**Slide Title: JSON API Time Server**

**Slide 1: Introduction**

* **Project Overview**
  + A simple HTTP server that provides the current date and time.
  + Responds with the time in a readable format.

**Slide 2: Key Features**

* **Real-Time Data**
  + Delivers current date and time on each request.
* **Simple API**
  + Easy to use; just make a GET request.

**Slide 3: Technical Details**

* **Technologies Used**
  + Node.js: For server-side JavaScript execution.
  + HTTP module: Built-in module to create the server.
* **Code Overview**
  + Function to format time: zeroFill()
  + Function to get current date/time: now()

**Slide 4: Code Explanation**

javascript

Copy code

const http = require('http');

// Function to zero-fill numbers

function zeroFill(i) {

return (i < 10 ? '0' : '') + i;

}

// Function to get current date and time

function now() {

const d = new Date();

return `${d.getFullYear()}-${zeroFill(d.getMonth() + 1)}-${zeroFill(d.getDate())} ${zeroFill(d.getHours())}:${zeroFill(d.getMinutes())}`;

}

**Slide 5: Running the Server**

* **Start the Server**
  + Command: node server.js <port>
  + Example: node server.js 3000
* **Accessing the Time**
  + Open a web browser or use curl:
    - http://localhost:3000

**Slide 6: Conclusion**

* **Benefits**
  + Lightweight and efficient.
  + Perfect for learning Node.js and building APIs.
* **Future Enhancements**
  + Add time zones support.
  + Return response in JSON format.