

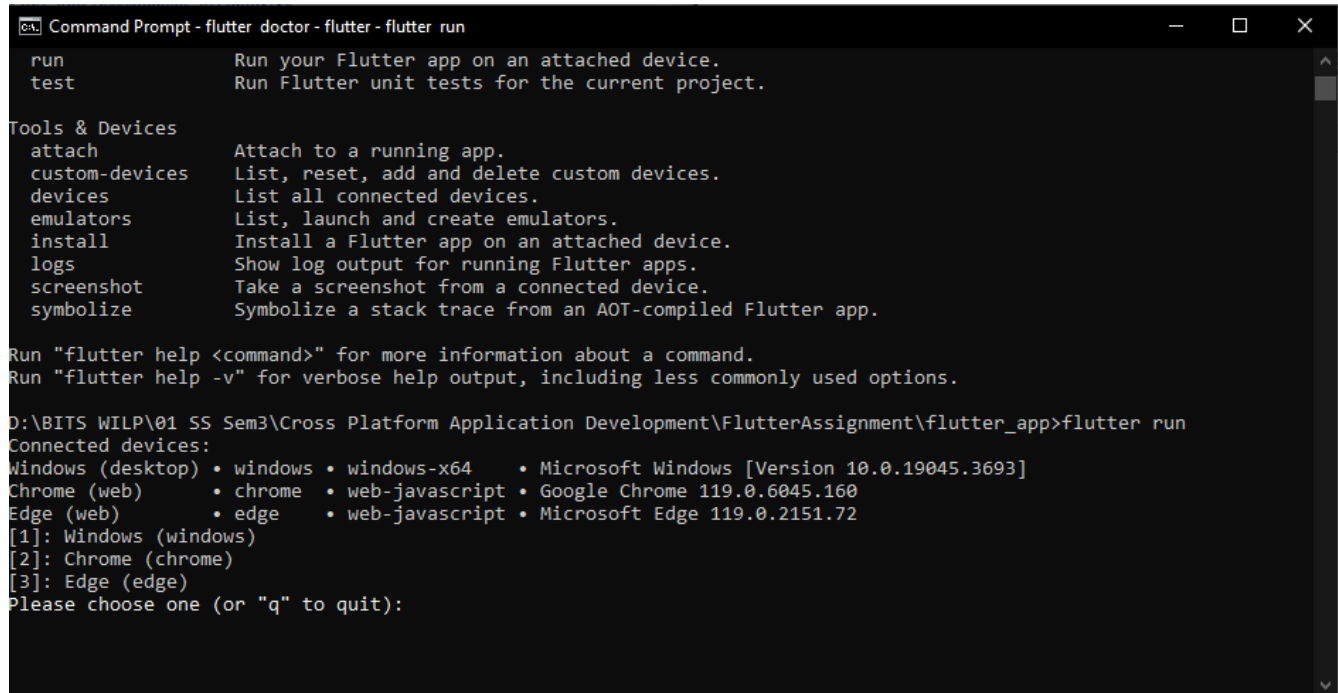
M. Tech. in Software Engineering
Cross Platform Application Development
SEZG585

Flutter App with Back4app Integration

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Github Link: https://github.com/2022mt12338/CPAD_Assign1

