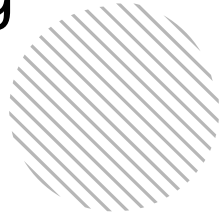


Advanced Software Engineering

ASSIGNMENTS



MSc. Ta Viet Phuong
phuongtv@ms.uef.edu.vn

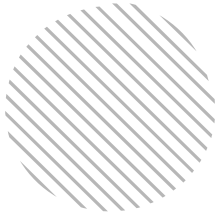


Notice

- Do not copy documents from books, newspapers or on the Internet verbatim. You need to paraphrase in your own writing style.
- All reference information and reference source code must:
 - **Understand** that information, source code
 - **Explainable** about that information and source code.
 - **Have a note** where the reference is from
 - **Full citations** in the reference list
 - APA/Harvard citation standards

HW1 – mini seminar

- Software development process:
 1. Aspect-Oriented Software Development
 2. Continuous integration
 3. Component based development
 4. Rapid application development
 5. Agile development
 6. Spiral development
 7. Behavior-driven development
 8. Unified Process
 9. Big Bang methodology
 10. Incremental funding methodology



HW1 – mini seminar

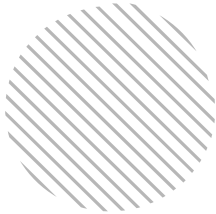
- **Requirements:**

- Group work
- Mini seminar: ~ 10-15 minutes
- Submit slides file only
- 1-2 presenters
- Main contents: Introduction; Overview; Properties; Comparison (with other models); Applied; etc
- Assign work to members and evaluate

- **Presentation day:**

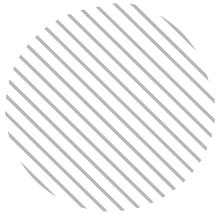
- 3rd – 4th session of the course

- **Deadline:** presentation day



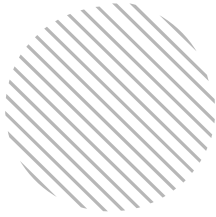
HW2

- Project management :
 - A. Introduction about Project management
 - B. Five process groups
 - C. 1 of 10 Knowledge areas
1. Project Integration Management
 2. Project Scope management
 3. Project Schedule Management
 4. Project Cost Management
 5. Project Quality Management
 6. Project Resource Management
 7. Project Communications Management
 8. Project Risk Management
 9. Project Procurement Management
 10. Project Stakeholder Engagement



HW2

- **Requirements:**
 - Group work
 - Submit Report file only (in PDF format)
 - 10-20 pages
 - Format: according to the University regulations
 - Assign work to members and evaluate
- **Deadline:** 8th session of the course
- Q&A



HW3

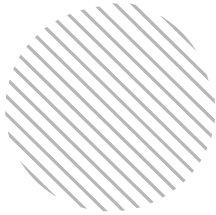
1. Human Aspects Of Software Engineering
2. The People in Project Management Concept

- **Requirements:**

- Group work
- Submit Report file only (in PDF format)
- 10-20 pages
- Format: according to the University regulations
- Assign work to members and evaluate

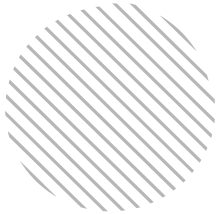
- **Deadline:** 13th session of the course

- Q&A



Mid-Term Seminar

- Main Trends in Software Engineering:
 1. Cloud computing & cloud services
 2. Blockchain Technology & Applications
 3. Platform as a Service (PaaS)
 4. Low-Code No-Code
 5. Artificial Intelligence
 6. Big Data
 7. IoT
 8. Mixed Reality
 9. Continuous integration and continuous deployment
 10. Digital Transformation



Mid-Term Seminar

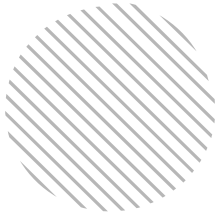
- **Requirements:**

- Group work
- Seminar: ~ 15 -20 minutes
- Submit Slides & Report file
- 2-3 presenters
- Main contents: Introduction; Overview; Properties; Advantages & Disadvantages; Applied; etc
- Assign work to members and evaluate

- **Presentation day:**

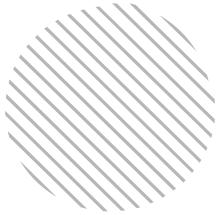
- 9th– 10th session of the course

- **Deadline:** presentation day

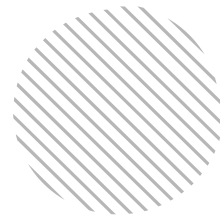


Mid-Term Exam

- In the form of essay, answer the questions



Q & A ?



MSc. Ta Viet Phuong
phuongtv@ms.uef.edu.vn

