

PROGRAM :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Dashboard</title>
  <script src="https://cdn.pubnub.com/sdk/javascript/pubnub.4.29.9.min.js"></script>
  <style>
    body { font-family: Arial, sans-serif; background: #e0f7fa; color: #004d40; padding: 20px; }
    h1 { text-align: center; color: #00695c; }
    #student-form { background: #b2ebf2; border-radius: 8px; padding: 20px; box-shadow: 0 2px 10px
    rgba(0, 0, 0, 0.1); }
    input, button { width: calc(100% - 20px); margin: 10px 0; padding: 10px; border-radius: 4px; }
    input { border: 1px solid #004d40; }
    button { background: #00796b; color: white; border: none; cursor: pointer; transition: background
    0.3s; }
    button:hover { background: #004d40; }
    li { margin: 5px 0; background: #b2ebf2; padding: 10px; border-radius: 4px; box-shadow: 0 1px
    5px rgba(0, 0, 0, 0.1); }
  </style>
</head>
<body>
  <h1>Student Dashboard</h1>
  <form id="student-form">
    <input type="text" id="student-name" placeholder="Name" required>
    <input type="text" id="math-grade" placeholder="Math Grade" required>
    <input type="text" id="science-grade" placeholder="Science Grade" required>
    <input type="text" id="attendance" placeholder="Attendance" required>
    <button type="submit">Add Student</button>
  </form>
  <ul id="student-list"></ul>
  <script>
    const pubnub = new PubNub({ publishKey: 'pub-c-7acaeb1c-9d7d-414e-afc3-3f85cab9b3da',
    subscribeKey: 'sub-c-c8313242-8054-4640-9d62-ff020597cdf1' });
    pubnub.subscribe({ channels: ['student_updates'] });
    pubnub.addListener({
      message: event => {
        const studentList = document.getElementById('student-list');
        const studentItem = document.createElement('li');
        studentItem.textContent = `${event.message.name} - Math: ${event.message.grades.math},
        Science: ${event.message.grades.science}, Attendance: ${event.message.attendance}`;
        studentList.appendChild(studentItem);
      }
    });
  </script>
</body>
</html>
```

```
document.getElementById('student-form').addEventListener('submit', e => {
  e.preventDefault();
  const studentData = {
    id: Date.now().toString(),
    name: document.getElementById('student-name').value,
    grades: {
      math: document.getElementById('math-grade').value,
      science: document.getElementById('science-grade').value
    },
    attendance: document.getElementById('attendance').value
  };
  pubnub.publish({ channel: 'student_updates', message: studentData });
  e.target.reset();
});
</script>
</body>
</html>
```

OUTPUT :

The screenshot shows the PubNub dashboard interface. On the left is a dark sidebar with the PubNub logo and a list of navigation items: Home, Build, Apps, Keysets (selected), Functions, Events & Actions, and Debug Console. The main content area is titled 'student dashboard Keyset' with a 'Testing' badge. It displays three keys: a Publish key, a Subscribe key, and a Secret key (masked with asterisks). To the right of the keys are 'Edit' and 'Disable' buttons. A 'Features' sidebar on the far right lists various features like Presence, Access Manager, App Context, File Sharing, Message Persistence, and Mobile Push Notifications, each with a toggle switch.

The screenshot shows a web browser displaying the 'Student Dashboard' application. The browser's address bar shows the file path 'C:/Users/Student/Downloads/studentdashboard/index.html'. The application has a light blue header with the title 'Student Dashboard'. Below the header is a form with four input fields: 'Name', 'Math Grade', 'Science Grade', and 'Attendance'. A green 'Add Student' button is positioned below the form. At the bottom, there is a list of two student records:

- divya - Math: a, Science: b, Attendance: 100
- divya k - Math: A, Science: B, Attendance: 98