢ Url Generation <u>class test</u> ➢ Form validation using controller	5	Practical	3
7	➢ Database ➢ Getting Started ➢ Query Builder ➢ Pagination ➢ Migrations ➢ Seeding ➢ Redis <u>class test</u> ➢ Connect your database connection store data using seed and validation using model <u>home work</u> ➢ Complete crud operation ➢ using laravel feature	5	Practical	3

8	➢ Error Handling ➢ Laravel Log ➢ Localization ➢ Ajax , jquery , javascript include laravel and how to use it _class test_ ➢ Indentify your project problem using log and solve it _home work_ ➢ create a application without browser loading using ajax , jquery , javascript	15	Practical	3
9	➢ Secuirty ➢ Authentication ➢ API Authentication ➢ Authorization ➢ Email Verification ➢ Encryption ➢ Hashing ➢ Password Reset _class test_ ➢ Complete Your Secure Login System	5	Practical	3
10	➢ Eloquent ORM ➢ Relationships ➢ Collections ➢ Mutators ➢ API Resources ➢ Serialization _Class Test_ ➢ Real Project Planing and How to implement it ➢ Home Work ➢ Complete crud operation using ORM , json , Array ➢	0	Practical	3
11	➢ Project Design Integrated Bootstrap , font awesome etc ➢ using laravel blade , route , controller ➢ Template ➢ Authentication ➢ Multiple Authentication		Practical	3
12	➢ Project ➢ Testing On Project HTTP and ➢ Console TEST		Practical	3
13	➢ Project ➢ Database ER Diagram Planing and Database Structure		Practical	3
14	➢ Project ➢ Integrate With Other software using API		Practical	3
15	➢ Project ➢ Task Scheduling ➢ Cache ➢ File Storage ➢ Mail ➢ Event		Practical	3
16	➢ Project ➢ About laravel Collections ➢ Queues		Practical	3
17	➢ mysql adavanced Conecpt ➢ mysql routines ➢ mysql advanced query	20	Practical	3

	➢ faced data faster alogorithm ➢ MYSQL GLOBALIZATION ➢ MYSQL DATA TYPES ➢ MYSQL DATA DEFINITION			
18	➢ Project		Practical	3
19	➢ Project		Practical	3
20	➢ Project		Practical	3
21	➢ Project		Practical	3
22	➢ Project		Practical	3
23	➢ Project		Practical	3
24	➢ Project		Practical	3
25	➢ Project		Practical	3
26	➢ Project		Practical	3
27	➢ Project ➢		Practical	3
28	➢ Class On Software Consultant **Md Khairul Islam** Software Consultant Specialist on System **Solutions Associate or Expert** TMSS ICT TMSS	20	Practical	3
29	➢ Complete Project	185	Practical	3
30	➢ Work On Live Server and host your project ➢ Domain ➢ sub domain ➢ purchase ➢ Cpanel whm panel ➢ ssh	10	Practical	3