

Roll No:59

MAD LAB-4

Aim: To create an interactive Form using form widget

Code :

Form to Create an Event:

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

```
class CreateEventScreen extends StatefulWidget {
```

@override

```
_CreateEventScreenState createState() => _CreateEventScreenState();
```

}

```
class _CreateEventScreenState extends State<CreateEventScreen> {
```

```
bool isInPerson = false;
```

@override

```
Widget build(BuildContext context) {
```

```
return Scaffold(
```

backgroundColor: Colors.black,

```
appBar: AppBar(
```

```
title: Text(
```

"Create Event",

```
style: TextStyle(color: Colors.limeAccent, fontSize: 24),
```

 $)$

backgroundColor: Colors.black,

elevation: 0,

 $)$

body: Padding(

padding: EdgeInsets.all(16.0),

child: Column(

```

children: [
  // Image Upload Section
  Container(
    height: 150,
    width: double.infinity,
    decoration: BoxDecoration(
      color: Colors.limeAccent,
      borderRadius: BorderRadius.circular(10),
    ),
    child: Center(
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          Icon(Icons.add_a_photo, size: 40, color: Colors.black),
          SizedBox(height: 5),
          Text(
            "Add Event Image",
            style: TextStyle(color: Colors.black),
          ),
        ],
      ),
    ),
  ),
  SizedBox(height: 20),

  // Input Fields
  _buildTextField("Event Name", Icons.event),
  _buildTextField("Description", Icons.description),
  _buildTextField("Location", Icons.location_on),
  _buildTextField("Date & Time", Icons.calendar_today),
  _buildTextField("Guests", Icons.people),
  _buildTextField("Sponsors", Icons.attach_money),

