Employee payroll management  
  
  
***Environment***   
  
Spring Boot:

Project: Maven  
Language: Java  
Spring Boot: 2.7.15  
Packaging: Jar  
Java: 8  
Group & Package Name: com.payroll  
ArtifactID: application name + app eg: emp-salaryapp  
Dependencies: As Required  
  
Eclipse/STS   
  
MSQL:  
Version 8.0.33  
  
username: root  
password: 12345  
  
Schema Name: payroll  
  
**Services**1. Employee (Benovin)  
 Fields:

Employee(8):  
 id Integer, firstname String, lastname String, role String,

dob String, gender String, email String, password String

Note: Try to make email Unique  
Application name: emp-user  
  
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Admin (Sunil)  
 Admin (4):  
 id Integer, email String, username String, password String  
  
Application name: emp-admin  
  
addAdmin: /admin  
getAdminById: /admin/{id}  
getAllAdmins : /admins  
deleteAdmin: /admin/{id}  
updateAdmin: /admin

2. Salary:(5) (Sujas & Agalya)  
 Fields:   
 id Integer, empid Integer, Name String, date String, month String,

amount Integer  
  
Note: Name comes from Employee Table   
  
Discuss if empID is viable here instead  
Application name: emp-salary  
  
addSalary: /salary  
getAllSalaries : /salaries  
updateSalary: /salary  
getAllSalariesByEmpid: /salary/empid/{empid}  
  
3. Leave: (6) (Navya & Priyanka)  
 Fields:   
 id Integer, empid Integer, Name String, startdate String, enddate String,

leavetype String, duration String  
  
Note: Name comes from Employee Table  
Application name: emp-leave  
  
addLeave: /leave  
getAllLeaves : /leaves  
deleteLeave: /leave/{id}  
updateLeave: /leave  
getAllLeavesByEmpid: /leave/empid/{empid}  
  
4. TimeSheet: (6) (Arpit Singh & Vaishnavi)  
 Fields:   
 id Integer, empid Integer, Name String, date String, intime String,

outime String, Activity String  
  
Note: Name comes from Employee Table  
Application name: emp-timesheet  
  
addTimesheet: /timesheet  
getAllTimesheets : /timesheets  
deleteTimesheet: /timesheet/{id}  
updateTimesheet: /timesheet   
getAllTimesheetsByEmpid: /timesheet/empid/{empid}  
  
5. Attendance (5): (Jyothi & Sai Krishna)  
 Fields:   
 id Integer, empid Integer, Name String, email String, date String,

status String  
  
  
Note: Name comes from Employee Table  
Application name: emp-attendance  
  
addAttendance: /attendance  
getAllAttendances: /attendances  
deleteAttendance: /attendance/{id}  
updateAttendance: /attendance   
getAllAttendancesByEmpid: /attendance/empid/{empid}