

COS30041 Creating Secure and Scalable Software [Java EE]

81 High Distinction Task 5.4

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 research proposal for your HD Research Project.

Purpose	To write a proposal for your High Distinction Research project
Tasks	Write a proposal of a research project for your HD portfolio
Suggested Time	120 minutes if you know the stuff well
Resources	All lecture materials (previous and future)
Feedback	Ask your tutor for feedback
Next task	HD Task 9.3 if your tutor approves your Research Proposal

Timeline of your High Distinction Tasks [Research Project]

Stage	Week	Your Work	Tutor's Work
Write a Proposal [81 HD Task 5.4]	5 – 8	<ul style="list-style-type: none"> Think about a research project that interests you for this unit Attempt to complete the research 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 <ol style="list-style-type: none"> too big or too small too vague or too narrow Approve the [revised] proposal as "Complete" in Task 5.4HD in Doubtfire
[Once proposal is approved] Design and Perform the Research; and Write the Report [82 D Task 9.3]	9 – 13	<ul style="list-style-type: none"> Design the research project Perform the research project Collect evidences and results Write a Research Report 	<ul style="list-style-type: none"> Discuss with students upon requests Give Feedback to students upon requests
Portfolio Interview	14	<ul style="list-style-type: none"> Present the research findings 	<ul style="list-style-type: none"> Ask questions in the interview Assess the quality of the research work Assess the quality of the research report

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

High Distinction Task 5.4 Submission Details and Assessment Criteria

You need to fill in the details in the HD_Research_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 HD_Research_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.