**Dart Course**

* Introduction
* About Flutter and Dart
* Hello, DartPad!
* Variables and Data Types
* Dart Keywords
* Dart Operators and Control Flow Statements
* Switch (Switch Operator)
* Dart List, Set, Map
* Dart Loops
* Dart Functions
* Dart Optionals
* Dart Classes and Objects
* Object-Oriented Programming (OOP)
* Error Handling and Exceptions
* Asynchronous Programming with Dart

**Flutter Course**

* Installing Flutter
* Flutter Create (Creating the First Project in Flutter)
* What is a Widget?
* Text
* Buttons (ElevatedButton, OutlinedButton, IconButton, FilledButton)
* TextField vs TextFormField (Writing Text)
* Row and Column
* Padding and Margin
* Container and SizedBox
* Navigation in Flutter
* Bottom Navigation Bar
* Layouts and Flex
* State Management Introduction
* Animations

**Advanced Dart Course**

* Dart Enumerations
* Dart Null-Safety
* Dart Mixins
* Dart Extensions
* Dart Futures
* Dart Operators
* Streams
* Concurrency
* Testing in Dart

**Flutter Widgets Course**

* Tab Bar
* ListView
* GridView
* Stack
* Icons
* ListTile
* Checkbox
* Radio
* SingleChildScrollView
* GestureDetector
* Finding Other Widgets
* Flutter Fonts
* Image (AssetImage and NetworkImage) vs Video (video\_player, flick\_video\_player)
* Drawer() and CircleAvatar()
* Changing the Logo
* Advanced Forms and Validation
* Custom Widgets
* Homework

**Package Integration Course**

* Cached Network Image
* Connectivity
* Package Info Plus
* Device Info Plus
* Flutter SVG
* URL Launcher
* Image Picker
* Shared Preferences
* Easy Localization
* Homework
* State Management Libraries

**Flutter Projects Course**

* Package Manager
* Post App Introduction
* Post App
* Post App (Part 2)
* Post App (Part 3)

**Working with Data**

* *Basic Networking*
* Fetching data from an API
* Using http package
* Parsing JSON
* *ListViews with Data*
* Building dynamic lists
* Using ListView.builder
* Displaying data in a list
* *Plugin*
* Using FlutterSecureStorage for storing tokens

**Firebase Course**

* What is Firebase?
* Integrate Firebase with Flutter
* Firebase Firestore
* Firebase Authentication
* Realtime Database
* Cloud Functions

**Firebase Advanced Course**

* Introduction
* Authentication
* Firestore 1
* Firestore 2
* Firestore 3

**Flutter Lifecycle Course**

* Flutter App Lifecycle
* Keys
* Widget Lifecycle

**SOLID Principles Course**

* SOLID (Single Responsibility)
* SOLID (Open-Closed)
* SOLID (Liskov Substitution)
* SOLID (Interface Segregation)
* SOLID (Dependency Inversion)

**State Management Course**

* Provider
* BLoC

**Architecture Course**

* Introduction to Architectures
* Clean Architecture 1pdf: ^3.11.0
* Clean Architecture 2

**Animation Course**

* Hero
* Tween
* Transform

**Additional Topics**

* Testing in Flutter
* CI/CD for Flutter