1. Open command prompt and Navigate to your project path :



```
Command Prompt - flutter doctor - flutter - flutter run

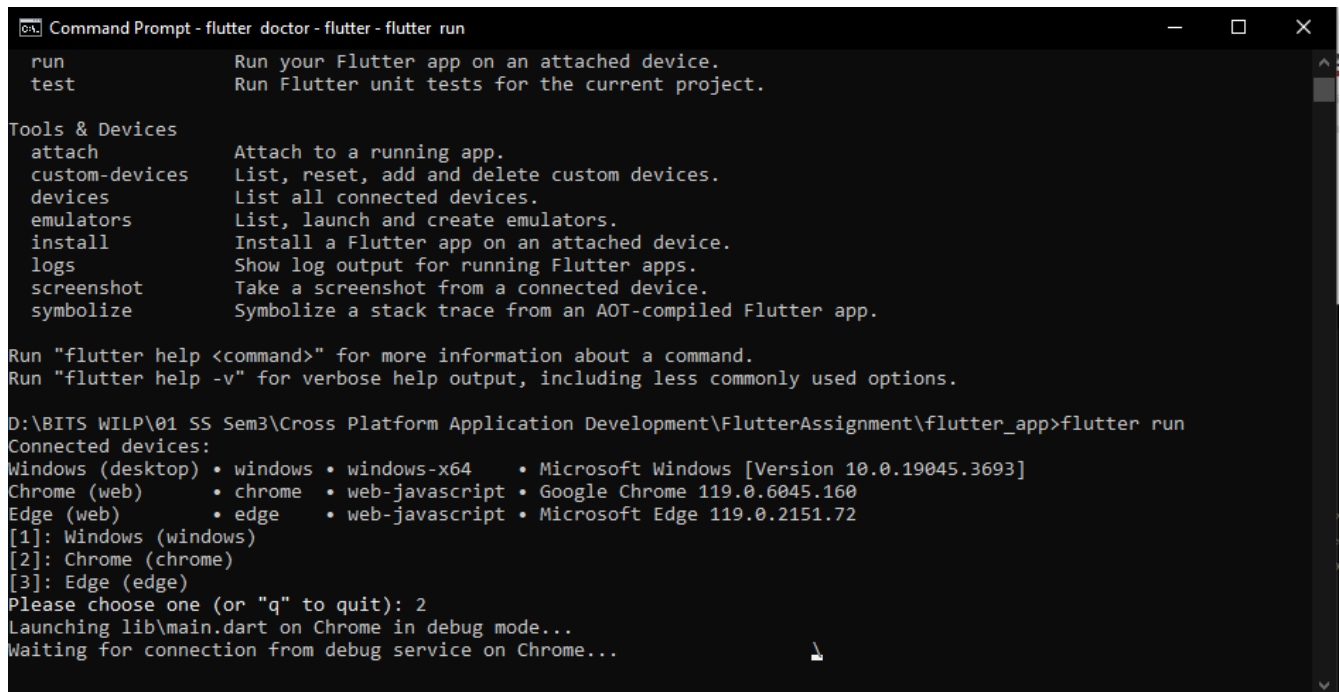
run          Run your Flutter app on an attached device.
test         Run Flutter unit tests for the current project.

Tools & Devices
attach       Attach to a running app.
custom-devices List, reset, add and delete custom devices.
devices      List all connected devices.
emulators    List, launch and create emulators.
install      Install a Flutter app on an attached device.
logs         Show log output for running Flutter apps.
screenshot   Take a screenshot from a connected device.
symbolize    Symbolize a stack trace from an AOT-compiled Flutter app.

Run "flutter help <command>" for more information about a command.
Run "flutter help -v" for verbose help output, including less commonly used options.

D:\BITS WILP\01 SS Sem3\Cross Platform Application Development\FlutterAssignment\flutter_app>flutter run
Connected devices:
Windows (desktop) • windows • windows-x64 • Microsoft Windows [Version 10.0.19045.3693]
Chrome (web)      • chrome • web-javascript • Google Chrome 119.0.6045.160
Edge (web)        • edge • web-javascript • Microsoft Edge 119.0.2151.72
[1]: Windows (windows)
[2]: Chrome (chrome)
[3]: Edge (edge)
Please choose one (or "q" to quit):
```

