Course Code: CSE 438

Course Title: Smart phone and web application

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Pictures of Animal app Log in page:

Here is the code for log in page

```dart
import 'package:flutter/material.dart';
import 'package:cached_network_image/cached_network_image.dart';

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

class AnimalCareApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Animal Care App',
      theme: ThemeData(
        primarySwatch: Colors.blue,
      ),
      home: LoginPage(),
    );
  }
}

class LoginPage extends StatefulWidget {
  @override
  _LoginPageState createState() => _LoginPageState();
}

class _LoginPageState extends State<LoginPage> {
  TextEditingController _emailController = TextEditingController();
  TextEditingController _passwordController = TextEditingController();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(
          'AnimalCare',
          style: TextStyle(
            color: Colors.blue,
            fontSize: 24.0,
            fontWeight: FontWeight.bold,
          ),
        ),
      ),
      body: Container(
        decoration: BoxDecoration(
          color: Colors.pink[50], // Baby pink background color
        ),
        child: Padding(
          padding: EdgeInsets.all(16.0),
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              SizedBox(
                height: 250,
                child: CachedNetworkImage(
                  imageUrl: 'https://tse2.mm.bing.net/th?id=OIP.xMjk-
f7661WMqhtFHiQuZwHaEK&pid=Api&P=0&h=220', // Replace with actual URL
                  placeholder: (context, url) => CircularProgressIndicator(),
                  errorWidget: (context, url, error) => Icon(Icons.error),
```

```dart
              fit: BoxFit.contain,
            ),
          ),
          SizedBox(height: 20),
          Text(
            'Log in',
            style: TextStyle(
              fontSize: 20,
              fontWeight: FontWeight.bold,
            ),
          ),
          SizedBox(height: 20),
          TextField(
            controller: _emailController,
            decoration: InputDecoration(
              labelText: 'Email',
            ),
          ),
          SizedBox(height: 20),
          TextField(
            controller: _passwordController,
            obscureText: true,
            decoration: InputDecoration(
              labelText: 'Password',
            ),
          ),
          SizedBox(height: 20),
          ElevatedButton(
            onPressed: () {
              // Implement your login logic here
              String email = _emailController.text;
              String password = _passwordController.text;

              print('Email: $email');
              print('Password: $password');
            },
            child: Text('Log in'),
          ),
          SizedBox(height: 20),
          Row(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              ElevatedButton.icon(
                onPressed: () {
                  // Implement sign up with Google logic
                  print('Signing up with Google');
                },
                icon: CachedNetworkImage(
                  imageUrl: 'https://www.example.com/google_logo.png', // Replace with
actual URL
                  width: 24.0,
                  height: 24.0,
                  placeholder: (context, url) => CircularProgressIndicator(),
                  errorWidget: (context, url, error) => Icon(Icons.error),
                ),
                label: Text('Sign up with Google'),
              ),
              SizedBox(width: 20),
              ElevatedButton.icon(
                onPressed: () {
                  // Implement sign up with Apple logic
                  print('Signing up with Apple');
```

```
              },
              icon: Icon(Icons.apple),
              label: Text('Sign up with Apple'),
            ),
          ],
        ),
        SizedBox(height: 20),
        Text(
          "Haven't signed up yet? Sign up now!",
          style: TextStyle(
            fontSize: 16.0,
            color: Colors.blue,
          ),
        ),
      ],
    ),
  ),
  ),
  );
  }
}
```