



Marking Scheme for Assignment 2: Develop a Java Web Application

Group Assignment:

GROUP CODE:	
GROUP ID:	

NO.	STUDENT ID	STUDENT NAME
1		
2		
3		

Criteria			Criteria Breakdown					
Criteria	Maximum Percentage	Percentage Gained	Criteria Breakdown	Maximum Marks	Marks Gained	Maximum Percentage	Percentage Gained	Remark
Implementation of Web Application								
Implemented all components in single server web application.	10	10.00	All CRUD operations are handled by a single server web application.	12	12	4	4.00	
			The same server web application to handle all URI requests.	12	12	4	4.00	
			Host all pages in the same server web application	6	6	2	2.00	
Implemented at least 5 pages (HTML pages)	25	25.00	The design of all the pages is consistent	6	6	2	2.00	
			Dynamic page 1 complexity	18	18	6	6.00	
			Dynamic page 2 complexity	18	18	6	6.00	
			Dynamic page 3 complexity	18	18	6	6.00	
			It is possible to navigate through all pages through URI requests in the same server web application	6	6	2	2.00	
			Each page contains at least 5 useful web components organised accordingly	9	9	3	3.00	
Integrate Database in Web Application								
Integrate database in web application	10	10.00	Database configurations are valid. (In pom.xml and application.properties)	6	6	2	2.00	
			Web application create multiple database tables.	12	12	4	4.00	
			Database tables have relationships	12	12	4	4.00	
Implementation of database CRUD in web application: Read								
Add data to database	8	8.00	Appropriate data are stored.	6	6	2	2.00	
			Data are validated before storing.	12	12	4	4.00	
			Data integrity and consistency are maintained.	6	6	2	2.00	
Implementation of database CRUD in web application: Retrieve								
Retrieve data from database	5	5.00	Correct data are retrieved for the appropriate pages.	9	9	3	3.00	
			Data are represented correctly in the appropriate pages.	6	6	2	2.00	
Implementation of database CRUD in web application: Update								
Update data from database	8	8.00	Appropriate data are stored.	6	6	2	2.00	
			Data are validated before storing.	12	12	4	4.00	
			Data integrity and consistency are maintained.	6	6	2	2.00	
Implementation of database CRUD in web application: Remove								
Remove data from database	4	4.00	Correct data are removed according to the pages.	6	6	2	2.00	
			Data integrity and consistency are maintained.	6	6	2	2.00	
Code Structure								
Consistent implementations of MVC design pattern.	5	5.00	Separate Model components, View components, Controller components.	15	15	5	5.00	
Basic code structure	5	5.00	Consistent naming scheme	3	3	1	1.00	
			Consistent code structure and easy to read	6	6	2	2.00	
			The codes are properly commented	6	6	2	2.00	
Group Collaboration in GitHub								
Group Collaboration in GitHub	10	10.00	The respective group's GitHub repository are consistently committed meaningful implementation to their source code	15	15	5	5.00	
			Each member committed at least five (5) meaningful implementations to their respective group GitHub repository's source code	15	15	5	5.00	
Video Demonstration								
Video demonstration	10	10.00	Demonstrated and explain how to navigate through the pages	12	12	4	4.00	
			Demonstrated and explain how to interact with the pages	12	12	4	4.00	
			Demonstrated within 5 to 10 minutes with each member explains their respective implementations	6	6	2	2.00	
Total Percentage Achieved		100.00						

Overall Marks Achieved		
Number of working day(s) late		0

Total Percentage Achieved (out of 100%)		100.00		Assignment Weightage (%)		25	
				Total Percentage Based on Assignment Weightage (out of 25%)		25.00	
		Grade		F	P	M	D
Marker Details							
Name							
Signature							
Date							
Additional Note							

- END OF MARKING SCHEME -