2. And run the app with “flutter run” and select the device to run the app (Select 2: Chrome Browser):



```
Command Prompt - flutter doctor - flutter - flutter run

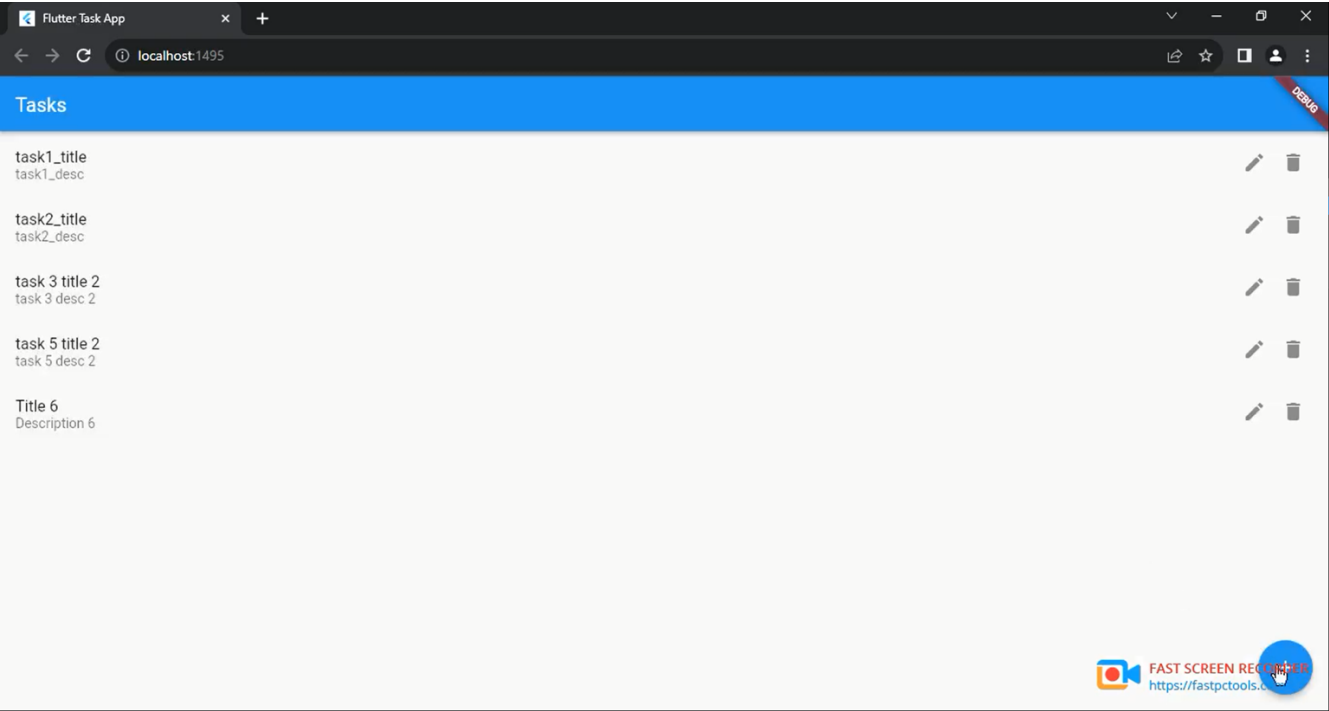
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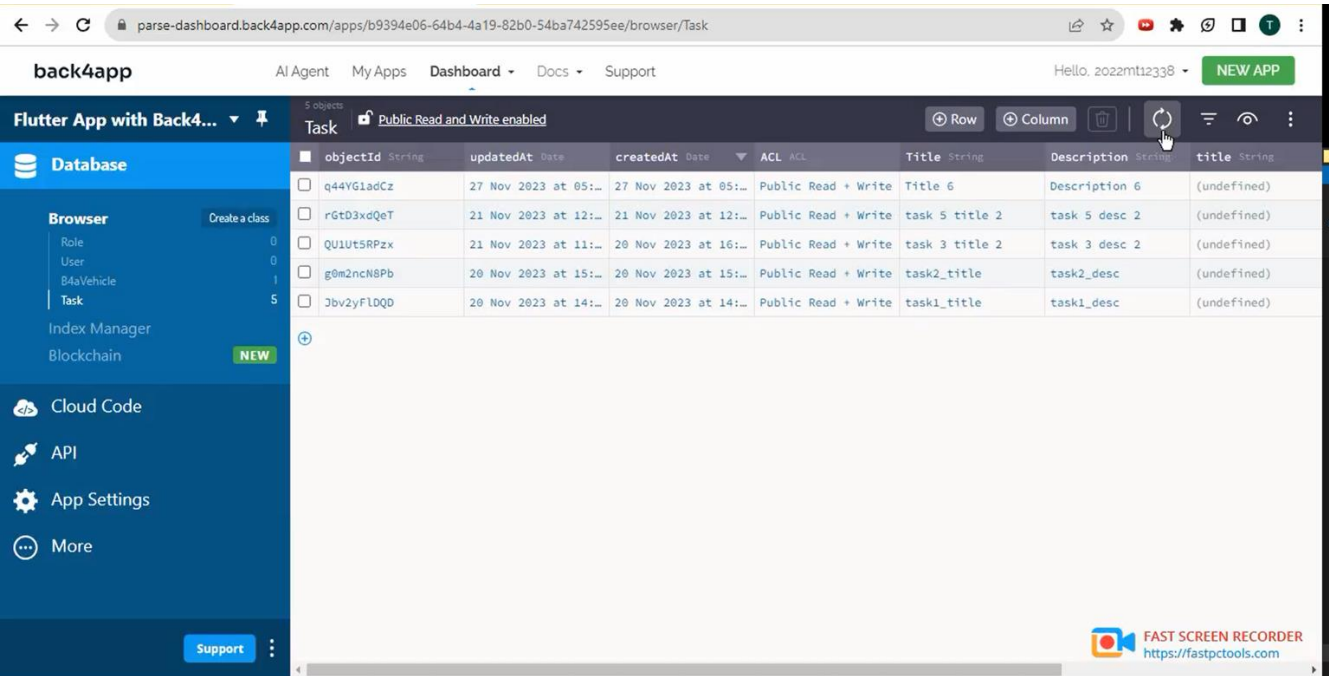
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[1]: Windows (windows)
[2]: Chrome (chrome)
[3]: Edge (edge)
Please choose one (or "q" to quit): 2
Launching lib\main.dart on Chrome in debug mode...
Waiting for connection from debug service on Chrome...
```

