

CMPE 272 Mini-Project

TeamUp

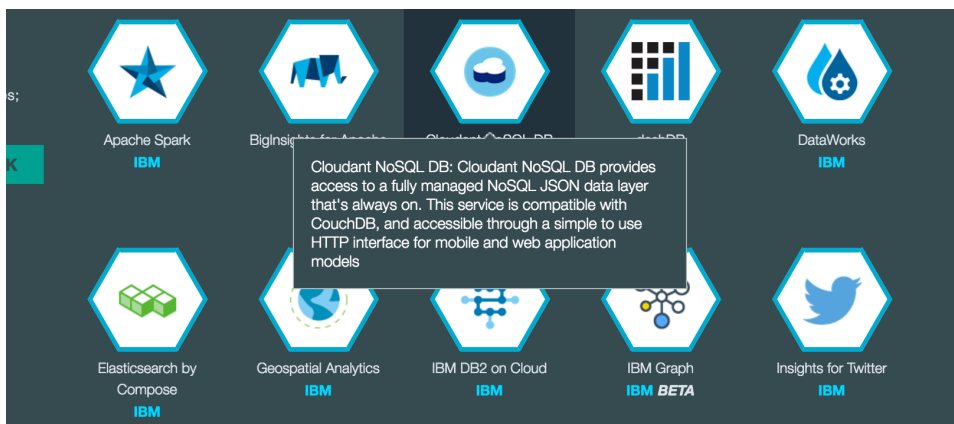
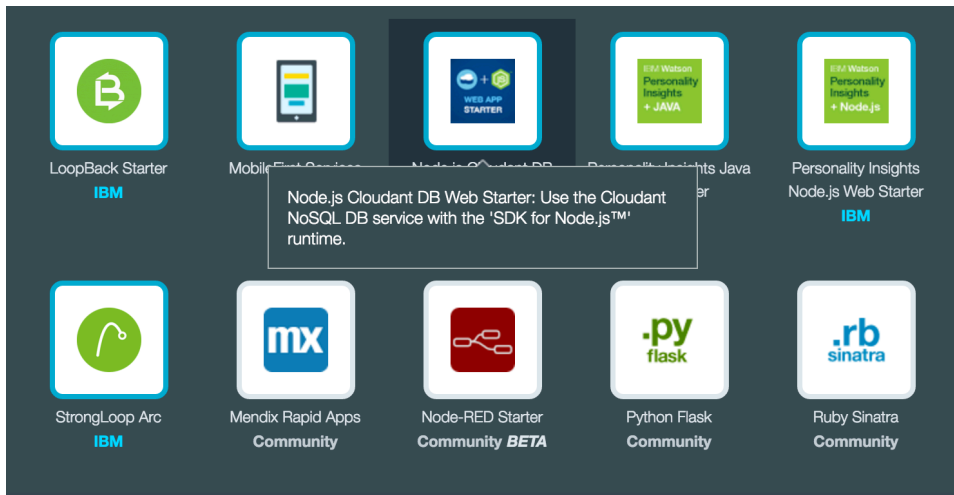
Team Members: Chunyue Weng, Yu Pei, Xiaoxi Chu, Luwen Miao

Team Number: 32

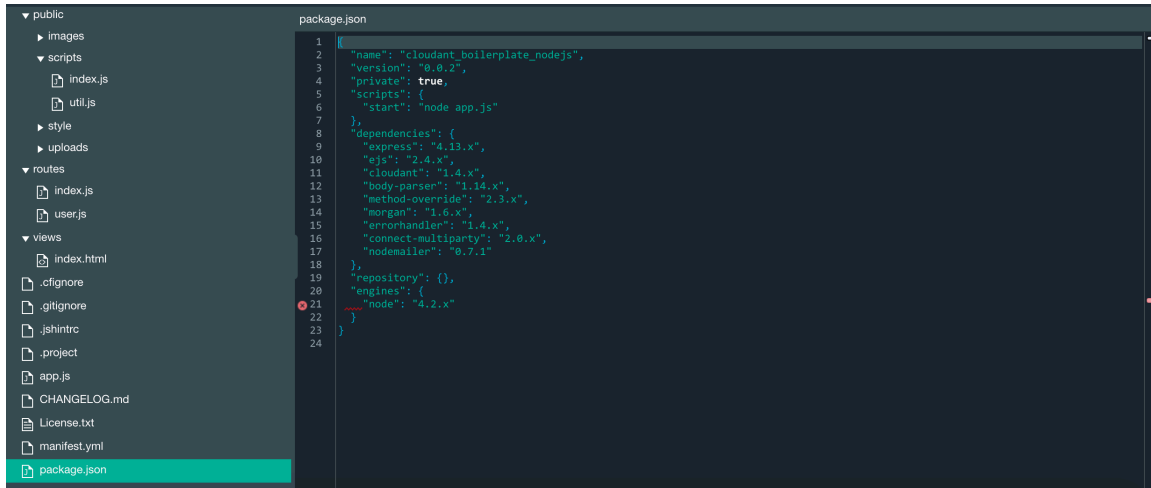
Project Github link: <https://github.com/MalvinMiao/CMPE-272-mini-project>

