MPL exp4 Screenshots

```dart
import 'package:flutter/material.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'login_page.dart';

void main() {
 runApp(MyApp());
}

class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     debugShowCheckedModeBanner: false,
     home: HomePage(),
   );
 }
}

class HomePage extends StatefulWidget {
 @override
 _HomePageState createState() => _HomePageState();
}

class _HomePageState extends State<HomePage> {
 final _formKey = GlobalKey<FormState>();
 final TextEditingController nameController = TextEditingController();
 final TextEditingController emailController = TextEditingController();
 final TextEditingController passwordController = TextEditingController();

 void _submitForm() {
   if (_formKey.currentState!.validate()) {
     String name = nameController.text;
     String email = emailController.text;
     String password = passwordController.text;

     // Show entered data in a dialog
     showDialog(
       context: context,
       builder: (context) {
         return AlertDialog(
           title: Text("Submitted Data"),
           content: Text("Name: $name\nEmail: $email\nPassword: $password"),
           actions: [
             TextButton(
               onPressed: () {
                 Navigator.of(context).pop();
```

```dart
          },
          child: Text("OK"),
        ),
      ],
    );
  },
  );
}
}


@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(title: Text('Interactive Form')),
    body: Padding(
      padding: EdgeInsets.all(16.0),
      child: Form(
        key: _formKey,
        child: Column(
          children: [
            TextFormField(
              controller: nameController,
              decoration: InputDecoration(labelText: "Name"),
              validator: (value) {
                if (value == null || value.isEmpty) {
                  return "Please enter your name";
                }
                return null;
              },
            ),
            SizedBox(height: 10),
            TextFormField(
              controller: emailController,
              decoration: InputDecoration(labelText: "Email"),
              keyboardType: TextInputType.emailAddress,
              validator: (value) {
                if (value == null || value.isEmpty) {
                  return "Please enter your email";
                } else if
(!RegExp(r"^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$")
                    .hasMatch(value)) {
                  return "Enter a valid email";
                }
                return null;
              },
            ),
            SizedBox(height: 10),
            TextFormField(
              controller: passwordController,
```

```dart
        decoration: InputDecoration(labelText: "Password"),
        obscureText: true,
        validator: (value) {
          if (value == null || value.isEmpty) {
            return "Please enter your password";
          } else if (value.length < 6) {
            return "Password must be at least 6 characters long";
          }
          return null;
        },
      ),
      SizedBox(height: 20),
      ElevatedButton(
        onPressed: _submitForm,
        child: Text("Submit"),
      ),
    ],
  ),
  ),
  ),
);
}
}
```