COS30041 Creating Secure and Scalable Software [Java EE]

72 Distinction Task 9.2[1]

Time Frame: Weeks 9 – D/HD Portfolio Interview
    Start: **Week 9 or ASAP after your software proposal has been approved**
    Due: **Final Portfolio Submission**

Overview

In this task, you are required to document the design of your software application proposed in Distinction Task 5.3.

Purpose	To develop your software as suggested and approved in 71 Distinction Task 5.3
Tasks	1. Develop your Distinction software according to the agreed and approved proposal 2. Test your software 3. Document the requirements, design, sample codes and testing results of your Distinction software
Suggested Time	2 – 4 weeks
Pre-req Task	71 Distinction Task 5.3
Resources	All lecture materials (previous and future)
Feedback	Ask your tutor for feedback

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[2] • 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] I have reserved Pass Task 9.1 for future use. You do not need to do Pass Task 9.1 in S1 2021.

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

72 Distinction Task 9.2 Submission Details and Assessment Criteria

You need to fill in the details in the 72_R_D_Software_Design_Template.docx, save it as a pdf in **portrait** mode[3], and then upload it to Doubtfire, with the following details:
- Your name and student id
- Your tutor's name

Tasks and Instructions

Task 1   Complete the 72_R_D_Software_Design_Template.docx. Detailed instructions are in the template, which can be found on Blackboard or Doubtfire (Task Resource).

---

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