

Event management(android studio)

```
package com.example.eventmanager;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

import java.util.ArrayList;

public class MainActivity extends AppCompatActivity {

    private EditText editTextEvent;
    private Button buttonAddEvent;
    private TextView textViewEvents;
    private ArrayList<String> eventsList;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        editTextEvent = findViewById(R.id.editTextEvent);
        buttonAddEvent = findViewById(R.id.buttonAddEvent);
        textViewEvents = findViewById(R.id.textViewEvents);
        eventsList = new ArrayList<>();

        buttonAddEvent.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String event = editTextEvent.getText().toString();
                if (!event.isEmpty()) {
                    eventsList.add(event);
                    editTextEvent.setText("");
                    displayEvents();
                }
            }
        });
    }

    private void displayEvents() {
```

```

        StringBuilder events = new StringBuilder("Event List:\n");
        for (String event : eventsList) {
            events.append(event).append("\n");
        }
        textViewEvents.setText(events.toString());
    }
}

```

Login(cordova)

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <title>Login Page</title>
    <link rel="stylesheet" href="css/style.css" />
</head>
<body>
    <div class="login-container">
        <h2>Login</h2>
        <input type="text" id="username" placeholder="Username" />
        <input type="password" id="password" placeholder="Password" />
        <button onclick="login()">Login</button>
        <p id="message"></p>
    </div>

    <script src="js/index.js"></script>
</body>
</html>
function login() {
    var username = document.getElementById('username').value;
    var password = document.getElementById('password').value;

    if (username === "admin" && password === "1234") {
        document.getElementById('message').style.color = "green";
        document.getElementById('message').innerHTML = "Login successful!";
    } else {
        document.getElementById('message').style.color = "red";
        document.getElementById('message').innerHTML = "Invalid username or password.";
    }
}

```

Geolocation(cordova)

```

<!DOCTYPE html>

```

```

<html>
<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Geolocation App</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
      text-align: center;
      margin: 20px;
    }
    .container {
      max-width: 400px;
      margin: auto;
      background-color: #fff;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    button {
      background-color: #4CAF50;
      color: white;
      padding: 10px 20px;
      border: none;
      border-radius: 5px;
      cursor: pointer;
    }
    button:hover {
      background-color: #45a049;
    }
    #location {
      margin-top: 20px;
      font-size: 16px;
    }
  </style>
</head>      // cordova plugin add cordova-plugin-geolocation
<body>
  <div class="container">
    <h2>Geolocation App</h2>
    <button onclick="getLocation()">Get Location</button>
    <p id="location">Location will be displayed here.</p>
  </div>

```

```

<script>
  function getLocation() {
    if (navigator.geolocation) {
      navigator.geolocation.getCurrentPosition(showPosition, showError);
    } else {
      document.getElementById('location').innerHTML = "Geolocation is not supported by
this browser.";
    }
  }

  function showPosition(position) {
    var latitude = position.coords.latitude;
    var longitude = position.coords.longitude;
    document.getElementById('location').innerHTML =
      "Latitude: " + latitude + "<br>Longitude: " + longitude;
  }

  function showError(error) {
    switch (error.code) {
      case error.PERMISSION_DENIED:
        document.getElementById('location').innerHTML = "User denied the request for
Geolocation.";
        break;
      case error.POSITION_UNAVAILABLE:
        document.getElementById('location').innerHTML = "Location information is
unavailable.";
        break;
      case error.TIMEOUT:
        document.getElementById('location').innerHTML = "The request to get user location
timed out.";
        break;
      case error.UNKNOWN_ERROR:
        document.getElementById('location').innerHTML = "An unknown error occurred.";
        break;
    }
  }
}
</script>
</body>
</html>

```

Bmi(react)

```
import React, { useState } from 'react';
```

```

function App() {
  const [weight, setWeight] = useState("");
  const [height, setHeight] = useState("");
  const [bmi, setBmi] = useState(null);
  const [message, setMessage] = useState("");

  const calculateBmi = () => {
    if (weight > 0 && height > 0) {
      const bmiValue = weight / (height * height);
      setBmi(bmiValue.toFixed(2));

      if (bmiValue < 18.5) {
        setMessage('Underweight');
      } else if (bmiValue >= 18.5 && bmiValue < 24.9) {
        setMessage('Normal weight');
      } else if (bmiValue >= 25 && bmiValue < 29.9) {
        setMessage('Overweight');
      } else {
        setMessage('Obese');
      }
    } else {
      setMessage('Please enter valid weight and height');
    }
  };

  return (
    <div className="App">
      <h1>BMI Calculator</h1>
      <div>
        <input
          type="number"
          placeholder="Weight (kg)"
          value={weight}
          onChange={(e) => setWeight(e.target.value)}
        />
        <input
          type="number"
          placeholder="Height (m)"
          value={height}
          onChange={(e) => setHeight(e.target.value)}
        />
        <button onClick={calculateBmi}>Calculate BMI</button>
      </div>
    </div>
  );
}

```

```
    {bmi && <h2>Your BMI: {bmi}</h2>}  
    {message && <p>{message}</p>}  
  </div>  
);  
}  
  
export default App;
```