

# Deccansoft Software Services

(A Microsoft Learning Partner)

## Module 1:-- Introduction to Xamarin.Forms

In this module, you can learn about what is xamarin.forms , how to develop cross platform mobile app using xamarin studio and visual studio

- ❖ About Mono
- ❖ What Is Xamarin Forms?
- ❖ Cross-platform mobile development
- ❖ Xamarin vs. Xamarin.Forms
- ❖ Developing Environment
  - Visual Studio
  - Xamarin studio

## Module 2:-- First Application on Xamarin.Forms

This module talks about how to create xamarin project step by step, difference between Shared project and PCL solution and Activity Lifecycle.

- ❖ Cross-platform options
  - Shared Projects
  - PCL Solution
- ❖ Activity Lifecycle

## Module 3:--Controls

In this module, you can learn about the controls for designing the GUI in detail. These are the basic fundamentals that everyone should learn.

- ❖ Pages
  - ContentPage
  - Navigation Page
  - Tabbed page
  - master-details
  - carouselPage
- ❖ Layouts
  - The Kinds and Purposes of Layouts
  - StackLayout
  - RelativeLayout
  - AbsoluteLayout
- ❖ Views
- ❖ cells

## Module 4:--XAML

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This module deals with the introduction to XAML and how to create a Xaml project and Data Binding to MVVM.

- ❖ XAML Basics
- ❖ XAML Compilation
- ❖ XAML Namespaces

### **Module 5:--user Interface**

In this module, you can learn about the different User Interfaces which allows to create more interactive GUI

- ❖ Navigation
- ❖ Styles
  - Introduction
  - Explicit Styles
  - Implicit Styles
  - GobaStyles
- ❖ ListView
- ❖ Maps

### **Module 6:--Themes**

This module will help you learn different Themes , control Appereance and Style Css .

- ❖ Light Theme
- ❖ Dark Theme
- ❖ Creating a Custom Theme

### **Module 7:-- Database Access**

This module deals with how to connect to SQLite Database and how to store data permanently with a neat Employee example.

### **Module 8:--Webservices**

In this module, you will come to know about the Rest service using HttpClient and about Get,Post,put,patchDelete Operations.

- ❖ Consuming Rest Service
- ❖ Working with network resources like HTTPs, JSON, Cloud Services

### **Module 9:-- App Deployment**

Through this module you will learn how to generate .apk(android) ,ipa(iphone) app and how to deploy Android app in Google Playstore and Iphone app in Apps store

### **Module 10: --Xamarin UI Test and Xamarin Test cloud**

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In this module you going to learn how to do UI test and Test cloud for making the app as bug free and to increase the app performance