

কোর্স আউটলাইন

RAINBOW & DEVXGEO IT- 2023 DXGP-03

Day	Topic	Class Duration	Teaching Method
Day 1	Introduction	1hr	Lecture
	What is Flutter?		Lecture
	Understanding the Flutter Architecture		Lecture
	How Flutter & Dart Code Gets Compiled to Native Apps		Lecture
	Understanding Flutter Versions		Lecture
	Flutter Setup		Lecture and Lab Exercise
Day 2	Flutter Windows Setup	1hr	Lecture and Lab Exercise
	Windows Development Environment		Lecture and Lab Exercise
	Flutter & Material Design		Lecture and Lab Exercise
Day 3	Introduction	1hr	Lecture
	Widget Tree & Element Tree - What, Why and How?		Lecture and Lab Exercise
	The Material App and Scaffold widget		Lecture and Lab Exercise
	AppBar		Lecture and Lab Exercise
Day 4	Uses of Buttons	1hr	Lecture and Lab Exercise
	More widget – Text styling and decoration		Lecture and Lab Exercise
	Animations		Lecture and Lab Exercise
Day 5	Dart Basic Concept	1hr	Lecture and Lab Exercise
	Dart Statement Basic		Lecture and Lab Exercise
	Dart loop Basic		Lecture and Lab Exercise
Day 6	Row & Column Concept	1hr	Lecture and Lab Exercise
	Hot reload and Hot restart, the tricks of the trade		Lecture and Lab Exercise
Day 7	Dart Concept Of Class, Function Constructor	1hr	Lecture
	Container Full Concept		Lecture and Lab Exercise
	Running the App on an Android ,iOS		Lecture and Lab Exercise
Day 8	Understanding Error Messages & Fixing Errors	1hr	Lecture and Lab Exercise
	Using the Debugger		Lecture and Lab Exercise
	Wrapping		Lecture and Lab Exercise
Day 9	Containers and their role	1hr	Lecture and Lab Exercise
	Importing images from network and assets		Lecture and Lab Exercise
	Adding icons to widgets		Lecture and Lab Exercise
Day 10	Understanding Row and Column	1hr	Lecture and Lab Exercise
	ListView and ListTile		Lecture and Lab Exercise
Day 11	Stateless vs Stateful widgets	1hr	Lecture and Lab Exercise

	Building views using ListView.builder ,Inkwell		Lecture and Lab Exercise
Day 12	Project Submission	1 hr	Lab Exercise
	Splash Screen		Lab Exercise
Day 13	Define a 'State'. The setState Method.	1 hr	Lecture and Lab Exercise
	Dice game app		Lecture and Lab Exercise
Day 14	Tab Bar Uses &	1 hr	Lecture and Lab Exercise
	Stack Position		Lecture and Lab Exercise
Day 15	Drawer, Navigation Bar	1 hr	Lecture and Lab Exercise
	& Repeat Class		Lecture
Day 16 Assignment 1	From Previous Classes Task 1	1 hr	Project Submission
Day 17	Dart Code	1 hr	Lecture and Lab Exercise
	GridView.count , Page View		Lecture and Lab Exercise
Day 18	Applying push() & pop() using MaterialPageRoute	1 hr	Lecture and Lab Exercise
Day 19	Bottom Navigation Bar, Liquid Swipe	1 hr	Lecture and Lab Exercise
Day 20	SliverAppBar Widgets	1 hr	Lecture and Lab Exercise
	Hero Widgets		Lecture and Lab Exercise
Day 21	Using Text Field	1 hr	Lecture and Lab Exercise
	Handling changes to a Text Field		Lecture and Lab Exercise
Day 22	Modal Bottom Sheet	1 hr	Lecture and Lab Exercise
	MVC Concept		Lecture
Day 23	3D Movie App	1 hr	Lecture and Lab Exercise
	Data Pass Constructor		Lecture and Lab Exercise
Day 24	Curved Navigation Bar	1 hr	Lecture and Lab Exercise
	Applying custom Font		Lecture and Lab Exercise
Day 25	Onboarding Screen	1 hr	Lecture and Lab Exercise
Day 26	Responsive UI	1 hr	Lecture and Lab Exercise
	ScreenUtils		Lecture
	Media Query		Lecture
Day 27	Firebase Connections	1 hr	Lecture and Lab Exercise
Day 28	Firebase Data Integration's	1 hr	Lecture and Lab Exercise
Day 29	Firebase Authentication	1 hr	Lecture and Lab Exercise
Day 30	App Key Generator & Exports	1 hr	Lecture and Lab Exercise
	GitHub		Lecture and Lab Exercise
Day 31 Assignment 2	From Previous Classes Task 1	1 hr	Project Submission
Day 32	Figma or Adobe Xd Basic & Plugin	1 hr	Lecture and Lab Exercise
Day 33	Figma or Adobe Xd Prototype	1 hr	Lecture and Lab Exercise
Day 34	Figma or Adobe Xd Ecommerce UI Design	1 hr	Lecture and Lab Exercise
Day 35	Play Store Console & Uploads	1 hr	Lecture
Day 36	Freelancing Marketplace	1 hr	Lecture

Recorded Class & Source Code Lifetime Access & Many more.