3. Applications opens in Chrome as below shown:
(Additional feature 1: Displaying Existing object from the Back4App)



4. Before any addition in the Back4App, in the DB -



5. Click on Add and enter the Title and Description :

Flutter Task App

localhost:1495

← Add New Task

Title
Title 7

Description
Desc 7

Save Task

DEBUG

FAST SCREEN RECORDER
https://fastpctools.com

6. Added in the Back4App:

back4app

AI Agent My Apps Dashboard Docs Support

Hello, 2022mt12338 NEW APP

Flutter App with Back4... Task Public Read and Write enabled

Database

Browser Create a class

Role 0

User 0

B4aVehicle 1

Task 5

Index Manager

Blockchain NEW

Cloud Code

API

App Settings

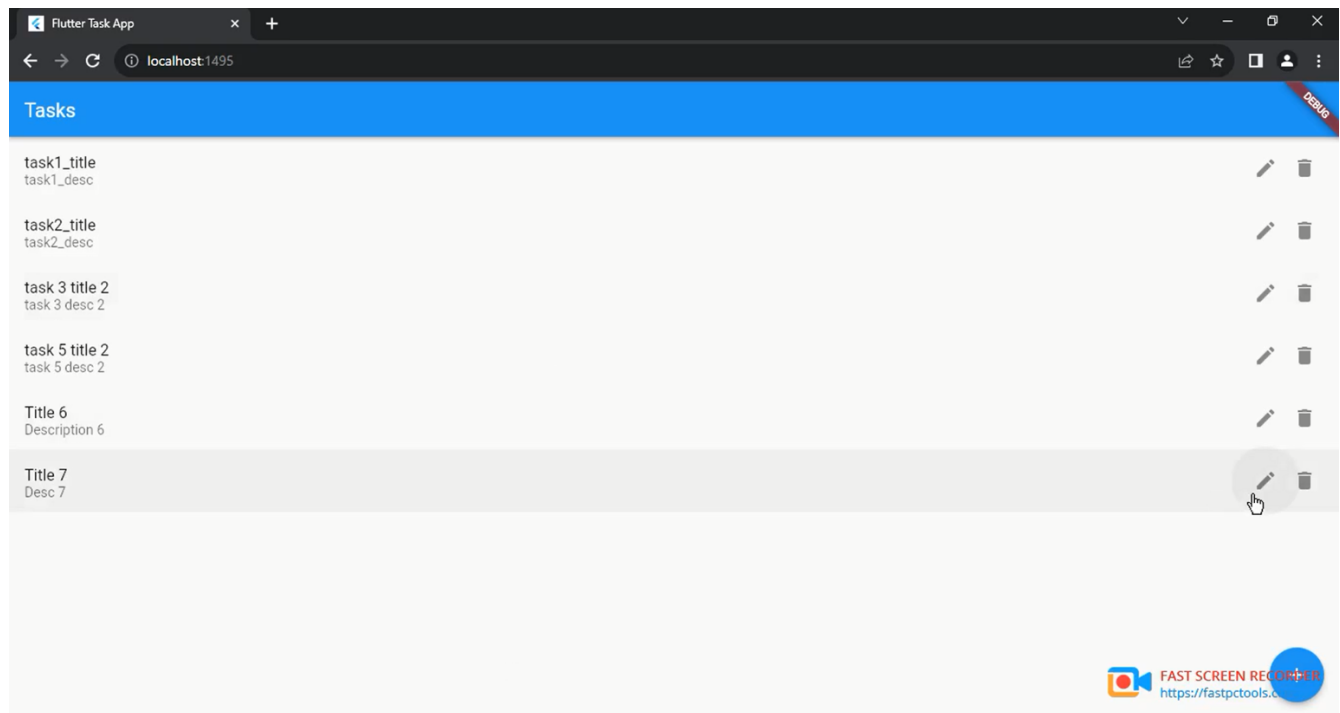
More

Support

objectId	updatedAt	createdAt	ACL	Title	Description	title
<input checked="" type="checkbox"/> XC0tc6W5yj	27 Nov 2023 at 07:...	27 Nov 2023 at 07:...	Public Read + Write	Title 7	Desc 7	(undefined)
<input type="checkbox"/> q44YG1adCz	27 Nov 2023 at 05:...	27 Nov 2023 at 05:...	Public Read + Write	Title 6	Description 6	(undefined)
<input type="checkbox"/> rGtD3xdQeT	21 Nov 2023 at 12:...	21 Nov 2023 at 12:...	Public Read + Write	task 5 title 2	task 5 desc 2	(undefined)
<input type="checkbox"/> QU1Ut5RPzx	21 Nov 2023 at 11:...	20 Nov 2023 at 16:...	Public Read + Write	task 3 title 2	task 3 desc 2	(undefined)
<input type="checkbox"/> g0m2ncN8Pb	20 Nov 2023 at 15:...	20 Nov 2023 at 15:...	Public Read + Write	task2_title	task2_desc	(undefined)
<input type="checkbox"/> Jbv2yF1DQD	20 Nov 2023 at 14:...	20 Nov 2023 at 14:...	Public Read + Write	task1_title	task1_desc	(undefined)

