

Save Training Data



Simone Alessandria

Author, Trainer and Proud Developer

www.softwarehouse.it



int
double
boolean
String
List<String>

SharedPreferences Data



Using SharedPreferences

sp.dart

```
//get a SharedPreferences instance  
SharedPreferences sp = await  
    SharedPreferences.getInstance();
```

```
//setter  
await sp.setString('suggestionKey', 'Take the red  
pill');
```

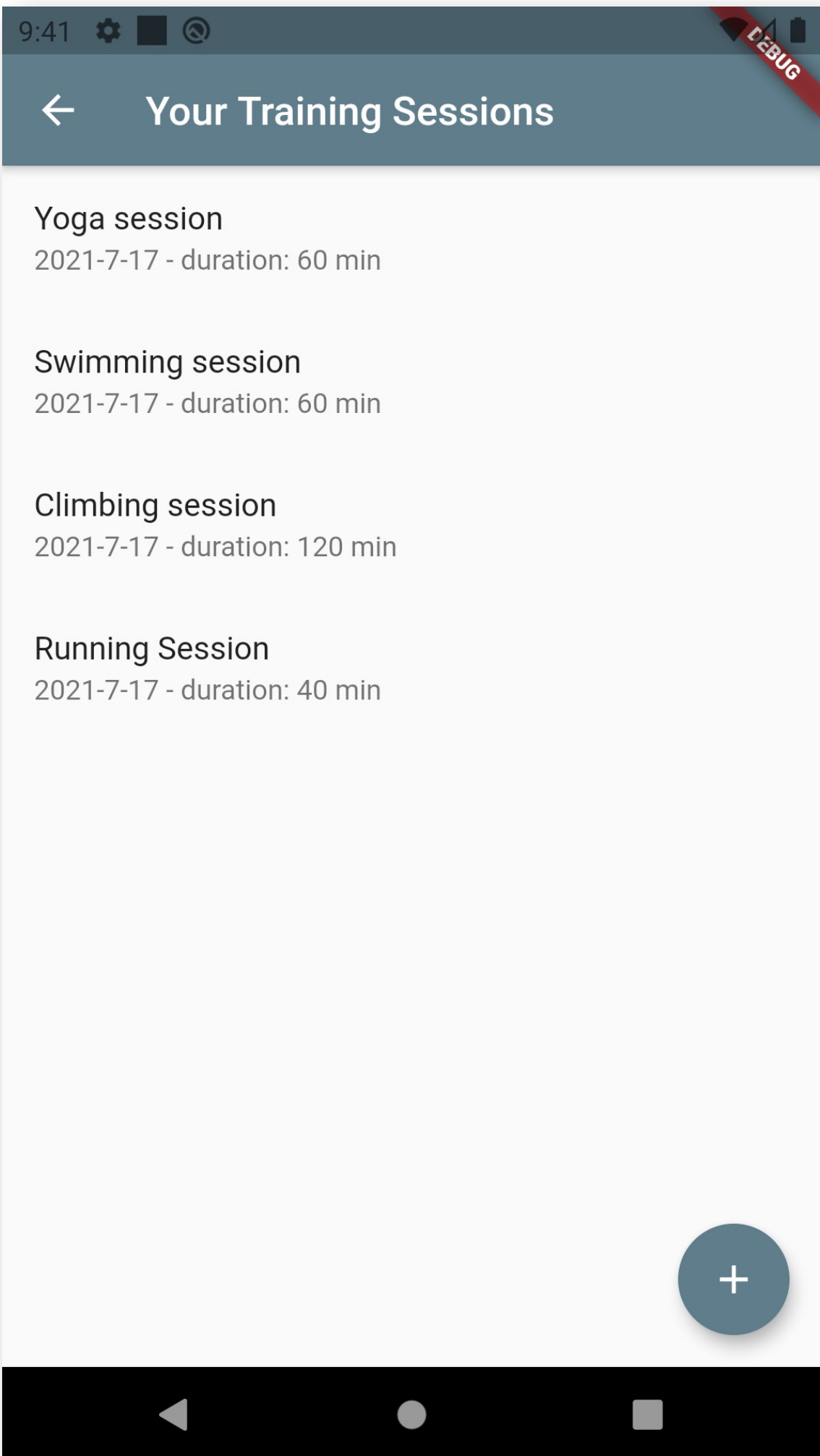
```
//getter  
String myStringValue = sp.getString('suggestionKey');
```

```
//delete  
bool isDeleted = await sp.remove('key');
```

