Week 3

Domain: Flutter

Week Technical Workout Schedule:

Day	Topics	ASSIGNMENT
1	- What is Flutter? - Key Features of Flutter - Advantage of Flutter & Disadvantages of Flutter - Install the Flutter SDK & Android Studio - create Flutter application - Understanding the Project Structure - check the structure of the Flutter project application and its purpose	- Learn how to create a flutter project using command prompt.
2	- Have a clear idea about Widgets - stateless and stateful widgets - Scaffold MaterialApp - Basic widgets to style a static UI like Text, Container, Row, Column, Asset Image, Network Image, Stack SizedBox ,TextField ,Icon - different types of buttons in Flutter GestureDetector Inkwell Button	Have a clear idea about Widgets, Dialogue Boxes, Alerts and Pop ups. Complete one or two sample works

	● Expanded , Flexible,Align,Positioned	
3	● Flutter Navigation and Routing ● Navigator methods ● MediaQuery ● **flutter life cycle** ● https://medium.flutterdevs.com/app-lifecycle-in-flutter-c248d894b830	● create two or more screens ● to move from the current screen to a new screen ● Create a simple Flutter app that displays a list of your favorite movies Use a **ListView.builder** to display a list of movie names
4	● Make A sample Login Application ● The Login Application must have Three pages. One is SplashScreen page, second Login screen third one Home screen ● Login page must have two text fields, username and password.It will accept username and password from the user. ● Username and password should be validated with a predefined value	● Make a project like Login screen having predefined user name and password, if user eneter correct password, going to home page, else make a popup in wrong password

5	- If It's correct , directly going to the homepage, else make a popup like incorrect username and password. - In the Home page, make a List view items, add anyList of sample dummy details. - Add the Logout button in the Homepage. Once Click the logout button, it redirects to the login page. . - Clear about the page Navigation in flutter. Once a user login successfully, then the user clicks the back button, the login page shouldnt be loaded .	
6	- Complete pending tasks and learn about more widgets - https://www.youtube.com/watch?v=kj_tldMmu4w&list=PL82uaKJraAILRBFE1XhCyfvu-Fclc6vv1 - https://www.youtube.com/@createdbykoko - https://youtu.be/M9J-JJOuyE0	