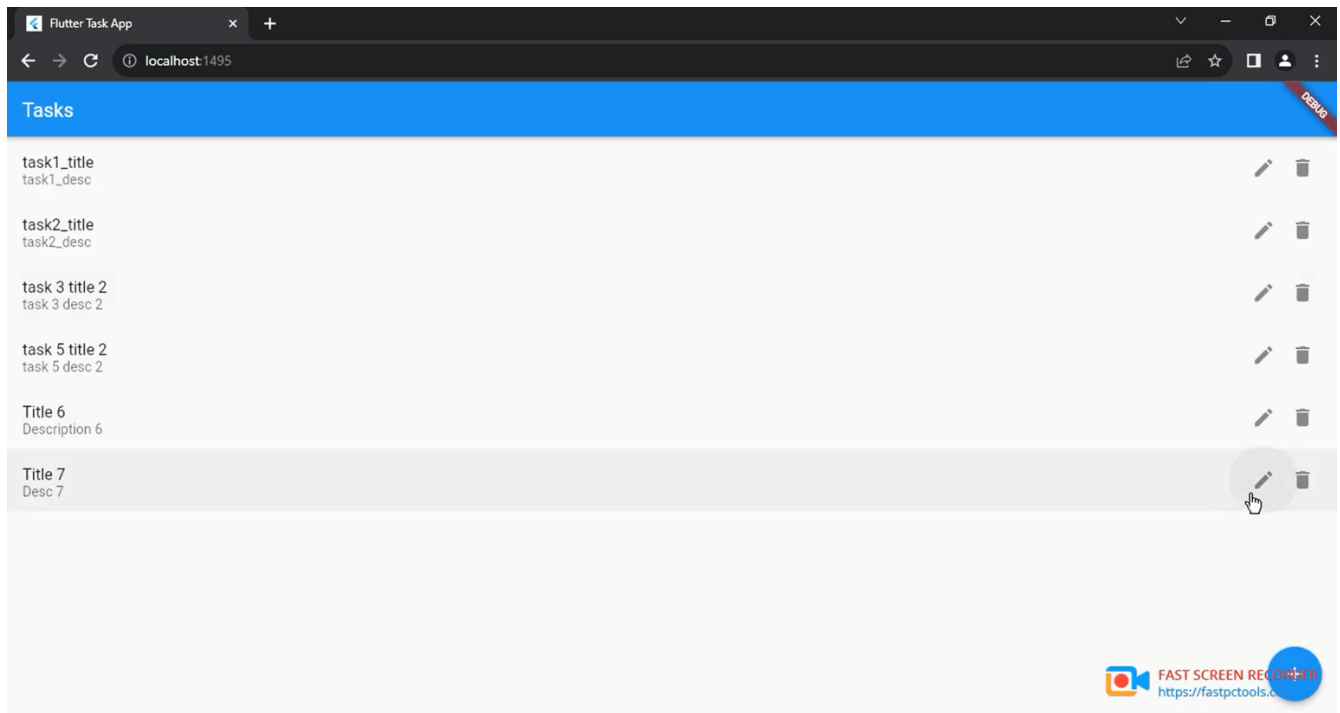
FAST SCREEN RECORDER
https://fastpctools.com

7. Also displaying the main page of the Application:

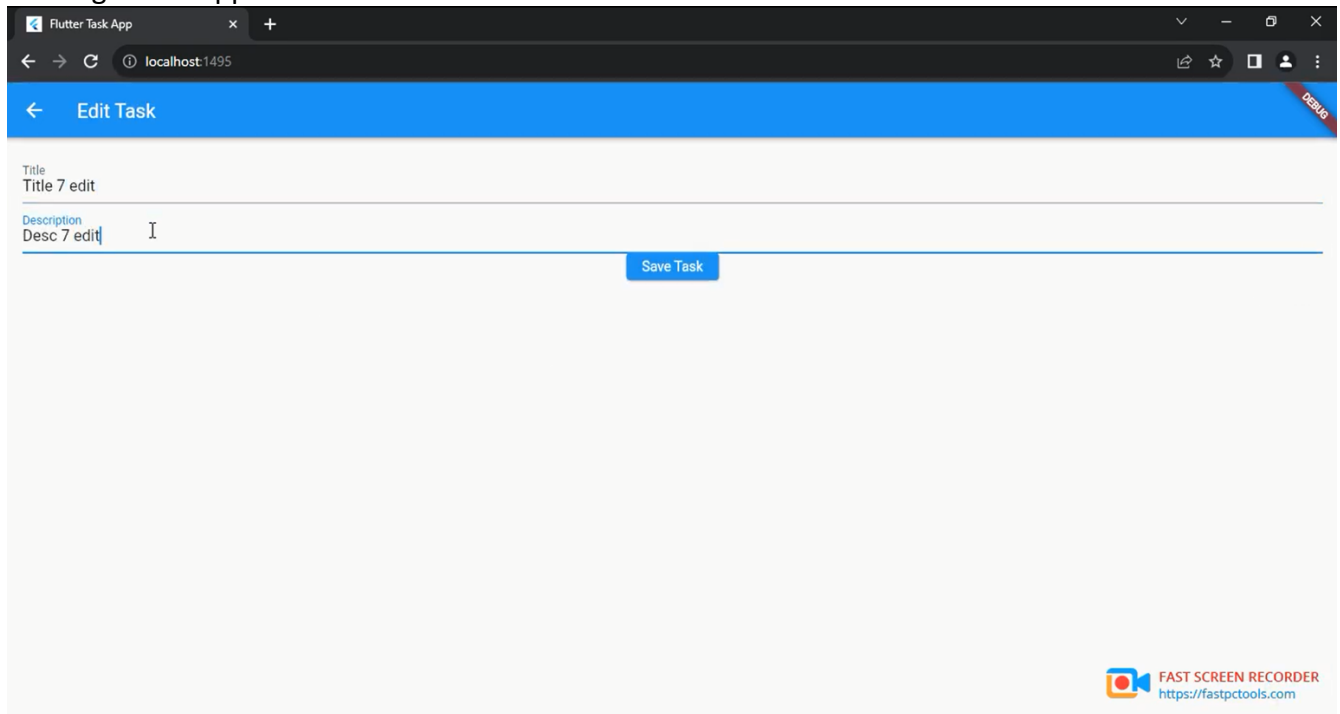


Additional Features :

