import 'package:firebase\_integration/Pages/home.dart';  
import 'package:flutter/material.dart';  
import 'package:firebase\_auth/firebase\_auth.dart';  
  
  
class LoginPage extends StatefulWidget {  
 @override  
 \_LoginPageState createState() => \_LoginPageState();  
}  
  
class \_LoginPageState extends State<LoginPage> {  
 String \_email,\_password;  
 final GlobalKey<FormState> \_formKey = GlobalKey<FormState>();  
 @override  
 Widget build(BuildContext context) {  
 return Scaffold(  
 appBar: AppBar(  
 title: Text("Sign In"),  
 ),  
 body: Form(  
 key: \_formKey,  
 child: Column(  
 children: <Widget>[  
 TextFormField(  
 validator:(input){  
 if(input.isEmpty){  
 return 'Please type an email';  
 }  
 },  
 onSaved: (input) => \_email = input,  
 decoration: InputDecoration(  
 labelText: 'Email'  
 ),  
 ),  
  
 TextFormField(  
 validator:(input){  
 if(input.length < 6){  
 return 'Your password needs to be atleast 6 characters';  
 }  
 },  
 onSaved: (input) => \_password = input,  
 decoration: InputDecoration(  
 labelText: 'Password'  
 ),  
 obscureText: true,  
 ),  
 RaisedButton(  
 onPressed: signIn,  
 child: Text('Sign In'),  
 )  
 ],  
 ),  
 ),  
 );  
 }  
  
 Future<void> signIn()async{  
 final formState = \_formKey.currentState;  
 if(formState.validate()) {  
 formState.save();  
 try {  
 FirebaseUser user = await FirebaseAuth.instance.signInWithEmailAndPassword(email: \_email, password: \_password);  
 Navigator.*push*(context, MaterialPageRoute(builder: (context) => Home(user: user) ));  
 //*TODO Navigate to home* }catch (e){  
 print(e.message);  
 }  
  
 }  
 }  
}