School of Computing CP4101/XFC4101 BComp Dissertation BT4101 BSc Dissertation

CP4106 Computing Project CP3209 Undergraduate Research Opportunity Programme

Project Update Form

Please return this form to Ms Sharifah (sha.a@nus.edu.sg) for FYP / UROP (CP3209) & Ms Ivy Ng (ivyng@nus.edu.sg) for Computing Project (CP4106) by 5pm on Friday of Week 2.

Project Information:	
Select 1: () FYP: CP410	01/XFC4101/BT4101 () Computing Project: CP4106 () UROP: CP3209
Project No.:	Project Supervisor's Name:
	Co-Supervisor's Name (if any):
Student's Name & Studen	nt No.:
If the project title / key wo	ords / nature of project has to be changed, please either
(1) request your supervisor	or to update it via https://mysoc.nus.edu.sg/~projadm/ by the above deadline;
OR	
(2) provide the information	n below for our update:
(a) The new project t	itle (in full):
(b) New key words (p	please refer to the attached for listing of key words to select):
Keyword 1:	
Keyword 2:	
Keyword 3:	
Date	Signature of Supervisor

Keywords for Projects Proposed by CS Staff

Keyword for projects proposed by CS Staff	Keyword 1	Keyword 2	Keyword 3
Theory & Algorithms	Х	Х	
Theory of computation		Х	Х
Data Structure and Algorithms		Х	Х
Graph Theory		Х	Х
Computational Biology	X	Х	
Computer Systems	X	Х	
Computer / Processor Architecture		Х	Х
Real-Time / Embedded Systems		Х	Х
Operating Systems		Х	Х
Distributed Systems		Х	Х
Distributed Computing and Algorithms		Х	Х
Multimedia Systems		Х	Х
Parallel Computing		Х	Х
Computer Networks	X	Х	
Wireless and Mobile Networks		Х	Х
Sensor Networks		Х	Х
Artificial Intelligence	X	Х	
Data Mining		Х	Х
Machine Learning		Х	Х
Learning and Decision Support		Х	Х
Natural Language Processing		Х	Х
Database Systems	Х	Х	
Programming Languages & Systems	Х	Х	
Constraint Programming		Х	Х
Program Analysis and Optimization		Х	Х
Software / Program Specification		Х	Х
Advanced Type Systems		Х	Х
Time Concurrent Systems		Х	Х
Visual Computing	Х	Х	
Computer Graphics		Х	Х
Image Analysis & Processing		Х	Х
Video/Audio Analysis		Х	Х
Software Engineering	Х	Х	
Information retrieval / processing	Х	Х	
Logic and Formal Methods	Х	Х	
Formal Methods		Х	Х
Mathematical Logic		Х	Х
HCI	Х	Х	
Security	Х	Х	
System Security		Х	Х

Keyword for projects proposed by CS Staff	Keyword 1	Keyword 2	Keyword 3
Data Security		Х	Х
Compression		Х	Х
Software and Applications	Х	Х	
Mobile Applications		Х	Х
Web-based Applications		Х	Х
eLearning		Х	Х
Computer Games		Х	Х
Social Networks		Х	Х

Keywords for Projects Proposed by DISA Staff

Keywords for Projects Proposed by DISA Staff	Keyword 1	Keyword 2	Keyword 3
Digital Transformation, Platforms & Innovation	X		
Healthcare Informatics	X		
FinTech	Х		
Data Science & Business Analytics	Х		
Computational Social Science	Х		
Intelligent Systems	Х		
Strategic IT Management		Х	
Management of IS		Х	
Affective Computing			Х
Artificial Intelligence			Х
Augmented Reality			Х
Big Data Analytics			Х
Blockchain and Distributed Ledger Technologies			Х
Causal Inference			Х
Clinical Data Analytics			Х
Computing Education			Х
Crowdfunding			Х
Crowdsourcing			Х
Cryptocurrencies			Х
Cybersecurity			Х
Data Mining			Х
Data Visualization			Х
Deep Multi-View Learning			Х
Digital Collaboration			Х
Digital Innovation			Χ
Digital Marketing			Χ
E-Commerce			Χ
E-Government			X
Economics of IS			X
Education Technology			X
Financial Analytics			X
Future of Work			Χ
Genomic Data Analytics			X
Health Informatics / Analytics			X
Healthcare IT			X
Human Computer Interaction			Х
Information Management			Х
Diffusion of Innovation			X
IT Entrepreneurship			Х
IT Governance			Χ
IT Labor Economics			Х

Keywords for Projects Proposed by DISA Staff	Keyword 1	Keyword 2	Keyword 3
IT Policy			Х
IT Project Management			Х
IT Strategy			Х
IT-enabled Financial Services			Х
IT-enabled Supply Chains			Х
Knowledge Management			Х
Knowledge -based Systems			Х
Learning Analytics			Х
Legal Aspects of IT			Х
Machine Learning			Х
Management of Emerging Technologies			Х
Market Design			Х
Marketing Analytics			Х
Mobile Health			Х
Natural Language Processing			Х
Network Science			Х
Neural Networks			Х
Online Advertising			Х
Online Communities			Х
Online Consumer Behavior			Х
Online Platforms			Х
Open Innovation			Х
Sentiment Analysis			Х
Service System Innovation			Х
Sharing Economy			Х
Social Media			Х
Social Networks			Х
Software Development			X
The Dark Web			Х
User Experience Design			Х
User Generated Contents (UGC)			Х
Virtual Reality			Х