FACULTY OF ENGINEERING AND TECHNOLOGY

Department of Computer Engineering

01CE0610 – APP DEVLOPMENT USING FLUTTER

Marwadi University
Marwadi Chandarana Group

NAAC A+

Experiment – 7

Aim: Create an application with Navigation in Flutter.

Code:

```dart
import 'package:flutter/material.dart';
void main() => runApp(MyApp());
class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
  return MaterialApp(
    debugShowCheckedModeBanner: false,
    title: 'Flutter Auth Navigation',
    home: SignUpScreen(),
  );
 }
}


class SignUpScreen extends StatelessWidget {
 final _formKey = GlobalKey<FormState>();
 @override
 Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(title: Text('Practical_7'),
    centerTitle: true,),
    body: Padding(
     padding: const EdgeInsets.all(16.0),
     child: Form(
      key: _formKey,
      child: Column(
       mainAxisAlignment: MainAxisAlignment.center,
       children: [
        TextFormField(
          decoration: InputDecoration(labelText: 'Name'),
        ),
        SizedBox(height: 16),
        TextFormField(
          decoration: InputDecoration(labelText: 'Email'),
        ),
        SizedBox(height: 16),
        TextFormField(
```

```dart
            decoration: InputDecoration(labelText: 'Password'),
            obscureText: true,
          ),
          SizedBox(height: 32),
          ElevatedButton(
            child: Text('Sign Up'),
            onPressed: () {
              Navigator.push(
                context,
                MaterialPageRoute(builder: (context) => LoginScreen()),
              );
            },
          ),
        ],
      ),
    ),
   ),
  );
 }
}

class LoginScreen extends StatelessWidget {
  final _formKey = GlobalKey<FormState>();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: Text('Login')),
      body: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Form(
          key: _formKey,
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              TextFormField(
                decoration: InputDecoration(labelText: 'Email'),
              ),
              SizedBox(height: 16),
              TextFormField(
                decoration: InputDecoration(labelText: 'Password'),
                obscureText: true,
              ),
```
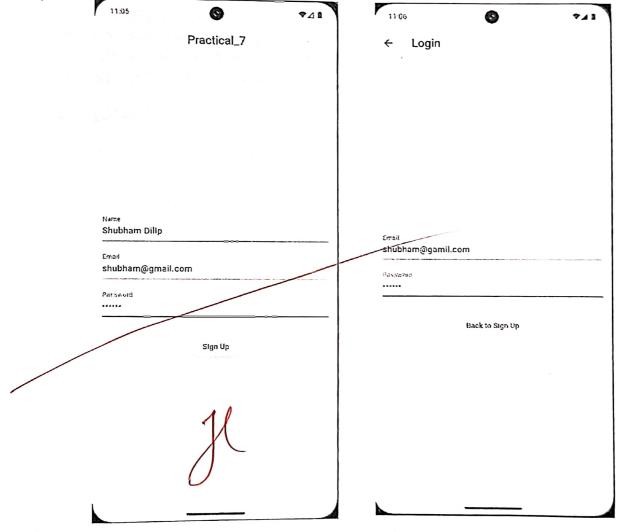
```
SizedBox(height: 32),
ElevatedButton(
  child: Text('Back to Sign Up'),
  onPressed: () {
    Navigator.pop(context);
  },
),
],
),
),
),
);
}
}
```

- **Output:**