

Briefing on BACS3403 Project I AND BACS3413 Project II 2017/18

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For May16 entry year 1 -31 studs
BACS3403 Project I: March 2018
BACS3413 Project II: May2018

Briefing Outline

- Project I & II stages & deadlines
- Assigned Supervisor & Moderator List
- Programme Specialization
- Project Guidelines, Forms and Templates
- Assessment Rubric for Project I and Project II
- Submission of Students' pairing list (PIC: Programme Rep.)

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Supervisors List

- Due to manpower availability, this is assigned supervisor list:

chawjk@acd.tarc.edu.my
mazlindnm@acd.tarc.edu.my
tanbs@acd.tarc.edu.my
wongtl@acd.tarc.edu.my

Supervisor	Moderator
Dr. Chaw Jun Kit	Dr. Ting Tin Tin
Ms. Mazlinda	Ms. Pong Suk Fun
Ms. Tan Bee Sian	Ms. Christy Chai FT
Dr. Wong Thein Lai	Mr. Ooi Chun Pew

No	Programme	Student Name	ID	Supervisor	Check	Tutorial
1	BSIT2	LIU JING YING	16WNR05743	Dr. Chaw Jun Kit		GROUP 1
2	BSIT2	CHAM PEE HUI	16WNR05232	Dr. Chaw Jun Kit		GROUP 1
3	BSIT2	DERRICK LEW TAN KIT	16WNR06350	Dr. Chaw Jun Kit		GROUP 1
4	BSIT2	LEE KANG WEND	16WNR07245	Dr. Chaw Jun Kit		GROUP 1
5	BSIT2	LOH KUI SUAN	16WNR06965	Dr. Chaw Jun Kit		GROUP 1
6	BSIT2	SMITH HUI YIN	16WNR01308	Dr. Chaw Jun Kit		GROUP 1
7	BSIT2	KANG POE YEE	16WNR06936	Dr. Chaw Jun Kit		GROUP 1
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Student Grouping/ Individual

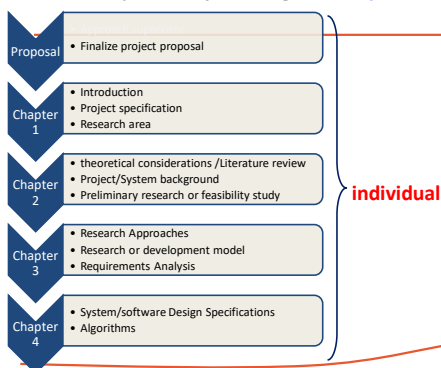
- Choose your name, fill in taruc email address & contact no by today.
- Programme Rep compiles all the tutorial groups of student grouping list.

Intake	31	May2016 Intake Y1			
Choose from drop down list		Fill in your email & contact number			
Student names	Reg. ID	Email	Phone No	Programme	Assigned Supervisor
1 LIEW JING YING	16WNR05743			BSIT2	Dr. Chaw Jun Kit
2 CHIN VOON KIAT	16WNR01155			BSIT2	Tan Bee Sian
3 CHEOW JIA JIAN	16WNR00267			BSIT2	Dr. Wong Thein Lai
4 GAN KAI SHEN	16WNR12022			BSIT2	Dr. Wong Thein Lai

Supervisor	Moderator
Dr. Chaw Jun Kit	Dr. Ting Tin Tin
Ms. Mazlinda	Ms. Pong Suk Fun
Ms. Tan Bee Sian	Ms. Christy Chai FT
Dr. Wong Thein Lai	Mr. Ooi Chun Pew

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Summary of Major Stages: Project I



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BACS3403 Project I Deadlines

Project I & II deadlines

Tasks	Deadline	Remark
Release Supervisor List		
Proposal Submission	Latest by 3/11/2017	Week 3
Moderation of Proposal	Latest by 24/11/2017	Week 6
Chapter 1 Introduction	Latest by 1/12/2017	Week 7
Chapter 2 Research Background	Latest by 29/12/2017	Week 11
Chapter 3 Methodology & Requirements Analysis	Start on March Semester 5/3/2018	Week 1
Chapter 4 System Design	23/3/2018	Week 3
Submission of Project I Portfolio	30/3/2018	Week 4

Changes in Project Proposal Requirement

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Project Types:

- Each student must only choose ONE(1) or more of the project types listed below:

Competition

- Must use the project idea or prototype to **submit** to at least one(1) competition (Mr. Kam Briefing)

Entrepreneurial Project

- Must register and **attend** TARC Incubator Program briefing.

