

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 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	<ul style="list-style-type: none"> Think about a business scenario that requires an enterprise application Attempt to complete the software proposal template Discuss with your tutor Submit for feedback¹ Revise based on tutor's feedback Submit for final approval 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Design the software addressing the business scenario Develop the software according to the design 	<ul style="list-style-type: none"> Discuss with students upon requests
Portfolio Interview	14	<ul style="list-style-type: none"> Present the design of the software Demonstrate the software product 	<ul style="list-style-type: none"> 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** mode², 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

²Landscape mode pdf does not work properly in Doubtfire.