```

```
SizedBox(height: 15),
```

```
// In-Person Event Toggle
```

```
Container(  
  padding: EdgeInsets.symmetric(vertical: 10, horizontal: 10),  
  decoration: BoxDecoration(  
    color: Colors.black,  
    borderRadius: BorderRadius.circular(5),  
  ),  
  child: Row(  
    mainAxisAlignment: MainAxisAlignment.spaceBetween,  
    children: [  
      Text(  
        "In Person Event",  
        style: TextStyle(color: Colors.limeAccent, fontSize: 16),  
      ),  
      Switch(  
        value: isInPerson,  
        activeColor: Colors.limeAccent,  
        onChanged: (value) {  
          setState(() {  
            isInPerson = value;  
          });  
        },  
      ),  
    ],  
  ),  
)
```

```
SizedBox(height: 15),
```

```

// Create Event Button
ElevatedButton(
  onPressed: () {},
  style: ElevatedButton.styleFrom(
    backgroundColor: Colors.limeAccent,
    padding: EdgeInsets.symmetric(vertical: 14, horizontal: 60),
    shape: RoundedRectangleBorder(
      borderRadius: BorderRadius.circular(8),
    ),
  ),
  child: Text(
    "Create New Event",
    style: TextStyle(color: Colors.black, fontSize: 16),
  ),
),
],
),
),
);
}

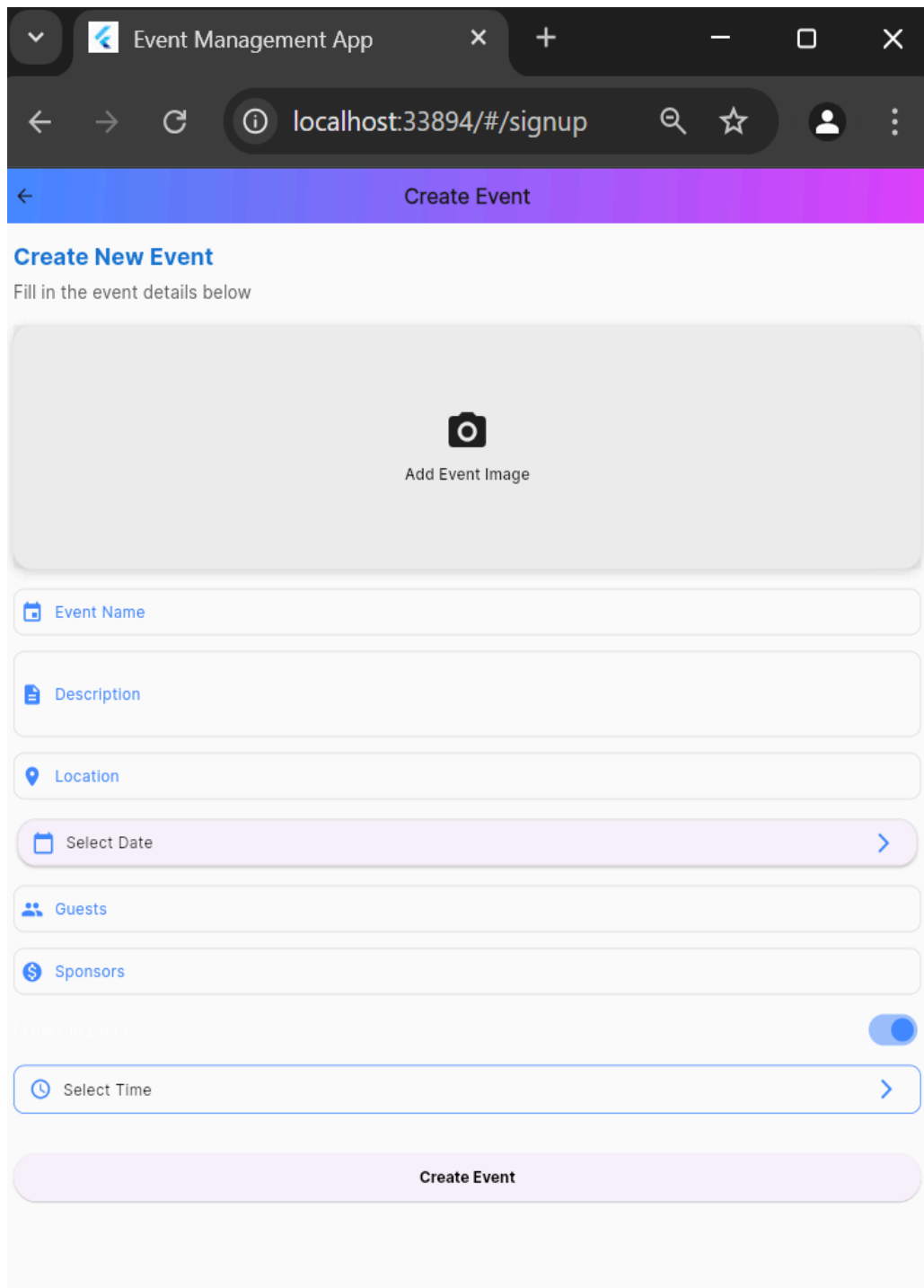
```

```

Widget _buildTextField(String label, IconData icon) {
  return Padding(
    padding: EdgeInsets.symmetric(vertical: 5),
    child: TextField(
      decoration: InputDecoration(
        filled: true,
        fillColor: Colors.limeAccent,
        prefixIcon: Icon(icon, color: Colors.black),
        labelText: label,
        labelStyle: TextStyle(color: Colors.black),
        border:

```

Output:



The screenshot displays a web browser window with the title 'Event Management App'. The address bar shows 'localhost:33894/#/signup'. The page has a purple header bar with a back arrow and the text 'Create Event'. Below the header, the section is titled 'Create New Event' with the instruction 'Fill in the event details below'. A large grey box with a camera icon and the text 'Add Event Image' is positioned above a series of input fields. These fields include 'Event Name', 'Description', 'Location', 'Select Date' (with a right arrow), 'Guests', 'Sponsors', and 'Select Time' (with a right arrow). A toggle switch labeled 'Permit Email' is turned on. At the bottom, there is a large purple button labeled 'Create Event'.

Event Management App

localhost:33894/#/signup

Create Event

Create New Event

Fill in the event details below

Add Event Image

Event Name

Description

Location

Select Date

Guests

Sponsors

Permit Email

Select Time

Create Event