Abstract:

TeamUp is a platform that improves the experience of finding teammates. Considering scenarios such as looking for a group for projects, searching teammates for a basketball competition, or gathering a group for video games. TeamUp can save your time for waiting for people online, it will automatically looking for your teammates.

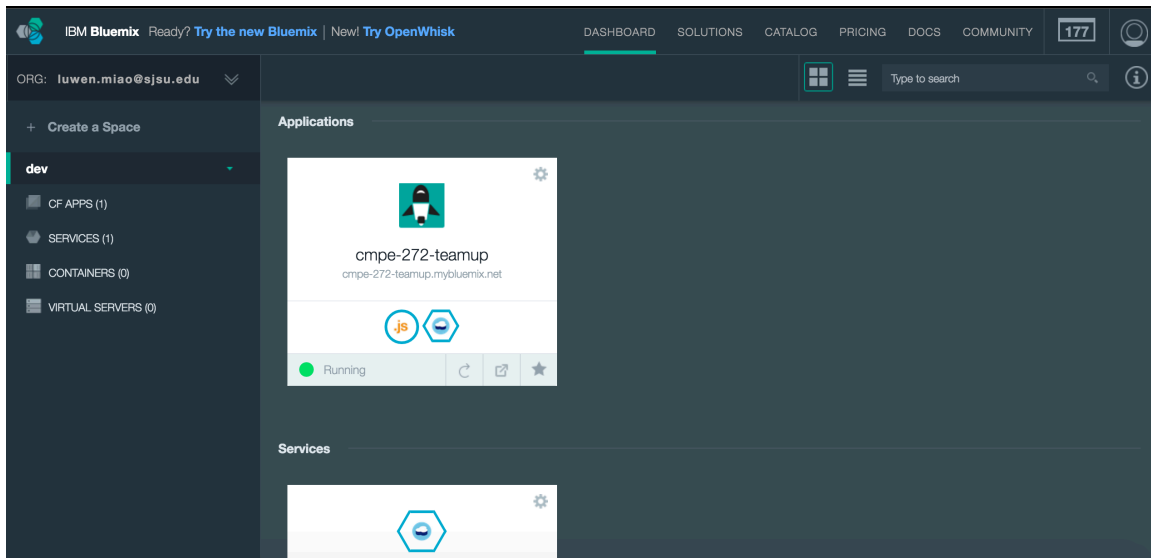


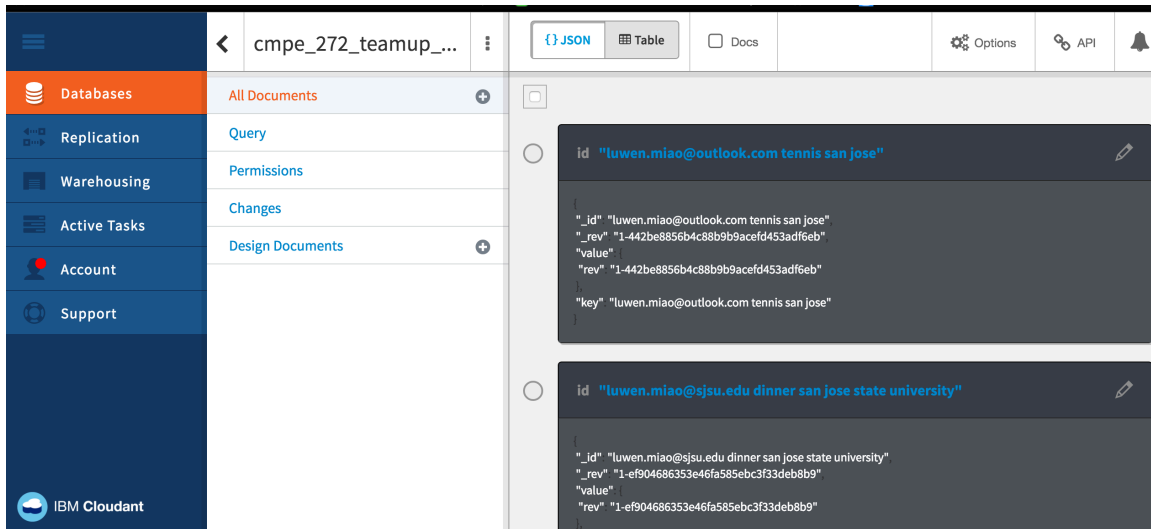
We implemented Node.js Boilerplates and Cloudant NoSQL DB Service from the Bluemix Catalog. In order to send emails via the Node.js, we also install the “nodemailer” module to handle emails.



```
1  {
2    "name": "cloudant_boilerplate_nodejs",
3    "version": "0.0.1",
4    "private": true,
5    "scripts": {
6      "start": "node app.js"
7    },
8    "dependencies": {
9      "express": "4.13.x",
10     "ejs": "2.4.x",
11     "cloudant": "1.4.x",
12     "body-parser": "1.14.x",
13     "method-override": "2.3.x",
14     "morgan": "1.6.x",
15     "errorhandler": "1.4.x",
16     "connect-multiparty": "2.0.x",
17     "nodemailer": "0.7.1"
18   },
19   "repository": {},
20   "engines": {
21     "node": "4.2.x"
22   }
23 }
24
```

After create the instance of the template, we can see the application running via the dashboard.






This is the cmpe_272_teamup_db database for our TeamUp platform.

Based on the template's code, we implement modifications to achieve our goal.

There are 5 forms in our home page, corresponding to 5 different functionalities.



Welcome to the TeamUp powered by Cloudant

Get started by reading our [Project Documentation](#)

You can add events into waiting list, when there is a new user waiting for the same event, you and all the users waiting for the same event will receive an email as a notification.

You can also search for the users waiting for the same event, and all the events of yours.

After set up your team, you can delete your waiting event from your list, or delete all your events.

Event:

Place:

First Name:

Last Name:

Email:

Add new event

Find Events for Email:

