import 'package:cloud\_firestore/cloud\_firestore.dart';

import 'package:flutter/material.dart';

import 'package:todoapps/model/checkbox\_state.dart';

class HomePage extends StatefulWidget {

const HomePage({Key? key, required this.title}) : super(key: key);

final String title;

@override

\_HomePageState createState() => \_HomePageState();

}

class \_HomePageState extends State<HomePage> {

CheckboxState input = CheckboxState(

text: '',

value: false,

);

@override

Widget build(BuildContext context) {

FirebaseFirestore firestore = FirebaseFirestore.instance;

CollectionReference todos = firestore.collection("todos");

return Scaffold(

appBar: AppBar(

title: const Text('My Todos'),

),

body: ListView(children: [

/// VIEW DATA HERE

/// The attempt to fecth data from firestore, streamingly

StreamBuilder<QuerySnapshot>(

stream: todos.snapshots(),

builder: (context, snapshot) {

return Column(

children: snapshot.data!.docs

.map((e) => Dismissible(

key: UniqueKey(),

child: Card(

elevation: 4,

child: CheckboxListTile(

title: Text(e.get('todos')),

value: e.get('isChecked'),

onChanged: (value) {

setState(() {

// value = !value!;

todos

.doc(e.id)

.update({'isChecked': value});

});

})),

onDismissed: (direction) => todos.doc(e.id).delete()))

.toList(),

);

})

]),

floatingActionButton: FloatingActionButton(

onPressed: () {

showDialog(

context: context,

builder: (context) {

return AlertDialog(

shape: RoundedRectangleBorder(

borderRadius: BorderRadius.circular(10)),

title: const Text('Add Todos'),

content: TextField(

onChanged: (String value) {

input.text = value;

},

),

actions: <Widget>[

TextButton(

onPressed: () {

/// ADD DATA HERE

todos.add(

{'todos': input.text, 'isChecked': input.value});

input = CheckboxState(text: '', value: false);

Navigator.of(context).pop();

},

child: const Text('Add'))

],

);

});

},

child: const Icon(

Icons.add,

color: Colors.white,

),

),

);

}

}