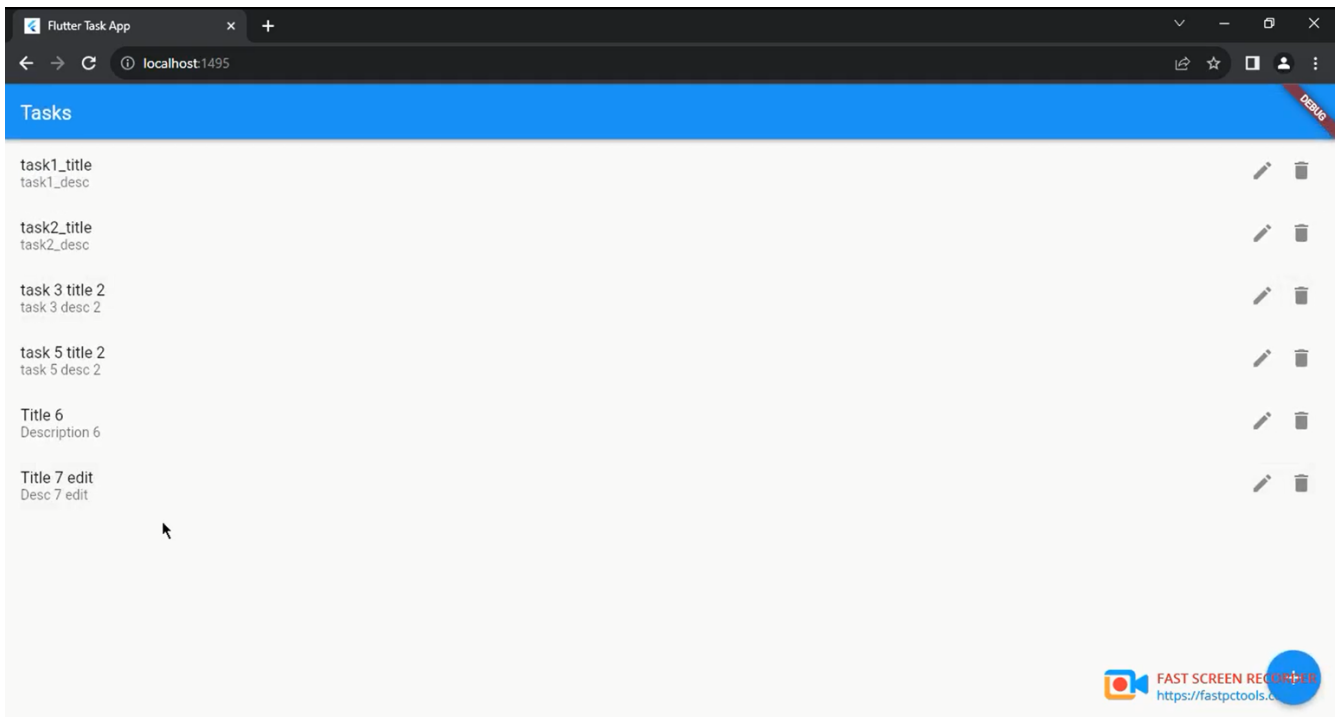
1. Edit feature (Editing the existing Object) -