Display all events

Find Users for Event:

Display all users

Delete Event:

At Place:

For Email:

Delete event

Delete all Events for Email:

Delete all events

1. Adding events to the waiting list:

TeamUp

This application helps you find teammates for your specified events.

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After set up your team, you can delete your waiting event from your list, or delete all your events.

Event:

Place:

First Name:

Last Name:

Email:

Enter the event name, event place, and your name, email address, press “Add new event” button, this new event will be added to our cmpe_272_teamup_db database, and if there is any waiting users for the same event, you will receive an email to notify you all the waiting users; at the same time, all the other waiting users will receive an email to be notified the new user waiting for this event.



Sort by Date ▾

do.not.reply.teamup@gmail.com	2:40 PM
Waiting users for event dinner	
User information: dinner, san jose state university, luwen miao, luwen.miao@sjsu.edu New added user:...	
do.not.reply.teamup@gmail.com	2:35 PM
Waiting users for event dinner	
User information: dinner, san jose state university, luwen miao, luwen.miao@outlook.com dinner, san j...	
do.not.reply.teamup@gmail.com	2:35 PM
Waiting users for event dinner	

do.not.reply.teamup@g... Today at 2:40 PM

To: luwen.miao@sjsu.edu

Waiting users for event dinner

User information:
dinner, san jose state university, luwen miao,
luwen.miao@sjsu.edu
New added user: luwen.miao@sjsu.edu

As for now, you are the only user waiting for this event.

TeamUp

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You can add events into waiting list, when there is a new user waiting for the same event, you and all the users waiting for the same event will receive an email as a notification.

You can also search for the users waiting for the same event, and all the events of yours.

After set up your team, you can delete your waiting event from your list, or delete all your events.

