Elexa Evans

Building Access Capstone Project

APIs

Company Controller

@RequestMapping(value = **"/company"**, method = RequestMethod.***POST***)

This API allows the user to add company information to the database.

@RequestMapping(value=**"/company"**, method = RequestMethod.***GET***)

This API allows the user to get all the company information stored in the database.

@RequestMapping(value = **"/company/{id}"**, method = RequestMethod.***GET***)

This API allows the user to get a specific company’s information by its id.

@RequestMapping(value = **"/company/{id}"**, method = RequestMethod.***PUT***)

This API allows the user to update the company’s floor number.

@RequestMapping(value = **"/company/{id}"**, method = RequestMethod.***DELETE***)

This API allows the user to delete a company information from the database by its id.

@RequestMapping(value = **"/companyByName/{name}"**, method = RequestMethod.***GET***)

This API allows the user to find company information from the database by searching the company’s name.

@RequestMapping(value = **"/companyByFloor/{floor}"**, method = RequestMethod.***GET***)

This API allows the user to find company information from the database by searching the company’s floor.

@RequestMapping(value = **"/companyAccess/{companyName}/{floor}"**, method = RequestMethod.***GET***)

This API allows the user to see which company or employee has access to which floor or area.

Employee Controller

@RequestMapping(value=**"/employee"**, method = RequestMethod.***POST***)

This API allows the user to add employee information to the database.

@RequestMapping(value=**"/employee"**, method = RequestMethod.***GET***)

This API allows the user to get all employees’ information from the database.

@RequestMapping(value = **"/employee/{id}"**, method = RequestMethod.***GET***)

This API allows the user to get a specific employee’s information by its id.

@RequestMapping(value = **"/employee/{id}"**, method = RequestMethod.***PUT***)

This API allows the user to update an employee’s title in the database.

@RequestMapping(value = **"/employee/{id}"**, method = RequestMethod.***DELETE***)

This API allows the user to delete an employee’s information from the database.

@RequestMapping(value = **"/employeeByName/{name}"**, method = RequestMethod.***GET***)

This API allows the user to search the database and find an employee’s information based on the employee’s name.

@RequestMapping(value = **"/employeeByTitle/{title}"**, method = RequestMethod.***GET***)

This API allows the user to search the database and find an employee’s information based on the employee’s title.

@RequestMapping(value = **"/employeeByHireDate/{hireDate}"**, method = RequestMethod.***GET***)

This API allows the user to search the database and find an employee’s information based on the employee’s hire date.

@RequestMapping(value = **"/employeeByCompany/{companyName}"**, method = RequestMethod.***GET***)

This API allows the user to search the database and find an employee’s information based on the employee’s company name.

Entry Exit Controller

@RequestMapping(value=**"/log"**, method = RequestMethod.***POST***)

This API allows the user to add a log with an employee’s entry and exit times to the database.

@RequestMapping(value=**"/log"**, method = RequestMethod.***GET***)

This API allows the user to get all logs from the database.

@RequestMapping(value = **"/log/{id}"**, method = RequestMethod.***GET***)

This API allows the user to get a specific log’s information by its id.

@RequestMapping(value = **"/log/{id}"**, method = RequestMethod.***PUT***)

This API allows the user to update a log’s exit time in the database.

@RequestMapping(value = **"/log/{id}"**, method = RequestMethod.***DELETE***)

This API allows the user to delete a log’s information from the database.

@RequestMapping(value = **"/entryExitLogByEmployee/{name}"**, method = RequestMethod.***GET***)

This API allows the user to get a specific log by searching the employee’s name in the database.

@RequestMapping(value = **"/entryExitLogByCompany/{companyName}"**, method = RequestMethod.***GET***)

This API allows the user to get a specific log by searching the company’s name in the database.