

## HR PAYROLL SYSTEM

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### Assumptions:

- Payment date is assumed as 31.12.2016 and is hardcoded

### The reasons for choosing any frameworks:

- I decided to use Bootstrap for its simplicity and brevity

### Instructions on how to run the application:

1. Run the server by  
**node server.js**

The server listens on port 8081

2. Access the payslip form at <http://localhost:8081/>
3. Fill the form & click on “**Generate payslip**” button
4. The payslip details are calculated in the client side and displayed in the table.
5. The “**Pay**” button will save payslip details as JSON object into **employees.json** file
6. If the employee already exists in **employees.json**, the system will notify that he/she already been paid.
7. Otherwise it will be saved into **employees.json** file

### A test harness to validate the solution:

1. Add new payslips for new employees & check the relevant JSON object in **employees.json**
2. Try to add or pay for existing employee & the system will not allow it by informing that he/she already has been paid.