



Web Application Development Lab Section

Introduction

Spring Semester - 2023

Instructor: Assoc.Prof.NGUYEN Van Sinh.



Web Application Development

Resource:

Deliver on each lab section.



Agenda

Lab 1	Setup environment (NetBeans; MySQL) Implement a website using HTML code
Lab 2	Advance HTML Cascading Style Sheet (CSS)
Lab 3	Servlet (Introduction, Request Methods, Response Methods, Implement)
Lab 4	Web Session & Cookies
Lab 5	Java Server Pages, Database MySQL.
Lab 6	Introduction to PHP (Installation and setup IDE environment)
Lab 7	PHP with MySQL connection
Lab 8	Introduction to Nodejs (Installation and setup IDE environment)
Lab 9	Nodejs with My SQL connection
Lab 10	Introduction to XML and XSLT
Lab 11	DOM and SAX with XML
Lab 12	Project presentation



Project

- Choose your group partners (maximum is 3 students per each group)
- Choose your own topics or from advisor's suggestion



Grading policy

- Assignments + Attendance : 50%
- Project: 50%
 - 20% report
 - 30% viva
 - 50% demo
- If demo fails, your project marks will be demo's marks



Project guideline

- Requirement
- Use cases design
- Database design (must be at least 7 tables)
- Interface design
- Demonstration (must be included real data manipulation such as insert, view, update, delete, select, search, etc)
- **Add as more technology as possible**