Research Project

- To work together with supervisor for research publication, or for real-life application.

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Project Lecture Schedule (October Sem. 2017)

Batch: May17 Intake Year 1

Week	Dates	Topics	Lecturer
1	20/10/17 2-4pm K203	<ul style="list-style-type: none"> Briefing on <ul style="list-style-type: none"> Competition BACS 3403 Project I & BACS 3413 Project II 	Mr. Kam Ms.Yeoh (Project Committee)

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FYP Equipment List

The following list is the equipment or devices where students can borrow and use in the lab for their final year project. Students who wish to borrow are required to produce their student cards and see Ms Kurn, the Lab Assistant at B Block , in order to borrow the said items.

No.	Description of item	Units
1	Dlink 4Port Broadband VPN router	2
2	Bluetooth Wireless USB adapter	1
3	Biometrics Finger Print Scanner	1
4	Smart Card reader	1
5	HP Ipaq PDA hx2495	1
6	Symbol LS2008 PS/2 Laser Barcode Scanner	1
7	Zebra TLP2844 barcode printer	1
8	RFID HF kit	3
9	HP IPAQ 212 with 2G RAM	2
10	Samsung SGH-1/80 with 4G RAM	2
11	LCD screen Atouch 17" touch screen with NEC TFT LCD panel	1
12	LCD screen Atouch 19" touch screen with NEC TFT LCD panel	1
13	IPAD2 with Wifi+3G	1
14	Samsung Galaxy Tab 2 10.1"	1
15	Nokia Lumia 820 (Windows 8 Phone)	1
16	Samsung Galaxy Note 2	2
17	The Eye Tribe Tracker	1
18	GrovePi+ Start Kit for Raspberry Pi	8
19	Raspberry Pi 3	8
20	Orion S1 Virtual Reality Goggles	2

Programme Course Aims

RSD

- software & information systems development, network communications and information management. Web applications for commercial purpose.

RIT

- Web development, mobile computing & and networked computer systems.
- Internet technologies, Web applications, mobile applications and advanced mobile technologies.

REI

- Enterprise information systems
- improve business information systems, business processes and workflow, enterprise resource planning (ERP), decision support systems, business intelligence, e-commerce and system administration.

RIS

- Information security area. This includes project development and research of computer security, network and communication security, operating systems security, Web security, and secures software/Web application development

RST

- In interactive software development, in the areas such as computer games, edutainment-based applications computer simulators, and interactive applications for training, business and mass media. Research in virtual reality, human computer interaction, graphic programming and algorithm, computer animation, games design, advanced computer games technology, and 3D games development/design

RSF

- In software engineering. Research can be conducted to study the advanced software technology, software design, the life cycles of software engineering or software management to maintain high-quality software and design intelligent software/applications

Please refer to Project I Programme Guidelines

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Form 1,2,3,4 & 6 to fill in

What to Fill Up?

FORM 1

STUDENT DETAILS

[FORMS-2016-02-18\FORMS](#)
[1 STUDENT DETAILS.DOTM](#)

TARC		BACS3403 PROJECT I		Form 1 Student Details	
1. Student Details					
Student Name*					
Registration No.*					
Academic Year		2016/17		Intake* <input type="checkbox"/> May <input type="checkbox"/> Sept	
Programme* <small>(Choose an item)</small>					
House Phone Contact (Term)			House Phone Contact (Permanent)		
Handphone No.*					
Email (TAR UC)*					
Email (Personal)					
2. Project Details					
Project Type* <input type="checkbox"/> Research <input type="checkbox"/> Application <input type="checkbox"/> Package					
Project Category* <input type="checkbox"/> Industrial Project <input type="checkbox"/> Original Idea					
Individual Project Title*					

BACS3403 PROJECT I Form 2 Proposal

PROJECT
PROPOSAL
FORM 2
[FORMS-2016-02-18\Forms\FORM 2 PROPOSAL.DOTX](#)

TARU
TUMBUH BANGSA
UNIVERSITY
KUALA LUMPUR

[NAME]
Select Programme [Phone]
[Corresponding E-Mail Address]
[Supervisor]

PROJECT TITLE: [INSERT YOUR PROJECT TITLE]

Individual focus area

ABSTRACT
[In not more than 150 words, summarise the problem of your project and the solution proposed for the target market/users. State how does your project stand out from the rest]

Instruction: Complete the proposal within 3-7 pages.

