

Day 1	Introduction to flutter-dart And Install flutter & Dart SDK
Task Description	

Assessment Pattern:

Sl. No.	Aspect Type (M or J)	Aspect of description	Extra aspect of description	Max. marks	Requirement (only for M)
1.	J	Clarity of Introduction	Yes - 1 No - 0	1	
2.	J	Accessibility of Resources	Yes - 1 No - 0	1	
3.	J	Interactive Elements	Yes - 1 No - 0	1	
4.	J	Update the system path to include flutter bin directory	Yes - 1 No - 0	1	
5.	J	Run commands to analyze	Yes - 1 No - 0	1	
6.	J	Install the latest Android SDK, if reported by flutter doctor	Yes - 1 No - 0	1	
7.	J	Install the latest Android Studio, if reported by flutter doctor	Yes - 1 No - 0	1	

8	J	Install Flutter and Dart Package	Yes - 1 No - 0	1	
9	J	Install Flutter Plugins	Yes - 1 No - 0	1	
10	J	Time Management	Yes - 1 No - 0	1	

Day 2	Learn Dart basics for Flutter Application (eg,.. variables, data types, control flow, functions, classes)
Task Description	

Assessment Pattern:

Sl. No.	Aspect Type (M or J)	Aspect of description	Extra aspect of description	Max. marks	Requirement (only for M)
1.	J	Include necessary header files	Yes - 1 No - 0	1	
2.	J	Declaration of Variables	Yes - 1 No - 0	1	
3.	J	Operators in C++	Yes - 1 No - 0	1	
4.	J	If-else Statement for loop	Yes - 1 No - 0	1	
5.	J	String,Array Compare	Yes - 1 No - 0	1	
6.	J	Converts a temperature from Celsius to Fahrenheit	Yes - 1 No - 0	1	
7.	J	Proper indentation of Code	Yes - 1 No - 0	1	

8	J	Compilation of Dart Program	Yes - 1 No - 0	1	
9	J	Execution of Dart Program	Yes - 1 No - 0	1	
10	J	Time Management	Yes - 1 No - 0	1	

Day 3	Dart
Task Description	

Assessment Pattern:

Sl. No.	Aspect Type (M or J)	Aspect of description	Extra aspect of description	Max. marks	Requirement (only for M)
1.	J	Include necessary header files	Yes - 1 No - 0	1	
2.	J	Declaration of Variables	Yes - 1 No - 0	1	
3.	J	Function Definition ,Declaration	Yes - 1 No - 0	1	
4.	J	Function Call, return Statement	Yes - 1 No - 0	1	
5.	J	Pointer Declaration	Yes - 1 No - 0	1	
6.	J	Pointer to Function	Yes - 1 No - 0	1	
7.	J	Proper indentation of Code	Yes - 1 No - 0	1	
8	J	Compilation of Dart Program	Yes - 1 No - 0	1	
9	J	Execution of Dart Program	Yes - 1 No - 0	1	
10	J	Time Management	Yes - 1 No - 0	1	

Day 4	Flutter basics (stateful, stateless, scaffold, row, column)
Task Description	

Assessment Pattern:

Sl. No.	Aspect Type (M or J)	Aspect of description	Extra aspect of description	Max. marks	Requirement (only for M)
1.	J	Import Flutter Package	Yes - 1 No - 0	1	
2.	J	Understand basics Flutter	Yes - 1 No - 0	1	
3.	J	What is Stateful Widgets	Yes - 1 No - 0	1	
4.	J	checkboxes, radio buttons, sliders, form inputs, etc	Yes - 1 No - 0	1	
5.	J	What is Stateless Widgets	Yes - 1 No - 0	1	
6.	J	Text, Icon, and RaisedButton Widgets.	Yes - 1 No - 0	1	
7.	J	Life Cycle of Stateful Widgets	Yes - 1 No - 0	1	
8	J	Life Cycle of Stateless Widgets	Yes - 1 No - 0	1	
9	J	Difference between Stateful and Stateless	Yes - 1 No - 0	1	
10	J	Time Management	Yes - 1 No - 0	1	

Day 5	AppBar, Container, Elevated Button, Icon, Image, Text
Task Description	

Assessment Pattern:

Sl. No.	Aspect Type (M or J)	Aspect of description	Extra aspect of description	Max. marks	Requirement (only for M)
1.	J	Import Flutter Package	Yes - 1 No - 0	1	
2.	J	Understand basics Flutter	Yes - 1 No - 0	1	
3.	J	AppBar widget	Yes - 1 No - 0	1	
4.	J	Flutter widget	Yes - 1 No - 0	1	
5.	J	Flutter icon	Yes - 1 No - 0	1	
6.	J	Image	Yes - 1 No - 0	1	
7.	J	Alignment, AlignmentGeometry for Image	Yes - 1 No - 0	1	
8	J	width, height, double for Image	Yes - 1 No - 0	1	
9	J	Execution	Yes - 1 No - 0	1	
10	J	Time Management	Yes - 1 No - 0	1	