

B.Sc. (Information Technology)
School of Information Technology, KMUTT
Course Outline 2/2024

INT204 : Server Side II

Room: G1 (Thursday) - LX11/3-4, G2 (Wednesday) – LX11/3-4

Time: Schedule : Wednesday 13.30 – 17.20, Thursday 13:30 – 17:20

Lecturers:

1. Pichet Limvajiranan

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Course Learning Outcome

1. Understanding REST principles.
2. Building API endpoints using Spring Boot, such as GET, POST, PUT, and DELETE. Understand how to map API endpoints to specific methods in your code.
3. Implementing CRUD operations: Learn how to implement Create, Read, Update, and Delete (CRUD) operations for your REST API. Understand how to handle data persistence and interact with a database using Spring Data JPA.
4. Understand how to handle query parameters, request headers, and different response status codes.
5. Error handling and exception management.
6. Understand how to secure your REST API by implementing authentication and authorization mechanisms.

Evaluation:

Assignment	20%
1 st Exam (Theory)	30%
2 nd (Theory)	20%
2 nd (Practice)	30%

Course Outline:**Group 2: Wednesday**

No.	Date	Topic	Evaluation
1	15/01/2024	Introduction to RESTful API	
2	22/01/2024	Spring Boot Reviews + Rest Controller	
3	29/01/2024	DTO : Data Transfer Object	
4	5/02/2024	Exception Handling	
5	12/02/2024	Spring Doc Open API - ???	(มาชมบูชา)
	17-21/02/2024	First Exam	
6	26/02/2024	Data Validation	
7	05/03/2024	File Services	
8	12/03/2024	Spring Security	
9	19/03/2024	JWT : Jason Web Tokens	
10	26/03/2024	Authorization	
	31-04/04/2024	Second Exam	

Group 1: Tuesday

No.	Date	Topic	Evaluation
1	16/01/2024	Introduction to RESTful API	
2	23/01/2024	Spring Boot Reviews + Rest Controller	
3	30/01/2024	DTO : Data Transfer Object	
4	6/02/2024	Exception Handling	
5	13/02/2024	Spring Doc Open API	
	17-21/02/2024	First Exam	
6	27/02/2024	Data Validation	
7	06/03/2024	File Services	
8	13/03/2024	Spring Security	
9	20/03/2024	JWT : Jason Web Tokens	
10	27/03/2024	Authorization	
	31-04/04/2024	Second Exam	