Registration Form

One Day Workshop on Android Application Development
17 June 2017 (Saturday, 9.00 A.M. – 5.00 P.M.) | Wisma IEM, Petaling Jaya, Selangor

Organised by: Information and Communications Technology Special Interest Group, IEM

Name of Organisation: ....

Mailing Address: ....

Email	:	Hand Phone :	....
Tel (Office)	:	Fax :	....
Contact Person	:	Designation :	....

I/We wish to enrol the following person(s) for the above-mentioned Course:

Name	M/ship No.	Reg. Fee (RM)
	SUB TOTAL	
	ADD GST @ 6%	
	TOTAL PAYABLE	

Enclosed herewith a crossed cheque No. ………………… for the sum of RM …………………. issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/we withdraw after my/our application is/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

Signature: ……………………………………………… Date: …………………………………………………

Registration Fee (Subject to 6% GST)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	RM 150.00	RM 180.00
IEM GRADUATE MEMBER	RM 250.00	RM 300.00
IEM CORPORATE MEMBER	RM 400.00	RM 450.00
NON-IEM MEMBER	RM 550.00	RM 600.00

PERSONAL DATA PROTECTION ACT

I have read and understand the IEM's Personal Data Protection Notice published on IEM's website at http://www.myiem.org.my and I agree to IEM's use and processing of my personal data as set out in the said notice.

Correspondence

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Email: mirdeeliani@iem.org.my (Ms. Mirdeeliani)

GST is implemented effective of 1 April 2015

One Day Workshop on Android Application Development

Date: 17 June 2017 (Saturday)
Time: 9.00 a.m. – 5.30 p.m.
Venue: Wisma IEM, TUS and C&S Lecture Rooms,
2nd Floor, Petaling Jaya, Selangor
Speaker: Mr. Daniel Pu Chuan Hsian, Grad. IEM

Organised by: Information and Communications Technology Special Interest Group, IEM

BEM Approved CPD/PDP hours: 7   Ref No: IEM17/HO/043/T

PREREQUISITES: As this is a hands on workshop:
1. Participants are required to bring your own Laptop.
2. Android OS phone (Such as Lenovo, Samsung, HTC, Xiaomi and etc.) and USB (charging) cable for the respective mobile phone.
3. All participants should know the fundamental of JAVA programming.

Closing Date Before: 14 June 2017

Terms & Conditions:
- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master].
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

One Day Android Application Development Workshop mainly focuses on how to use Android OS for studio to build your own and personalized apps for mobile devices on Android OS platform. Only the basic Java knowledge of programming is required for Android App Development, you do not have to be a geek for it in order to attend this workshop! The workshop will start from the basics like designing layouts and building complex layouts. Once the basics of Android are done we will begin with building Apps. This workshop is a hands-on guide to designing and building mobile applications using Android studio. The course explains what Android is, Activity's lifecycle, the Android SDK, all essential features, as well as the advanced capabilities and APIs such as activity, Intent, service and notifications. This complete hands-on workshop encourages participants to learn by building a useful working application, which can serve as a basis for their future Android projects. By the end of the course, each participant will have a complete functional Android application incorporating most of the key features of the platform and be shown how to publish their works to Google Play Store.

BENEFITS:

Upon completion of this course, you will be able to:
- Build your own applications for Android mobile phones.
- Understand Dalvik Virtual Machine and Android's activity lifecycle.
- Understand how Android applications work, Android application components, gradle configuration, manifest and Intent.
- Design Android applications with compelling user interfaces by using and creating your own layouts using external resources.
- Take advantage of Android APIs for data storage and retrieval via user preferences, and files.
- Debug, test and deploy your own applications.
- Develop your own app from the scratch and publish your app on Google Play Store.

Cancellation Policy

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

BIODATA OF SPEAKER

Mr. Daniel Pu Chuan Hsian is a senior Engineer in Information Security Lab of Mimos Berhad (National ICT research center). He is responsible of developing information security systems for various applications particularly for governmental, financial and banking sectors. He is specializing in developing mobile apps for advanced two-factor or known as 2-step authentication that is widely used various login systems such as in Google and etc. In his years of developing mobile apps for information security systems on Android OS, he had gained vast experience and in-depth knowledge and skills in developing applications by using Java programming language. Apart from sound programming knowledge in software development, Mr. Daniel was an experienced lecturer in Taylor's University, Malaysia prior to joining Mimos Berhad. He taught computer programming, fundamental engineering and mathematics courses in American Degree Transfer (ADP) program for the first and second year's students. Overall, Mr. Pu has accumulated more than 16 years of experience in software development and teaching programming languages in tertiary level.

TENTATIVE PROGRAMME

TIME	TENTATIVE PROGRAMME
08.30 am – 09.00 am	Registration
09.00 am – 10.15 am	What is Android OS and programming, Setting up development environment with Android Studio, understanding Dalvik Virtual Machine & .apk file extension
10.15 am – 10.30	Break
10.30 pm – 12.30pm	Programming Fundamentals: Basic Building blocks - Activities, services, broadcast receivers & content providers, UI Components - Views & notifications, Components for communication -Intents & Intent Filters and activities and activity lifecycle
12.30 pm – 1.30pm	Lunch
1.30 pm – 3.00 pm	Android Programming: UI layout, Image View, Edit Text, Check Box,ListView, GridView, Time and Date, Gallery, Toast, Dialog, Notification, Intent and file resources
3.00 pm – 3.30 pm	Break
3.30 pm – 5.00 pm	Hand-on: Develop your own Android mobile app. Signing and publishing your app
5.00 pm – 5.30 pm	Q&A and End of Session