PROBLEM
[Identify the existing problem - the ONE problem you solve doesn't need to be earth-shattering. The most important thing is to identify a problem that is worth solving. If your product or service doesn't solve a problem that potential customers have, you don't have a viable business]

SOLUTION
[A clear problem statement will help you focus your solution on solving that ONE problem, and not stretch the solution to solve multiple potential problems. Try to describe your product or service and how it functions as a solution in just a few sentences or bullet points. Briefly list out the essential functions or features of your system, and what technologies you will utilize]

TARGET MARKET
[State the focus of your target customers or users (it is not credible to include everyone in the world as the users). Conduct a market research or feasibility study to prove the product is designed for the right

Form 3:
Proposal
Moderation

BACS3403 PROJECT I Form 3
Project Proposal Moderation

1. Project Details

Student Name	Programme
Supervisor Name	
Moderator Name	
Project Title/Scope	
Project Type ^a	Project Category ^a I/O

2. Project Scope Moderation (to be filled by Moderator) (Please tick (V) if comply)

Project Requirements	Comply
Research Area and contribution. The project is within the area of specialization related to the programme of studies. The outcome of the project is able to contribute to the IT practices, target market, or knowledge.	
IT content. The project is IT-related and has substantial amount of IT content.	
Technical Skill. The project requires the students to write substantial amounts of programming codes, or use of IT technical skills with the aid of tools.	
Methodology. The project allows the students to apply some kind of system development or research methodology.	
Practicality or innovativeness. The project is an industrial project, or should practically represent a "real-life" case of a company, or it is innovative and the idea is original.	
Knowledge Expansion. The project allows the students the opportunity to expand their existing knowledge, either in depth or in breadth.	
Scope & Complexity. The project should be of scope acceptable within the limits of resources and capability of students. If the scope is small, then the project should have reasonable level of complexity. The project should focus on quality, but not quantity.	

3. Feedback

Comments and Changes Recommended (by moderator)	Action Taken (by supervisor)

FORM 4(i): Project Appointment Record

Student's Details
Name: _____
Programme: _____

Project Phases Abbreviation:
IP – Initial Phase AP – Analysis Phase DP – Design Phase

Mode of Appointment Abbreviation:
NF – Non Face-To-Face Mode F – Face-To-Face Mode

No	Date	Time		Duration (Minutes)	Mode	Phases	Project Progress & Remarks	Students' Signature
		From	To					
1.								
2.								
3.								
4.								

[Forms-2016-02-18\Forms\FORM 4\(i\) Project Appointment Record.dotx](#)

Form 6(i): Project progress report

Student's name: _____ **Report No.:** _____

Date of the meeting (dd/mm/yyyy): _____ **Time:** _____ **to** _____

Venue: _____ **Other Attendees:** _____

Mode of meeting (circle): Face to face / email / video conference / others: _____

Date & time of next meeting: _____

1. Issues discussed (progress made)
Provide a brief description of all the progress you have made. All related deliverables e.g. DPD, ERD etc should be attached.

You should also state the issues you have discussed with your lecturer during the meeting. E.g. a plan, comments by the supervisor, etc.

2. Action to be Taken
Provide a resolution to take action against the issues discussed above, and action for next progress.

3. Discussion

a. Problems Encountered
You may describe problems you have encountered while doing the project and reasons for delay.

b. Steps to Resolve the Problems
Provide information on how to resolve the problems above. If the problems could not be solved, provide the reasons why.

4. Appendices
Attached any appendices (if any) e.g. brochures, company information, questionnaires etc.

To be filled by supervisor during the meeting. Please tick (✓) one.