Event: dinner

Place: san jose state university

First Name: yi

Last Name: yang

Email: luwen.miao@outlook.coi

Add new event

Now, there is another user adding the same event to the waiting list

Sort by Date

do.not.reply.teamup@gmail.com 2:41 PM

Waiting users for event dinner

User information: dinner, san jose state university, yi yang, luwen.miao@outlook.com dinner, san jose sta...

do.not.reply.teamup@gmail.com 2:40 PM

Waiting users for event dinner

User information: dinner, san jose state university, luwen miao, luwen.miao@sjsu.edu New added user:...

do.not.reply.teamup@gmail.com 2:35 PM

Waiting users for event dinner

do.not.reply.teamup@gmail.com 2:41 PM

Waiting users for event dinner

User information: dinner, san jose state university, yi yang, luwen.miao@outlook.com dinner, san jose sta...

do.not.reply.teamup@gmail.com 2:36 PM

Waiting users for event dinner

User information: dinner, san jose state university, luwen miao, luwen.miao@outlook.com dinner, san j...

do.not.reply.teamup@gmail.com 2:30 PM

Waiting users for event dinner

User information: dinner, san jose state university, luwen miao, luwen.miao@outlook.com dinner, san j...

do.not.reply.teamup@gmail... Today at 2:41 PM

To: luwen.miao@sjsu.edu

Waiting users for event dinner

User information: dinner, san jose state university, yi yang, luwen.miao@outlook.com dinner, san jose state university, luwen miao, luwen.miao@sjsu.edu New added user: luwen.miao@outlook.com

do.not.reply.teamup@gmail... Today at 2:41 PM

To: luwen.miao@outlook.com

Waiting users for event dinner

User information: dinner, san jose state university, yi yang, luwen.miao@outlook.com dinner, san jose state university, luwen miao, luwen.miao@sjsu.edu New added user: luwen.miao@outlook.com

Both of the users will receive the emails to notify the current users waiting for this event, and the new added user will be marked.

- Display all the events in the waiting list for a user:

Find Events for Email:

★ Bookmarks

dinner, san jose state university, luwen.miao@sjsu.edu
hearthstone, san jose state university, luwen.miao@sjsu.edu

All the pending events will be listed for the current user

3. Display all the users for a pending event:

Find Users for Event:

★ Bookmarks

dinner, san jose state university, yi yang, luwen.miao@outlook.com
dinner, san jose state university, luwen miao, luwen.miao@sjsu.edu

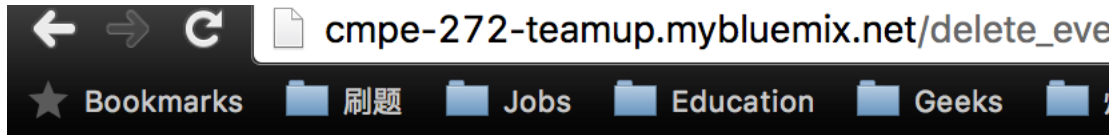
So, currently there are two people waiting for a group for dinner.

4. Delete a specific event for a user:

Delete Event:

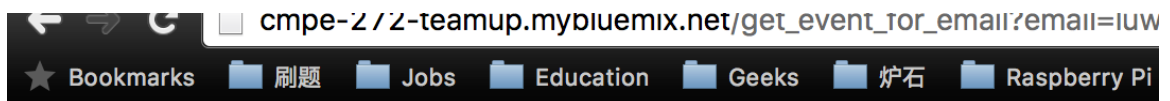
At Place:

For Email:



Event: dinner deleted for email luwen.miao@sjsu.edu

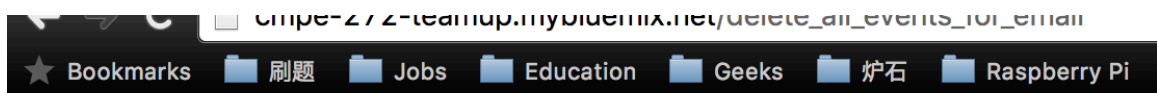
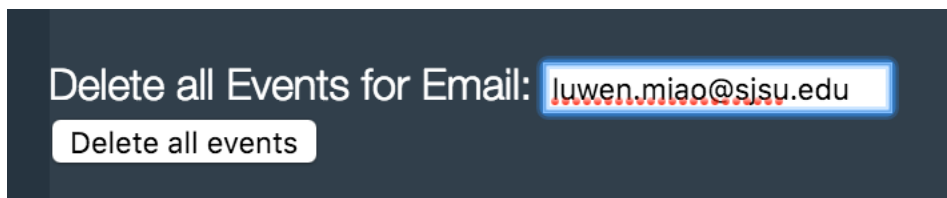
Event “dinner” successfully deleted for user luwen.miao@sjsu.edu



hearthstone, san jose state university, luwen.miao@sjsu.edu

Check the pending events for user luwen.miao@sjsu.edu, the “dinner” event is not exists any more.

5. Since delete events one by one is sometimes annoyed, we provide an option to delete all the pending events for a user:



Event: dinner at place san jose state university has been deleted