

Why Learn Flutter & Dart App development ?

Flutter is the new cross-platform mobile app development framework created by Google that allows developers to build Android and iOS apps using a single codebase, and it is the best way to develop cross-platform apps, which would otherwise require two distinct mobile development teams.

Audience Profile :

- Object oriented programming experience.

Prerequisites:

- The syntax of Dart is similar to Java, C#, JavaScript, etc. If you know any of these programming, then you can learn easily and faster.



Course Overview:

- Flutter development Course teaches you how to code using Dart and build beautiful, fast, native-quality iOS and Android apps.
- Flutter is an open-source UI framework created by Google for creating high-quality iOS and Android apps.
- Learn how to use Flutter to rapidly develop a mobile app that runs on both iOS and Android devices.
- By the end of this training, participants will be able to:
- Quickly install the framework, IDE and other tooling to start developing
- Understand and use Google's Dart language to quickly prototype a mobile app
- Test and deploy mobile apps that run on both iOS and Android using a single code base
- Customize the app using a rich set of widgets, layouts and animations

Dart Outline:

- Asks users for his name ,age and time of day
- Gives user personalized message according to his age and time of day
- Asks users for the amount of money , interest and the period
- Calculates the end money the user will get after the period
- Asks users group of questions and calculates score
- Repeats the questions in case of a wrong answer
- let users guess a city in a specific country and calculates score depending on answers
- App does not allow repeat answers
- More than one user can play the game one by one
- Asks users for a movie and prints its genre
- App calculates most searched movies or genres

Flutter Outline:

- First screen contains name, image and small bio
- Second screen contains technical skills such as programming languages
- Third screen contains my phone number by which an employer can call me
- Third screen also contains my facebook , linkedin profile or my website so that employer can reach me by mobile browser
- User enters amount, interest , period in years
- App calculates how much final amount the user will get after period
- App provides questions for user to answer from a set of answers
- App calculates score after answering all questions
- App saves user score on mobile
- App plays a success or fail sound after user answers
- App asks user questions in random order
- App asks app for his location
- App presents user location and show it on map
- App lets user view touristic places in a local database and display details
- App shows meals from the internet using web services
- App lets user sort or search by specific meal details
- App lets users view meal image or video
- App lets user view touristic places in Cloud Database and display details
- Dart Advanced Object Oriented Concepts
- Abstract classes
- Interfaces
- Mixins
- Extension methods
- Dart Generics
- Generic classes
- Generic methods

Training Solutions:

- ✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.
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