



# MOBILE APPLICATION DEVELOPMENT TRAINING (IOS, ANDROID)

## COURSE INFORMATION

**COURSE TITLE : MOBILE APPLICATION DEVELOPMENT  
TRAINING (IOS, ANDROID)**

**COURSE DURATION : 2/3/5 DAYS**

**COURSE LEVEL : BASIC/INTERMEDIATE/ADVANCED**





## COURSE INTRODUCTION

Ionic aims to simplify the process of creating apps for numerous platforms, eliminating the need for duplicating the same code in multiple different languages for different platforms. Additionally, the app can be written in HTML, CSS and JavaScript (no need to learn a new language) and can be deployed on both, iOS and Android. The look and feel of the apps remain similar to the native apps.

Ionic also simplifies development by providing you with tools that allow you to create drag-and-drop mockups (Ionic Creator) and an easy-to-use CLI to create, build, test and deploy your app to testers (Ionic View).



## COURSE OBJECTIVES

The objectives of this course are: -

- Learn to build Mobile Apps using Ionic Framework
- Master Ionic concepts and app development process
- Basic HTML5, CSS3 & javascript skills to develop more advance applications
- Publish your App on Apple Store and GooglePlay
- Build a complete app using the Ionic Framework

This course is suitable for: -

- Web Designers and Developers
- IT Support Officers
- Business Owners
- Online Marketers / Digital Strategists
- Advertisers / Event Organisers
- For those who want to learn the ionic framework for creating mobile apps

 **KEY TAKE AWAYS**

At the end of this course, participants will be able to:

- Design the display & layout
- Build menus and access
- Insert interactive elements, text element and graphic
- Control inputs and data from users
- Able to create interactive application with multiple activities including audio, video and notifications
- Package and export the application to Apple Store, Googleplay



# COURSE CONTENT

## 1) IONIC 3 CLI

- Installing the Ionic 3 CLI
- Creating a New Project with the Ionic 3 CLI
- Listing Project Templates
- Running our Project in the Browser and on a Device
- Using Live Reload on a Device
- Generating Project Components with the Ionic CLI
- Getting Environment Information with Ionic Info
- Accessing the Ionic Documentation
- Creating an Ionic.io Account
- Authenticating to Ionic.io Within the CLI
- Creating an Application on the Ionic.io Platform
- Using Ionic View to Run Your Application on a Device
- Generating Splash Screen and Icon With the CLI
- Getting Started with Ionic 3
- Installing Dependencies
- Creating Our First Project
- Run Your Application in a Browser
- Folder Structure
- Config.XML and Application Name
- Package.json
- Adding Content to Our Application
- Recap

## 2) NAVIGATION

- Creating a New Page
- Navigating to Another Page
- Lazy Loading NavigationLazy Loading Components
  - Feature/Shared Modules
- Navigation Parameters
- Lifecycle Hooks
- Back Navigation
- Root Navigation and Stack Overview
- Theming
- Introduction - Colour Selection
- Custom Colours
- Text Alignment
- Text Transformation
- Padding
- Margin
- Changing Colour Contrast

## 3) IONIC CREATOR

- Working with Ionic Creator
- Pages and Components
- Exports

## 4) WORKING WITH APIS

- Creating Data to MySQL Database with PHP
- REST API with MySQL

## 5) USING WORDPRESS AND BACKEND

- Setting up WordPress
- Working with WordPress REST API V2
- Listing pages and posts in Mobile App

## 6) IONIC 3 COMPONENTS

- Preface
- Buttons
- Badges
- Chips
- FAB List
- Modal
- Toast
- Toggle
- Tooltips
- Popover and onDismiss()
- Events
- Using @IonicPage() for Deep Linking
- Split Pane
- Slider

## REQUIREMENTS

- An understanding of JavaScript.
- A brief understanding of Angular and TypeScript would be beneficial, but not ultimately required.



# MU DOT MY PLT TRACK RECORD



**2008**  
MU DOT MY PLT was established on November 2008. In the early stages, we offer Website Design Training (Joomla! CMS and others).



**2010**  
MU DOT MY PLT is the leading training provider appointed by government agencies for Joomla! training. We also introduced new LMS practical training.



**2011**  
MU DOT MY PLT also registered with the Ministry of finance(MOF) with the addition of new areas. We have also acquired the status of "Registered training provider" from Human Resource Development-Ministry of Human Resources.



**2012**  
Pusat Internet 1 Malaysia(PI1M) was one of the government initiatives that enables poor people to access high speed internet services and provide training in ICT for them. We trained the PI1M managers.



**2012**  
Joomla! Community Malaysia is a community project established by MU MY DOT PLT .



**2013**  
MU DOT MY PLT conducted Maxis CSR Programme in 2013 which is participated by 6 schools.



**2014**  
Moved to Regalia Business Park. Comfortable training facilities equipped new lab and new equipments.



**2014**  
Malaysia Open Source Conference or MOSCMY 2014 was held on 24-25 September 2014 at Menara SSM @ central Kuala Lumpur. We participated and contributed to MOSCMY.



**2015**  
After 6 year MU DOT MY become a Limited Liability Partnership (LLP) and started business as MU DOT MY PLT.



**2015**  
MU DOT MY PLT main HQ inaugurated by the President of the Joomla! OSM Sarah Watz.



**2015**  
MU DOT MY PLT organized the largest Joomla! event JoomlaDay Malaysia 2015.



**2015**  
Joomla! World Conference in Bangalore, India.



YOUR ORGANIZATION ?

## CONTACT US

24 – 1, FIRST FLOOR, JALAN USJ 1/1B,  
REGALIA BUSINESS PARK USJ 1,  
47620 SUBANG JAYA, SELANGOR MALAYSIA  
PHONE: +6 03-80 11 6639  
FAX: +6 03-2772 0900  
EMAIL: [INFO@MU.MY](mailto:INFO@MU.MY), [SUPPORT@MU.MY](mailto:SUPPORT@MU.MY)  
FACEBOOK: [FACEBOOK.COM/MUDOTMY](https://www.facebook.com/mudotmy)  
TWITTER: [TWITTER.COM/MUDOTMY](https://twitter.com/mudotmy)  
SKYPE: MUDOTMY  
INSTAGRAM: [INSTAGRAM.COM/MUDOTMY](https://www.instagram.com/mudotmy)  
WEBSITE: [WWW.MU.MY](http://WWW.MU.MY)

### OUR NETWORKS



MU.MY



MYGOV.IO



MYDROID.IO



Joomla.ORG.MY



WordPress.ORG.MY