Ansh Sarfare D15A - 49

Aim: To create an interactive form using form widget

```
Code:
                                                               child: Center(
                                                                 child: Image.asset(
import 'package:flutter/material.dart';
class LoginScreen extends StatefulWidget {
 @override
                                                    'assets/tasty_logo.png', // Path to your asset
                                                                  width: 120, // Adjust as
 _LoginScreenState createState() =>
LoginScreenState();
                                                    needed
                                                                  height: 120, // Adjust as
                                                    needed
class LoginScreenState extends
                                                                 ),
State<LoginScreen> {
                                                               ),
 final formKey = GlobalKey<FormState>();
                                                              ),
 String? email, password;
                                                              SizedBox(height: 50),
 @override
 Widget build(BuildContext context) {
                                                              TextFormField(
  return Scaffold(
                                                               decoration: InputDecoration(
   backgroundColor: Colors.grey[900],
                                                                 hintText: 'Email',
   body: Center(
                                                                 hintStyle: TextStyle(color:
     child: SingleChildScrollView(
                                                    Colors.grey[500]),
      padding: EdgeInsets.all(20.0),
                                                                fillColor: Colors.grey[800],
      child: Form(
                                                                 filled: true,
                                                                 border: OutlineInputBorder(
       key: formKey,
       child: Column(
                                                                  borderRadius:
        mainAxisAlignment:
                                                    BorderRadius.circular(30.0),
MainAxisAlignment.center,
                                                                  borderSide: BorderSide.none,
        children: <Widget>[
          // Logo
                                                                 prefixIcon: Icon(Icons.email,
          Container(
                                                    color: Colors.white),
           width: 120,
                                                               ),
                                                               style: TextStyle(color:
           height: 120,
           decoration: BoxDecoration(
                                                    Colors.white),
            shape: BoxShape.circle,
                                                               validator: (value) {
            border: Border.all(
                                                                if (value == null ||
                                                    value.isEmpty) {
             color: Colors.blue,
             width: 4.0,
                                                                  return 'Please enter your
            ),
                                                    email';
           ),
                                                                }
```

```
if (!value.contains('@')) {
                                                               SizedBox(height: 30),
              return 'Please enter a valid
email':
                                                               // Login Button
                                                               ElevatedButton(
            return null;
                                                                style: ElevatedButton.styleFrom(
                                                                 backgroundColor: Colors.blue,
           onSaved: (value) => email =
                                                                 foregroundColor: Colors.white,
value,
                                                                 padding:
                                                     EdgeInsets.symmetric(horizontal: 50,
          ),
          SizedBox(height: 20),
                                                     vertical: 15),
          TextFormField(
                                                                 textStyle: TextStyle(fontSize:
           decoration: InputDecoration(
                                                     18),
            hintText: 'Password',
                                                                  shape:
            hintStyle: TextStyle(color:
                                                     RoundedRectangleBorder(
Colors.grey[500]),
                                                                   borderRadius:
            fillColor: Colors.grey[800],
                                                     BorderRadius.circular(30),
            filled: true,
                                                                  ),
            border: OutlineInputBorder(
                                                                ),
              borderRadius:
                                                                onPressed: () {
BorderRadius.circular(30.0),
              borderSide: BorderSide.none,
                                                     ( formKey.currentState!.validate()) {
            prefixIcon: Icon(Icons.lock,
                                                     _formKey.currentState!.save();
color: Colors.white),
                                                                   // TODO: Implement login
           ),
                                                     functionality
           style: TextStyle(color:
                                                                   print('Email: $ email,
                                                     Password: $_password');
Colors.white),
           obscureText: true,
           validator: (value) {
            if (value == null ||
                                                                child: Text('Login'),
value.isEmpty) {
              return 'Please enter your
                                                               SizedBox(height: 20),
password';
                                                               TextButton(
            if (value.length < 6) {
                                                                onPressed: () {
              return 'Password must be at
                                                                 // TODO: Implement forgot
                                                     password functionality
least 6 characters';
                                                                },
            return null;
                                                                child: Text(
                                                                 'Forgot Password?',
           onSaved: (value) => password
                                                                 style: TextStyle(color:
= value,
                                                     Colors.white),
          ),
                                                        ),
```

Output:

