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

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

class StudentInfoApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Student Information Manager',
      theme: ThemeData(
        primarySwatch: Colors.blue,
        fontFamily: 'Poppins',
      ),
      home: StudentInfoHome(),
      debugShowCheckedModeBanner: false,
    );
  }
}

class StudentInfoHome extends StatefulWidget {
  @override
  _StudentInfoHomeState createState() => _StudentInfoHomeState();
}

class _StudentInfoHomeState extends State<StudentInfoHome> {
  int _studentCount = 0;
  final _formKey = GlobalKey<FormState>();
  final _emailController = TextEditingController();
  final _passwordController = TextEditingController();

  // Sample profile image URL
  final String profileImageUrl = 'https://images.unsplash.com/photo-1535713875002-
d1d0cf377fde?ixlib=rb-
4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8M3x8cHJvZmlsZSUyMHBpY3R1cmV8ZW58MHx8MHx8fDA
%3D&auto=format&fit=crop&w=500&q=60';

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Student Info Manager'),
        backgroundColor: Colors.blue[700],
        elevation: 5,
      ),
      body: SingleChildScrollView(
        padding: EdgeInsets.all(20),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            // Welcome Dashboard
            _buildWelcomeDashboard(),
            SizedBox(height: 30),

            // Interactive Notification
```

```
        _buildNotificationSection(),
        SizedBox(height: 30),

        // Student Counter
        _buildStudentCounter(),
        SizedBox(height: 30),

        // Student Login Form
        _buildLoginForm(),
        SizedBox(height: 30),

        // Profile Picture Display
        _buildProfilePicture(),
      ],
    ),
  ),
 );
}

Widget _buildWelcomeDashboard() {
 return Container(
  width: double.infinity,
  padding: EdgeInsets.all(20),
  decoration: BoxDecoration(
   color: Colors.blue[50],
   borderRadius: BorderRadius.circular(15),
   boxShadow: [
    BoxShadow(
     color: Colors.grey.withOpacity(0.3),
     spreadRadius: 2,
     blurRadius: 5,
     offset: Offset(0, 3),
    ),
   ],
  ),
  child: Column(
   crossAxisAlignment: CrossAxisAlignment.center,
   children: [
    Text(
     'Student Information Manager',
     style: TextStyle(
      fontSize: 24,
      fontWeight: FontWeight.bold,
      color: Colors.blue[900],
     ),
     textAlign: TextAlign.center,
    ),
    SizedBox(height: 15),
    Text(
     'John Doe',
     style: TextStyle(
      fontSize: 20,
      fontWeight: FontWeight.w600,
      color: Colors.blue[800],
     ),
    ),
    SizedBox(height: 10),
```

```dart
      Text(
       'Computer Science',
       style: TextStyle(
        fontSize: 18,
        color: Colors.blue[700],
       ),
      ),
      SizedBox(height: 10),
      Text(
       'University of Technology',
       style: TextStyle(
        fontSize: 16,
        fontStyle: FontStyle.italic,
        color: Colors.blue[600],
       ),
      ),
     ],
    ),
   );
}

Widget _buildNotificationSection() {
 return Column(
  crossAxisAlignment: CrossAxisAlignment.start,
  children: [
   Text(
    'Interactive Notification',
    style: TextStyle(
     fontSize: 18,
     fontWeight: FontWeight.bold,
     color: Colors.blue[800],
    ),
   ),
   SizedBox(height: 10),
   Center(
    child: ElevatedButton(
     onPressed: () {
      ScaffoldMessenger.of(context).showSnackBar(
       SnackBar(
        content: Text('Hello, John Doe! Welcome to the Student Info Manager.'),
        backgroundColor: Colors.blue[700],
        behavior: SnackBarBehavior.floating,
        shape: RoundedRectangleBorder(
         borderRadius: BorderRadius.circular(10),
        ),
       ),
      );
     },
     child: Text('Show Alert'),
     style: ElevatedButton.styleFrom(
      padding: EdgeInsets.symmetric(horizontal: 30, vertical: 15),
      backgroundColor: Colors.blue[700],
     ),
    ),
   ),
  ],
 );
```

```dart
}

Widget _buildStudentCounter() {
  return Container(
    padding: EdgeInsets.all(20),
    decoration: BoxDecoration(
      color: Colors.grey[100],
      borderRadius: BorderRadius.circular(15),
      boxShadow: [
        BoxShadow(
          color: Colors.grey.withOpacity(0.2),
          spreadRadius: 2,
          blurRadius: 5,
          offset: Offset(0, 3),
        ),
      ],
    ),
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: [
        Text(
          'Student Enrollment Counter',
          style: TextStyle(
            fontSize: 18,
            fontWeight: FontWeight.bold,
            color: Colors.blue[800],
          ),
        ),
        SizedBox(height: 15),
        Center(
          child: Text(
            '$_studentCount',
            style: TextStyle(
              fontSize: 48,
              fontWeight: FontWeight.bold,
              color: Colors.blue[700],
            ),
          ),
        ),
        SizedBox(height: 15),
        Row(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: [
            ElevatedButton(
              onPressed: () {
                setState(() {
                  _studentCount++;
                });
              },
              child: Icon(Icons.add),
              style: ElevatedButton.styleFrom(
                backgroundColor: Colors.green,
                padding: EdgeInsets.symmetric(horizontal: 25, vertical: 15),
                shape: CircleBorder(),
              ),
            ),
            ElevatedButton(
```

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            onPressed: () {
             if (_studentCount > 0) {
               setState(() {
                 _studentCount--;
               });
             }
            },
            child: Icon(Icons.remove),
            style: ElevatedButton.styleFrom(
             backgroundColor: Colors.red,
             padding: EdgeInsets.symmetric(horizontal: 25, vertical: 15),
             shape: CircleBorder(),
            ),
           ),
         ],
        ),
       ],
      ),
     ],
    ),
   );
}

Widget _buildLoginForm() {
 return Container(
   padding: EdgeInsets.all(20),
   decoration: BoxDecoration(
     color: Colors.white,
     borderRadius: BorderRadius.circular(15),
     boxShadow: [
       BoxShadow(
         color: Colors.grey.withOpacity(0.3),
         spreadRadius: 2,
         blurRadius: 5,
         offset: Offset(0, 3),
       ),
     ],
   ),
   child: Form(
    key: _formKey,
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: [
       Text(
         'Student Login',
         style: TextStyle(
           fontSize: 18,
           fontWeight: FontWeight.bold,
           color: Colors.blue[800],
         ),
       ),
       SizedBox(height: 15),
       TextFormField(
         controller: _emailController,
         decoration: InputDecoration(
          labelText: 'Email',
          prefixIcon: Icon(Icons.email),
          border: OutlineInputBorder(
            borderRadius: BorderRadius.circular(10),
```

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        ),
      ),
      keyboardType: TextInputType.emailAddress,
      validator: (value) {
        if (value == null || value.isEmpty) {
          return 'Please enter your email';
        }
        if (!value.contains('@')) {
          return 'Please enter a valid email address';
        }
        return null;
      },
    ),
    SizedBox(height: 15),
    TextFormField(
      controller: _passwordController,
      decoration: InputDecoration(
        labelText: 'Password',
        prefixIcon: Icon(Icons.lock),
        border: OutlineInputBorder(
          borderRadius: BorderRadius.circular(10),
        ),
      ),
      obscureText: true,
      validator: (value) {
        if (value == null || value.isEmpty) {
          return 'Please enter your password';
        }
        if (value.length < 6) {
          return 'Password must be at least 6 characters';
        }
        return null;
      },
    ),
    SizedBox(height: 20),
    Center(
      child: ElevatedButton(
        onPressed: () {
          if (_formKey.currentState!.validate()) {
            ScaffoldMessenger.of(context).showSnackBar(
              SnackBar(
                content: Text('Login successful!'),
                backgroundColor: Colors.green,
              ),
            );
          }
        },
        child: Text('Login', style: TextStyle(fontSize: 16)),
        style: ElevatedButton.styleFrom(
          backgroundColor: Colors.blue[700],
          padding: EdgeInsets.symmetric(horizontal: 40, vertical: 15),
        ),
      ),
    ),
  ],
),
),
),
```

```dart
  );
}

Widget _buildProfilePicture() {
  return Container(
    width: double.infinity,
    padding: EdgeInsets.all(20),
    decoration: BoxDecoration(
      color: Colors.blue[50],
      borderRadius: BorderRadius.circular(15),
      boxShadow: [
        BoxShadow(
          color: Colors.grey.withOpacity(0.3),
          spreadRadius: 2,
          blurRadius: 5,
          offset: Offset(0, 3),
        ),
      ],
    ),
    child: Column(
      crossAxisAlignment: CrossAxisAlignment.start,
      children: [
        Text(
          'Student Profile Picture',
          style: TextStyle(
            fontSize: 18,
            fontWeight: FontWeight.bold,
            color: Colors.blue[800],
          ),
        ),
        SizedBox(height: 15),
        Center(
          child: Container(
            width: 150,
            height: 150,
            decoration: BoxDecoration(
              shape: BoxShape.circle,
              border: Border.all(color: Colors.blue, width: 3),
              image: DecorationImage(
                image: NetworkImage(profileImageUrl),
                fit: BoxFit.cover,
              ),
            ),
          ),
        ),
        SizedBox(height: 15),
        Center(
          child: Text(
            'John Doe',
            style: TextStyle(
              fontSize: 16,
              fontWeight: FontWeight.w500,
              color: Colors.blue[700],
            ),
          ),
        ),
      ],
```

```dart
      ),
    );
  }

  @override
  void dispose() {
    _emailController.dispose();
    _passwordController.dispose();
    super.dispose();
  }
}
```