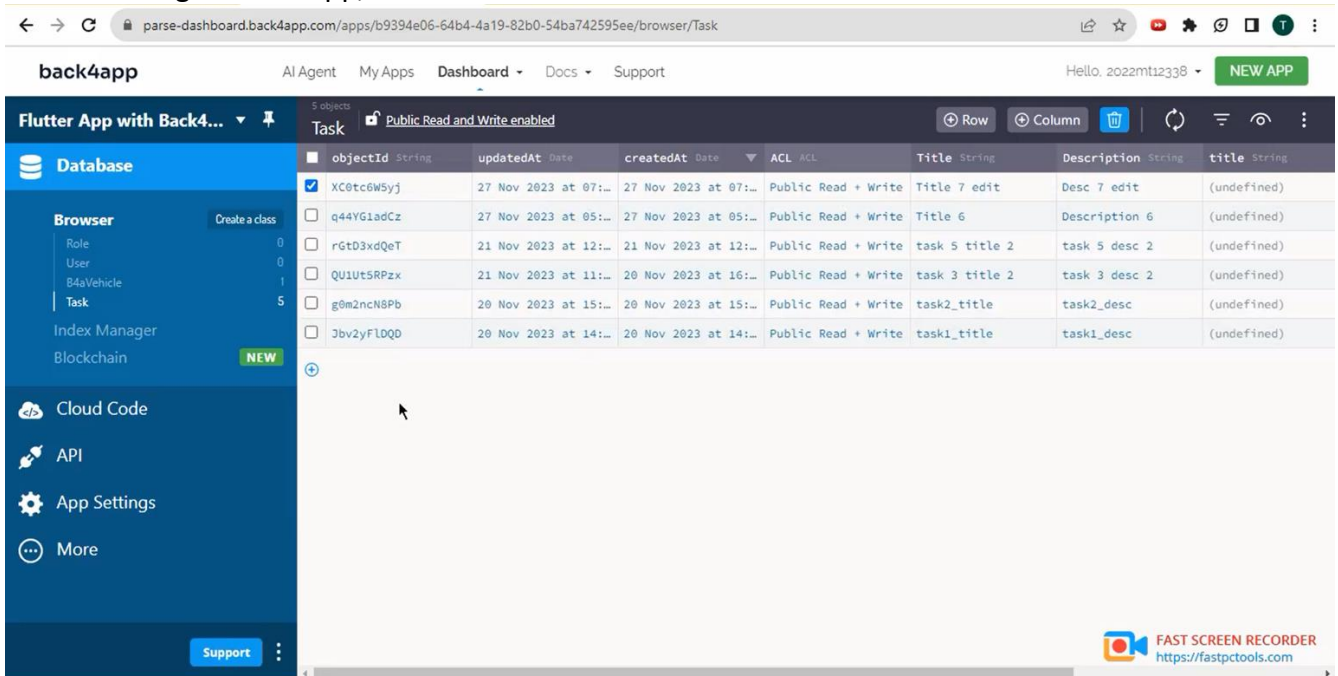
Editing in the Application -



Edited changes reflecting in the main page of the Application-

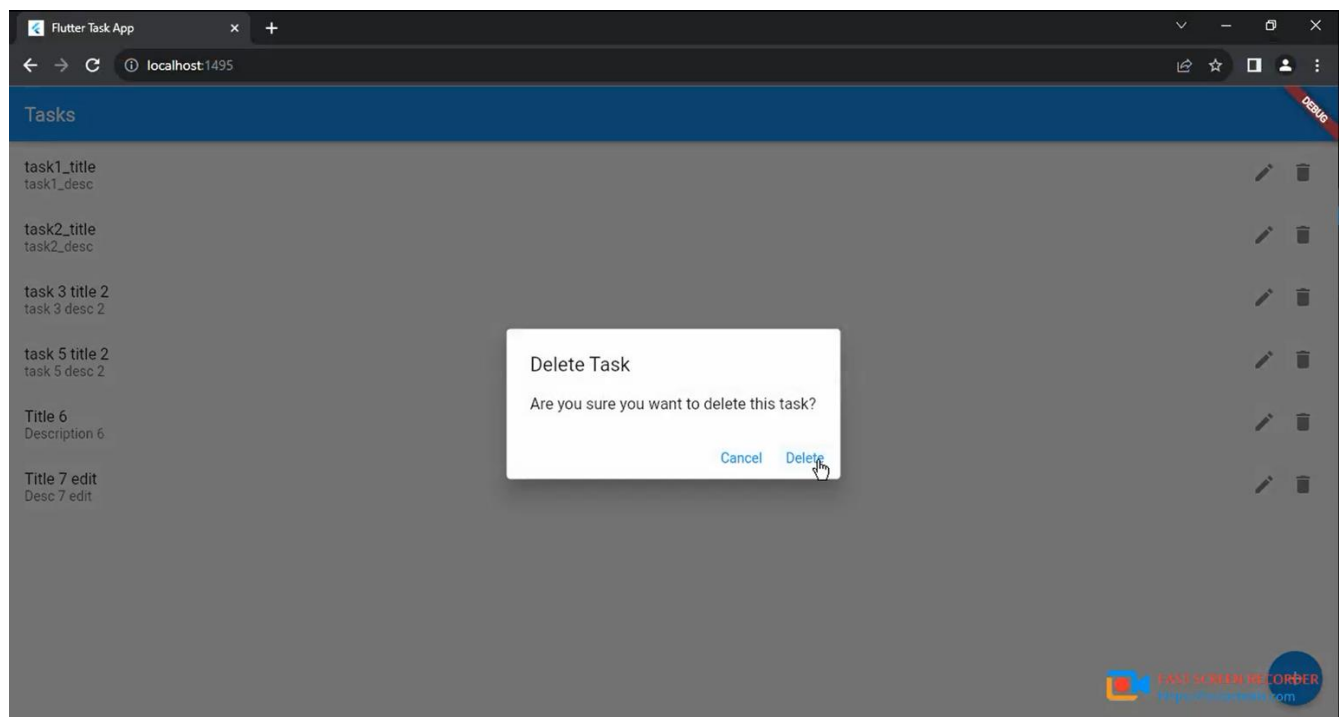
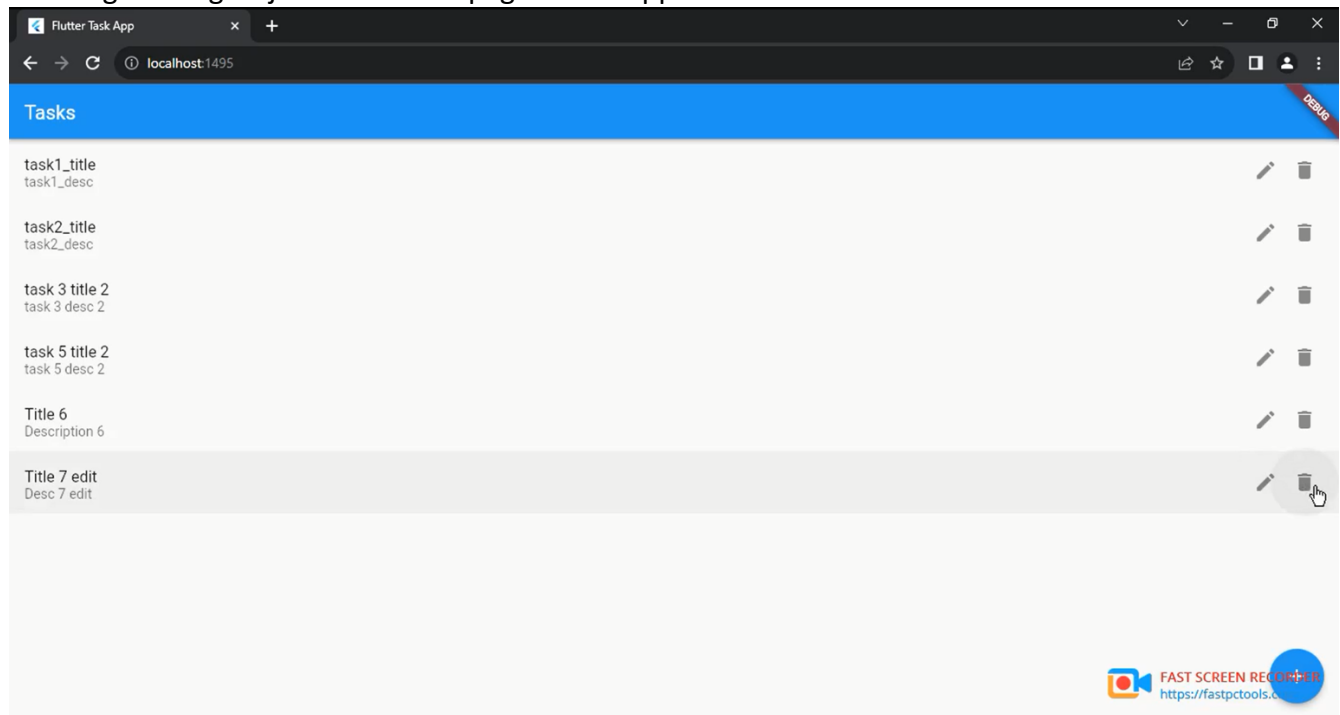