SharedPreferences methods

Data Type	Read (get)	Write (set)
int	getInt(key)	setInt(key, value)
double	getDouble(key)	setDouble(key, value)
bool	getBool(key)	setBool(key, value)
String	getString(key)	setString(key, value)
List<String>	getStringList(key)	setStringList(key, listOfvalues)





Use a FloatingActionButton for the primary action in your screen

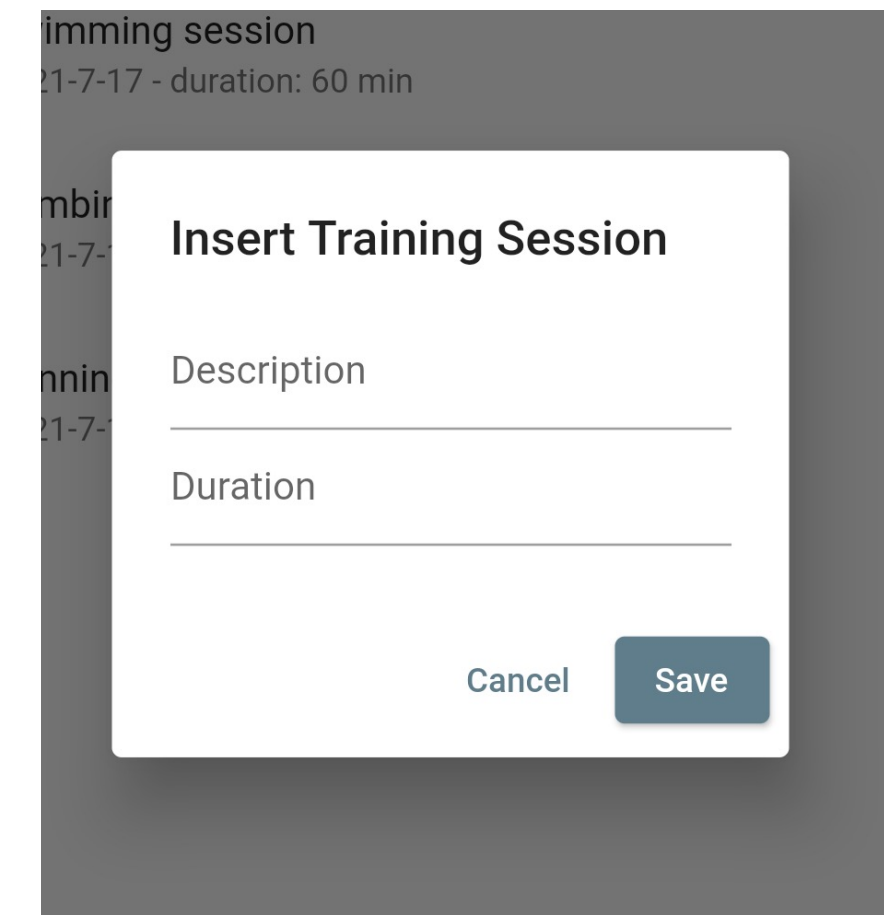


AlertDialog

Give information

Require action

Ask for feedback or data



The screenshot shows a dark-themed application interface with a list of items. A white AlertDialog is centered on the screen. The dialog has a title bar that says "Insert Training Session". Below the title, there are two text input fields: "Description" and "Duration". At the bottom right of the dialog, there are two buttons: "Cancel" and "Save". The "Save" button is highlighted with a blue background.



```
AlertDialog(  
  title: Text('Insert Training Session'),  
  content: Container(...)  
  actions: [  
    ElevatedButton(  
      onPressed: saveSession,  
      child: Text('Save')),  
  ],  
);
```

◀ **title:** main text in the AlertDialog

◀ **content:** any Widget

◀ **actions:** require some feedback from users

Dismissible

Widget implementing the “swipe to dismiss” pattern



Summary



Persisting data

SharedPreferences

Maps, Serialization and Deserialization

Widgets

- FloatingActionButton
- Dismissible



Course Summary



Create and Run a Flutter App

Stateless and Stateful Widgets

Navigation

Packages

Retrieving Data from Web Services

SharedPreferences





More information

Creating Layouts with Flutter

Simone Alessandria





More information

Managing State in Flutter

Mike Van Sickle





More information

Persisting Data Locally with Flutter

Simone Alessandria

