Course: Flutter

Duration: 60 Hrs (Changeable) | Fees: Individual / Batch

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Syllabus on the Next Page ..

Module 1: Â Introduction

✳ Introduction to Flutter

Module 2: Â Introduction To Dart

✳ Reason why Dart holds the fort strong.

✳ Installing Visual Studio Code and the Dart Plugin.

✳ Installing Dart SDK.

✳ Writing the first Dart Program.

Module 3: Â Setting Up Flutter

✳ Downloading/Cloning the Flutter SDK.

✳ Installing Flutter Plugin within VS Code.

✳ Understanding the structure of a Flutter Project.

✳ Building a simple app from scratch.

Module 4: Â Introducing Widget

✳ Widgets and their role in a Flutter app.

✳ The MaterialApp and Scaffold widget.

✳ AppBar.

✳ FloatingActionButton.

✳ More widgets - Text, Center and Padding.

✳ Recreating the Default Flutter App (UI Only)

Module 5: Â Common Widget In Flutter

✳ Containers and their role.

✳ Importing images from a network.

✳ Importing images as assets.

＊ Adding icons to widgets.

＊ Understanding Row and Column.

＊ ListView and ListTile.

＊ Building views using ListView.builder.

＊ Inkwell and its importance.

Module 6:Â Stateless And Stateful Widgets- The Concept

＊ Stateless vs. Stateful widgets.

＊ Defining a State

＊ The setState() method.

＊ Returning to the Default Flutter App.

Module 7: Â Navigating Through Navigation

＊ Navigator and routes.

＊ Applying push() using MaterialPageRoute.

＊ Applying pop().

＊ Declaring parameter-less routes (push Named()) in Materia Lapp widget.

Module 8: Â Handling User Input

＊ Using Text Field.

＊ Handling changes to a Text Field.

＊ Pass retrieved values using Navigator.

Module 9:Â User Interface

＊ Applying Theme Data.

＊ The Basic Screen Layout.

* Applying Custom Font.

Module 10: Â Asynchronous Functions

* function.

* async and await

Module 11:Â Working With Remote Data

* The http package.

* Model Class and JSON parsing.

* Displaying Remote Data. (NEWS API).

Module 12:Â Local storage

* Shared Preferences.

Module 13:Â Using 3rd Party Packages

* The url_launcher package.

* Adding onTap() to NEWS API.

Module 14:Â Other Useful Widgets

* Grid View.

* The Hero Animation

* Stack

* Alert Dialog with buttons.

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.