Nehra Classes

Igniting The Minds

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Flutter Training (For Android & iOS Apps) Syllabus

CHAPTER 1: INTRODUCTION TO FLUTTER
Introduction
What is Flutter?
Architecture of Flutter
Material Design
Layouts
Widgets
Flutter HTTP
App Development

CHAPTER 2: INTRODUCTION TO DART
What is Dart?
Variables
Collections
Functions and Flow Controls
Handling Error

CHAPTER 3: UNIFIED APP DEVELOPMENT
Build
Beautiful App UIs
Fluid Coding Experience
Full-features Apps
Optimize
Test
Debug
Profile
Deploy
Compile
Distribution

CHAPTER 4: LAYOUTS
Container Widgets
Row/Column Widgets
List Widgets
Grid view
Stack

CHAPTER 5: FLUTTER APP DEVELOPMENT
Introduction
Scaffold
Flutter Lists
Navigation
Charts
Handling User Input
Model and User Management

CHAPTER 6: INPUT & SELECTIONS WIDGETS
Textfield
Buttons
CheckBox
Radio
Slider
Switch

CHAPTER 7: FLUTTER BASICS: LANGUAGES
Flutter Basics Introductions
Flutter & Firebase
Support Material
Variables & Primitive Types
Lists & Maps
Wrap Up

CHAPTER 8: FLUTTER: FIREBASE
Introduction
Firebase Services
Firebase Analytics
Authentication
Cloud Messaging
Growth and User Engagement

CHAPTER 9: DART PROGRAMMING LANGUAGE
Introduction
Coding Style and Naming Convention
Numbers – Integers and Doubles
Booleans
Dart – Concatenation
Dart Operators – Arithmetic
Relational Operators in Dart

CHAPTER 10: FLUTTER ANIMATIONS
Introduction
Counter Animation
Separating Animating Logic
Profile Page Animation – Introduction
Model and Data Classes
Showing Image and Backdrop Opacity

CHAPTER 11: FLUTTER AND DART
Setup Instruction
Debugging Tips & Tricks
Page Navigation
Tabs
Side Drawers
Stack-based Navigation
State Management Solutions
Handling and Validating user Input
User Authentication
Animation & Page Transitions