

# Flutter Project Guidelines

1. Every app contains a Splash Screen.
2. Proper naming for
  - **Presentation:** widgets, states, and controllers
  - **Application:** services
  - **Domain:** models
  - **Data:** repositories, data sources, and DTOs (data transfer objects)
  - **Screens:** Screen /UI of the app.
  - **Cloud Functions:** Cloud functions used in the app.
  - **Assets:** Static assets for the app.
  - **Providers:** Interactions outside the app.
  - **Utilities:** Function or logic used in the app.
  - **Widgets:** Widgets / Layouts used in the app.
3. Design should compatible for all screen size and versions.
4. Include runtime permissions .
5. Should obey proper naming conversions.
6. Must contain at least 8 screens.
7. Code reusability and code optimization.
8. Proper memory management
9. Maintain general data and functions in a single file.
10. Implementation of web service.
11. Using local data storage system like Shared preference, SQFLite etc..
12. Maintain proper workflow.
13. Proper validation messages needed.
14. Maintain proper loading view while calling web service.
15. Maintain proper login and logout section.

16. Avoid crashing.
17. Include Sharing options like gmail,sms,whatsapp..etc .
18. File uploading and File downloading(JSON includes these operations).
19. Functionality : These criteria ensure that the app provides the expected functional behavior, with the appropriate level of permissions.
20. Must to include following Functionalities :-
  - SQFLite
  - Shared Preference
  - Firebase
  - Social media integration
21. Integration of Facebook : Integrating your website or web app with Facebook makes it more social. From simple features such as the Like Button , Facebook Login etc.

OR

22. Integration of Twitter : Twitter for Websites is a suite of tools bringing Twitter content and functionality to your web pages and apps like Login , enabling the Twitter audience to share your content, and follow your Twitter accounts.

OR

23. Integration of Linked-In : A quick way to drop LinkedIn functionality into your website like Login, Share etc .

OR

24. Integration of Google+ : To allow users to sign in by Google Sign-in into websites,Google map integration .
25. Integrating Google map
26. Location Tracking using GPS
27. JSON Web service
28. SRS and Time estimation.