**Storage in Flutter**

SHARED PREFERENCES:

1. Shared preferences provides a quick interface to save and retrieve small data in a **key-value pair**.
2. Android platform stores the applications shared preferences in an XML file with private access to the application.

Pros:

1. Just a few lines of code required to manipulate data.
2. Unless the application is uninstalled or data is cleared from settings, data persists in the application.

Cons:

1. Storing large amount of data affects the speed of the application.
2. Cannot store image, Audio or video.

INTERNAL FILE STORAGE:

1. The internal storage directory is private to your application and the data cannot be accessed by other applications.
2. The data is removed as soon as application is uninstalled.

Pros:

1. Data access is private.
2. The data in the internal storage cannot be accessed by the user or other applications.

Cons:

1. Cannot store files larger than 1 mb.
2. Cannot store large amount of data.

SQflite:

1. SQflite is an implementation of SQLite for flutter.
2. The complete control over the database, queries and relationships.

Pros:

1.Easily read by third parties that can open SQLite databases.

2.A very efficient SQLite database for the app.

Cons:

1.Writing queries by hand take time.

2.Database size is restricted in most cases.