

OOP – Web Project Evaluation Marking Rubric

IT2030 – Object Oriented Programming

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Description	Marks	Sub Total
1. Frontend Implementation (MVC Architecture)		15
a) Views implementation (JSP)	05	
b) Controller implementation (Servlet)	05	
c) Model implementation (java model class + usage of proper encapsulation)	05	
2. Frontend validations		05
3. Implementation scope and (number of functionalities)		10
4. Apply OOP Concepts		10
a) Usage of Interfaces, Abstraction, Inheritance and Polymorphism concepts	10	
5. Data Access logic (CRUD Operation) and Business logic Implementation		25
a) Data access logic (Insert) + Service implementation	05	
b) Data access logic (update) + Service implementation	05	
c) Data access logic (delete) + Service implementation	05	
d) Data access logic (retrieve) + Service implementation	05	
e) Utility classes (Helper classes or functionalities separation and use in business logic)	05	
6. Coding Conventions and following standard practices		25
a) Proper packaging and layer wise separation	05	
b) Apply design patterns	05	
c) Apply java coding conventions (Check comments, class / methods and variable names in proper conventions)	05	
d) Exception Handling	05	
e) Other practices and standards (Usage constants, property files and loggers)	05	
7. Application compile, deploy and run without having any error		05
8. Application Usability and HCI features		05
Total Marks		100