

BMI 5111 CAPSTONE PROJECT – INTERNSHIP/CAPSTONE PROJECT PROPOSAL

NUS students in the Biomedical Informatics Master programme are required to complete a master-level project during their candidature. This project takes the form of an approved full-time internship lasting 13 weeks. A full report and project presentation by the student will be used for assessment. We thank you for taking the time to propose a Master Biomedical Informatics internship.

Student Name:	Click or tap here to enter text.
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Section 1 – Company Details	
Company Name:	Click or tap here to enter text.
Primary Business:	Click or tap here to enter text.
Project Supervisor:	Name: Click or tap here to enter text.
	Designation: Click or tap here to enter text.
	Email: Click or tap here to enter text.
Contact:	Name: Click or tap here to enter text.
	Designation: Click or tap here to enter text.
	Email: Click or tap here to enter text.

Section 2 – Project Details	
Project Name:	Click or tap here to enter text.
Project Description:	<i>Please provide a detailed statement of the problem</i>
	Click or tap here to enter text.
	<i>If this is an attempt to optimise an operational procedure, please provide details</i>
Learning Outcomes:	<i>Besides the DBMI programme-specific learning outcomes given above, please list project-specific learning outcomes (if any) below.</i>
	Click or tap here to enter text.

Section 3 – Project Deliverables	
Deliverables:	What do you expect to come out of the project?
	<input checked="" type="checkbox"/> A report (Required by DBMI)
	<input checked="" type="checkbox"/> A presentation (Required by DBMI)
	<input type="checkbox"/> A software tool(s)
	Click or tap here to enter text.

Project Start/End Dates:	The minimum duration of the project is 13 weeks. <i>Please check one semester only.</i>					
	<input type="checkbox"/>	Semester 1 AY 2023/2024	<input type="checkbox"/>	Semester 2 AY 2023/2024		
Section 4 – Project Methodology						
Data:	Is there a dataset available? *		<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	Can the student store the data on their laptops?		<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	Can the student store the data on our computers/servers?		<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	Can the student use NUHS official Git repos for the code source control?		<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Techniques:	What data science techniques do you expect to be used?					
	<input type="checkbox"/>	Exploratory data analysis	<input type="checkbox"/>	Machine learning		
	<input type="checkbox"/>	Visualisation	<input type="checkbox"/>	Deep learning		
	What programming language do you expect to be used? <i>Please list all.</i>		Click or tap here to enter text.			
	What data science techniques do you expect to be used? Please list all techniques					
	Click or tap here to enter text.					
	What have you already tried? Please provide details.					
Click or tap here to enter text.						
Pre-requisites:	Did you discuss project pre-requisites with the student?		<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	<i>If the student lacks certain subject matter knowledge or skills, please provide details.</i>					
	Click or tap here to enter text.					