Developer setup guide

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1. Code setup

1. Download and extract code folder provided
2. Open up terminal and install these dependencies using the following commands:

1. npm install

2.  npm install express

3.  npm install pg

4. npm install body-parser

5.  npm install postgres

6. npm install express-json-validator-middleware

7. npm install nodemon

1. Go to db.js and paste the following link to the postgres databse in order for it to connect

 connectionString : 'postgres://ydooojnu:bGU4ApWWP66foPI8B8SVSqFUelOl9Yrn@arjuna.db.elephantsql.com:5432/ydooojnu',

1. To run the server, simply type in:

Nodemon server.js

1. To test the server, type in

<http://localhost:8081/test>

A successful test response should be seen

2.POSTMAN installation and setup

1.Go to the link: <https://www.postman.com/downloads/>

2.Download the POSTMAN app

3.Open the app

3.Database setup(if needed)

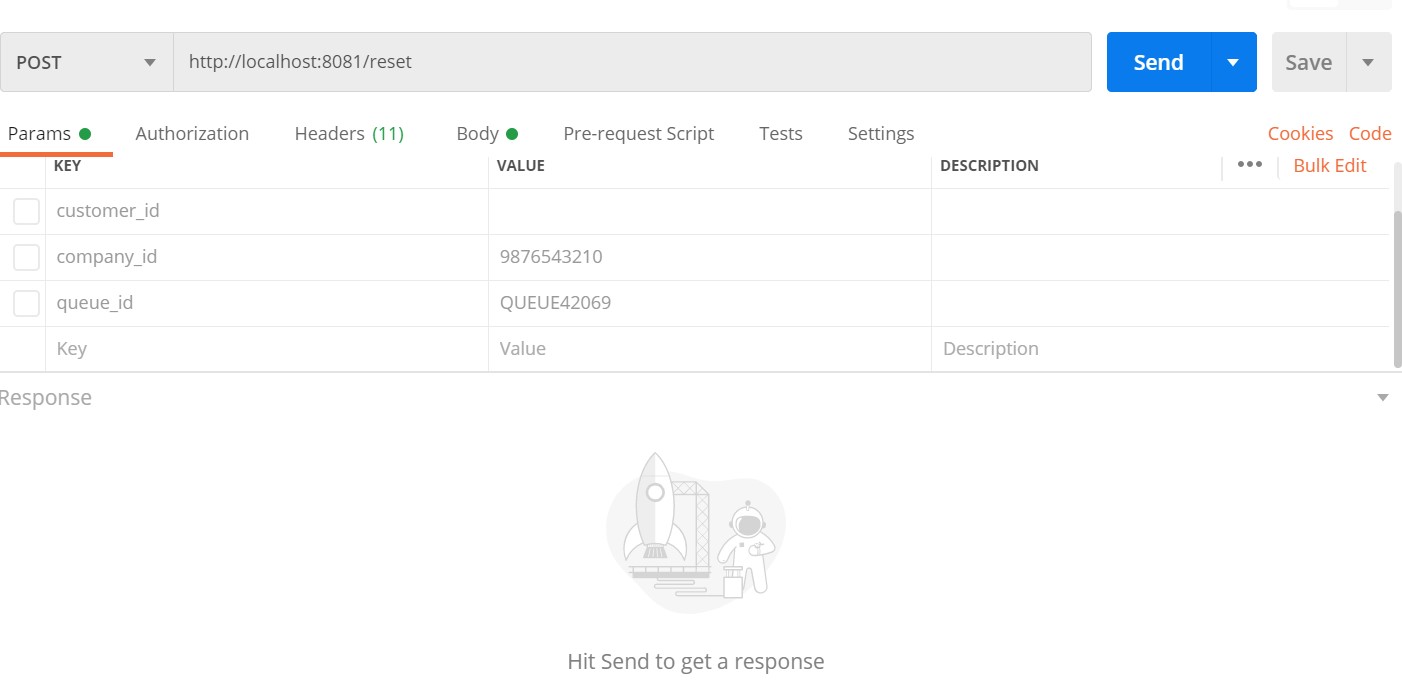
1.Type

Nodemon server.js

2.Go to POSTMAN, change the method to POST and use this link:

<http://localhost:8081/reset>

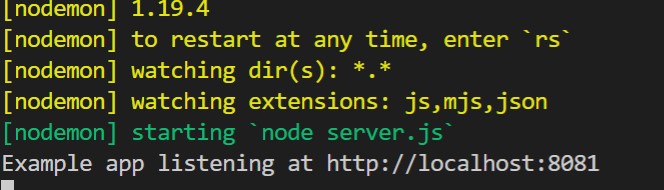
Tables would be created with no data inserted



4.API use

1. Type in nodemon server.js in the terminal

2. Ensure that the following is shown:



3.API list

Check Customer Queue

Params= customer\_id,queue\_id,

Body=nil,

Method:GET,

Link: <http://localhost:8081/customer/queue>

Join customer Queue

Params= nil,

Body=customer\_id,queue\_id,

Method:POST,

Link: <http://localhost:8081/customer/queue>

Create company Queue

Params= nil,

Body=company\_id,queue\_id,

Method:POST

Link: <http://localhost:8081/company/queue>

Update company Queue

Params= company\_id,queue\_id,

Body=status

Method:PUT

Link: <http://localhost:8081/company/queue>

Company server available

Params= nil

Body=queue\_id

Method:PUT

Link: <http://localhost:8081/company/server>

Company Arrival rate

Params= queue\_id,from,duration

Body=nil

Method:GET

Link: <http://localhost:8081/company/arrival_rate>