Also reflecting in Back4App, DB-

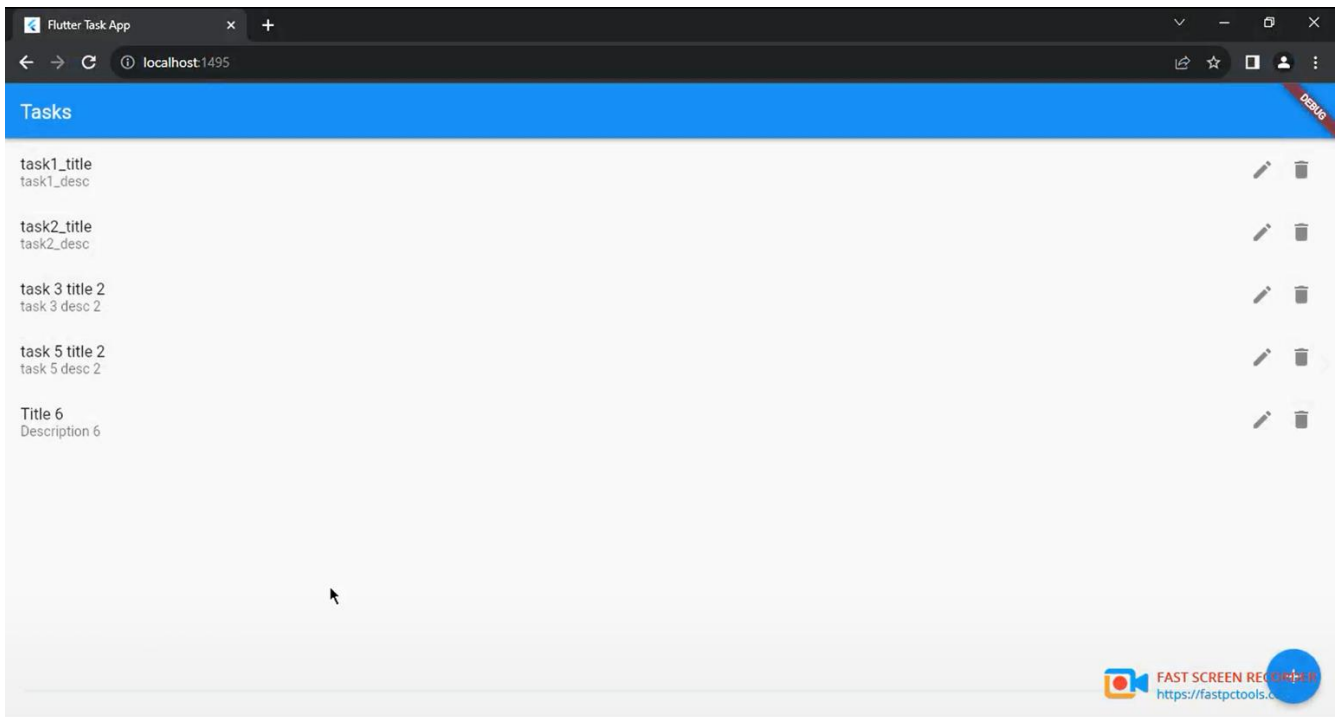


2. Delete Feature -

Deleting existing Object from Main page of the Application -



Deleted from Main page of the Application -



Also deleted from the Back4App, DB -

