Student Supervision

By Teddy Mantoro

Summary

In supervision student’s project, my experience is as follow:

a. 12 Final Year Project (FYP) students, (including 4 students in progress), 4 Industrial Attachment (IA) students and 1 PhD student (co-supervisor) at Department of Computer Science, International Islamic University Malaysia, Kuala Lumpur, Malaysia in 2008/2010.


c. 121 Bachelor Degree and Diploma students for their thesis/final projects, when I worked as a lecturer in University Budi Luhur, Jakarta, Indonesia (1995/1999) (list available on request).

Field of Study:

Some of these students completed their projects in the areas of Ubiquitous Computing, Expert System, Computer Security, Software Engineering, Computer Networking and Artificial Intelligent. The following are the titles of some of their theses:

a. Ubiquitous Computing/Pervasive Computing and Wireless Sensor Network

- Siti Athirah Binti Saharudin, Supiah Binti Selamat, User Navigation Using GPS in IIUM Campus, Department of Computer Science, International Islamic University, Kuala Lumpur, Malaysia. November 2009.
- Ahmad Azizan bin Idris, Salahuddin Bin Wan Khairuzzaman, Indoor Symbolic Location Determination using IEEE 802.11 Signals in Location-Aware Computing. Department of

b. *Expert System*

- Gregorius H.G. K. *An Expert System to Diagnose Health Problems in under One Year Old Babies* (Sistem Pakar untuk Mendiagnosa Gangguan Kesehatan pada Bayi Pra–Setahun), Budi Luhur University, Jakarta, Indonesia, 4 August 1997.
- Mila Kurniati Rahma, *Software Development in Helping the Diagnosis of Typhus, Malaria and Dengue based on Expert System* (Pengembangan Perangkat Lunak bantu Diagnosis Berbasis Sistem Pakar untuk Kasus Penyakit Tipus, Malaria dan Demam Berdarah), Budi Luhur University, Jakarta, Indonesia, 30 April 1999.

c. *Computer Security*

- Denny Widodo, *Securing Data Transmission Using Modified Data Encryption Standard (DES) and Message Digest Version 5 (MD5)* (Pengamanan Transmisi Data dengan Menggunakan Modifikasi Data Encription Standar (DES) dan Message Digest Versi 5 (MD5)), Budi Luhur University, Jakarta, Indonesia, 22 March 1999.
- Sunarto, *The Roles of Symmetric Key Cryptography Algorithm in Data Encoding Process* (Peranan Algoritma Kriptografi Symetric Key dalam Encoding Data), Budi Luhur University, Jakarta, Indonesia, 19 October 1998.

d. *Software Engineering*


e. *Artificial Intelligent*

• Rey Mannix, *The Optimization of Managing Traffic Lights Using Fuzzy Logic* (Optimasi Lampu Pengatur Lalu Lintas Menggunakan Fuzzy Logic), Budi Luhur University, Jakarta, Indonesia, 18 September 1999


• James Purnama, *The Implementation of Decomposition Function Using Armstrong Inference Rules for Database Normalisation* (Implementasi Dekomposisi Fungsi Dengan Armstrong Inference Rules Untuk Normalisasi Database), Budi Luhur University, Jakarta, Indonesia, 24 March 1999