Student's punctuality: On time ☐ Late ☐

Supervisor's Signature: _____

[Forms-2016-02-18\Forms\FORM 6\(i\) Project Progress Report.dotx](#)

Project Portfolio

- The project portfolio (or folder) submitted in **BACS3403 Project I** may be returned to the students during their first meeting for this course (the supervisor has the right to keep the project file).
- All preparations, work done, project progress report and other deliverables related to the project must continue be kept and maintained in the project folder.
- Students must then keep their own files and bring together for EVERY subsequent meeting.

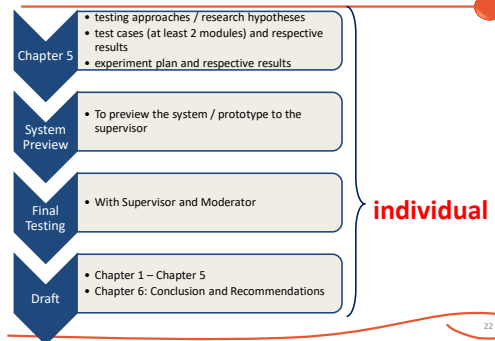
Project II

BACS3413 Project II

- Project II stages & deadlines
- Assessment Rubrics
- Final documentation

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Summary of Major Stages: Project II



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Project II Deadlines

Tasks	Deadline	Remark
Chapter 5: System Preview Testing and Results	28/5/2018 – 8/6/2018 (Week 1 – Week 2)	
Final Testing with moderator	22/6/2018 (Week 3 – Week 4)	
Make Good Testing	29/6/2018 Week 5	
Submission of Draft Thesis	20/7/2018 Week 8	
Submission of Final Thesis	3/8/2018 Week 10	

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Project 2 Deliverables Summary & Assessment Criteria (Application projects)

No.	Assessment Areas	Deliverables	Assessment Criteria
1	Software Testing Plan 10%	Test plan with expected result (at least 2 modules – main modules).	<ul style="list-style-type: none"> Completeness Test data Design quality
2	Final Software (Testing & Validation) 60%	Working system or Prototype	<ul style="list-style-type: none"> User interface Programming Presentation Degree of completion On-the-spot coding System Implementation
3	Final Documentation (Report) 20%	Documentation	<ul style="list-style-type: none"> Presentation Content Language and Style
	Poster 5%	A1 size	<ul style="list-style-type: none"> Content Organization Mechanics
4	Project Management 5%	Item 1 to 3 Project Progress Report	<ul style="list-style-type: none"> Adherence to project schedule Student's attendance Functionality

Both fulfill - Pass

Formal Presentation

Formal Presentation / Pitching

- Formal Presentation to be conducted in 5 minutes during Final Testing (individual)
- The selected student(s) will give pitching:
 - (1) potential commercializable product;
 - (2) for Incubator program.
- Prepare a Business Model (gain revenue)

Poster (A1) Samples in block B

- Each project, whether is done by an individual or in group, should produce ONE (1) poster with the following requirements:
 - Format: Power-point
 - Size: A1 size
 - Submission mode: Softcopy*.
- The selected poster could be exhibited @
 - FYP Showcase, Open Day
 - Accessible areas to ICT/CS students

*Only those good Poster(s) selected by the project supervisor requires the respective student(s) to print the poster & submit in hardcopy.

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Final Documentation

- Final Submission/deliverable:
 - 3 documents to submit (individually): A K F
 - 1. Project Abstract -> [AbstractTemplate.doc](#)
 - 2. Project Search Keywords -> [KeywordListTemplate.doc](#)
 - 3. Final Project Report -> [Final Project Report Template \(10.2017\).docx](#)
- Example:
 - Submission of final docs & softcopy of your system, all documents (Abstract, Keywords & Final report).
 - Remember to do the user guide & installation guide of your system.
 - You have to do the black cover with gold wording & comb-binding.
- Take note of the following matters.
 - 1. need 2 pcs of DVD or CD (in group) :
 - 1 DVD (proper label) stick on back cover of your final report.
 - 2. Final report (in docx form) is individual basic.
 - 3. Workable System



Registration ID:
Student Name:

Programme:
Intake: May 2016 INTAKE
Supervisor Name:
Project Title:
Academic Year: 2017/18



Thank you