**Course outline and class schedule for PHP Laravel course, 2023**

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| Class no. | Topic | Time(hours) |
|  | Course orientation:   1. Project demonstration 2. Brief description on Programming concept, Framework and libraries, Backend & frontend 3. Brief description on some advanced topics: Testing (Black box testing), Debugging, SDLC 4. Discussion and installation of required software (XAMPP, PHP myadmin, VCS: Git & Github, IDE/Text editor : Sublime text/Visual studio code, postman etc.) 5. Group communication: whatsapp/messenger group |  |
|  | Programming with PHP |  |
|  | Miscellaneous: Laravel features (artisan, composer, database migration, command line tools, ORM, MVC), REST API, HTTP methods; Database: RDMS, SQL; JSON/XML data format; Web app hosting in free |  |
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