

MODULE HANDBOOK

Module Name	Pemrograman Web Lanjut / Advance Web Programming																									
Module level, if applicable	Undergraduate																									
Code, if applicable	02143152011																									
Subtitle, if applicable	-																									
Courses, if applicable	-																									
Semester(s) in which the module is taught	7																									
Person responsible for the module	Endar Suprih Wihidayat																									
Lecturer	Endar Suprih Wihidayat																									
Language	Indonesian and English																									
Relation to curriculum	Undergraduate degree program, elective course in 7th semester																									
Type of teaching, contact hours	Undergraduate degree program, < 40 students																									
Workload	Lectures: 2 x 50 = 100 minutes (1 hours 40 minutes) per week Private study: 2 x 60 = 120 minutes (2 hours) per week																									
Credit points	2 SKS																									
Requirements according to the examination regulations	A student must have attended at least 75% of the lectures to sit in the exams																									
Recommended Prerequisites	Pemrograman Web / Web Programming																									
Module objectives/intended learning outcomes	After completing this module, a student is expected to: <table border="1"> <thead> <tr> <th>No</th><th>Course Learning Outcome</th><th>PLO</th></tr> </thead> <tbody> <tr> <td>1</td><td>Understand about laravel framework</td><td>PLO-11</td></tr> <tr> <td>2</td><td>Able to compose and install laravel framework</td><td>PLO-11</td></tr> <tr> <td>3</td><td>Able to configure simple project correctly</td><td>PLO-11</td></tr> <tr> <td>4</td><td>Able to create, connect, and use the database</td><td>PLO-11</td></tr> <tr> <td>5</td><td>Able to create validation scheme to intercept unwanted input</td><td>PLO-11</td></tr> <tr> <td>6</td><td>Able to maintain user session</td><td>PLO-11</td></tr> <tr> <td>7</td><td>Able to design and create a web application</td><td>PLO-11</td></tr> </tbody> </table>		No	Course Learning Outcome	PLO	1	Understand about laravel framework	PLO-11	2	Able to compose and install laravel framework	PLO-11	3	Able to configure simple project correctly	PLO-11	4	Able to create, connect, and use the database	PLO-11	5	Able to create validation scheme to intercept unwanted input	PLO-11	6	Able to maintain user session	PLO-11	7	Able to design and create a web application	PLO-11
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Content	This course teaches students how to build a web-based system using the PHP and Javascript programming language frameworks. In addition, students are taught how to manage website content and structure so that the performance of web page access is maximized - Algorithm and Programming																									

	- Database - Web Technology		
Study and examination requirements and forms of Examination	Forms of examination:		
	No	Course Learning Outcome	Assessment Method
	1	Understand about laravel framework	Project Based (50%)
	2	Able to compose and install laravel framework	
	3	Able to configure simple project correctly	
	4	Able to create, connect, and use the database	
	5	Able to create validation scheme to intercept unwanted input	Team Based Project (50%)
	6	Able to maintain user session	
	7	Able to design and create a web application	
Media employed	LCD, Whiteboard, Power Point Slide Presentation, Practical Guidance Video, websites, etc.		
Reading list	1. Laravel 5 Essentials, Martin Bean 2. Begining Laravel, Sanjib Sinha 2. https://laravel.com/docs/5.4 3. https://laracasts.com/series/laravel-from-scratch-2017		