Cosmo Backend Challenge

Instructions

1. Do your best.
2. Be prepared to present the solution to the CosmoBots Developers.

Specification

User Story

As a front-end developer I want an API where I can create, retrieve, update, delete, query by groups and associate users with pre-defined groups So that I can integrate with the platform and add users form under my account options.

Implementation Details

```
User API Schema

{
  "userId": uuid / v4,
  "accountId": uuid / v4,
  "firstName": string,
  "lastName": string,
  "email": email,
  "groupId": uuid / v4
}
```

Groups Table

GROUP_ID	GROUP_NAME	GROUP_DESCRIPTION
UUID/v4	Support Agents	
UUID/v4	Bot Builders	
UUID/v4	Bot Admins	

Requirements

- Should be implemented in Node.JS.
- Should make use of PostgreSQL as database.

Recommendations

- Tests are very important
- Make use of good development practices: https://12factor.net/
- Use SOLID: https://en.wikipedia.org/wiki/SOLID
- Follow the REST Architecture: https://restfulapi.net/
- It's good to write nice git commit messages: http://karma-runner.github.io/3.0/dev/git-commit-msg.html