COS30041 Creating Secure and Scalable Software [Java EE]

71 Distinction Task 5.3

Time Frame: Weeks 5 – 8
> **Suggested to start in Week 5, submit for feedback in Week 6 or 7, aim to get approval in Week 8**
> **Submission for Feedback:** **Week 6 or Week 7 (anytime), But actual Due in Week 7 Fri 6:30pm)**
> **Submission for Final Approval:** **Week 8, Fri, 6:30pm [Hopefully get approved by Week 9 Tue 5:00pm]**

Overview
In this task, you are required to write a software proposal for your D Software Project.

Purpose	To write a proposal for your Distinction Software project
Tasks	Write a proposal of a software development project based on a business scenario. To develop the software, you need to utilize the technologies (**Java EE**) you learnt in this unit
Suggested Time	60 minutes if you know the stuff well
Resources	All previous lecture materials
Feedback	Ask your tutor for feedback
Follow-up Task	Distinction Task 9.2 if your tutor approves your Software Proposal

Timeline of the Distinction Tasks [Software Project]

Stage	Week	Your Work	Tutor's Work
Write a Proposal [71 D Task 5.3]	5 – 8	• Think about a business scenario that requires an enterprise application • Attempt to complete the software proposal template • Discuss with your tutor • Submit for feedback[1] • Revise based on tutor's feedback • Submit for final approval	• Give feedback to student whether the project is too big or too small • Approve the [revised] proposal as "Complete" in Task 5.3D in Doubtfire
[Once proposal is approved] Design and Develop the Software [72 D Task 9.2]	9 – 13	• Design the software addressing the business scenario • Develop the software according to the design	• Discuss with students upon requests
Portfolio Interview	14	• Present the design of the software • Demonstrate the software product	• Ask questions in the interview • Assess the quality of the design • Assess the quality of the software product

---

[1] Note: Based on past experience, it will take at least 2 to 3 submissions to make it right. So, start early.

Distinction Task 5.3 Submission Details and Assessment Criteria

You need to fill in the details in the D_Software_Proposal_Template, save it as a pdf in **portrait** mode[2], and then upload it to Doubtfire, with the following details:

- Your name and student id
- Your tutor's name

Tasks and Instructions

Task 1 Fill out the D_Software_Proposal_Template. Detailed instructions are in the template, which can be found on Task Resource.

Task 2 Submit it for Feedback

Task 3 Revise the proposal based on tutor's comment

Task 4 Repeat Tasks 2 and 3 until the tutor approves the proposal

---

[2]Landscape mode pdf does not work properly in Doubtfire.