

Installation Instruction

Team Member: Yang Li, Yutong Gao

1. Unzip the file first, and go to the terminal to run following commands to *start the backend*:

```
cd final_project
npm i
nodemon server
(npm i – will install all the dependencies and generate node_module folder)
and you will see the following output:
Server is running on port: 5000
MongoDB database connection established successfully
```

Note: if you cannot start the backend with command “nodemon server” successfully, please direct to the final_project folder, and run “ls -a” and see if the .env file exists.

If not, please follow:

- Step1: run “vim .env”
- Step 2: copy the following line into .env:
ATLAS_URI = mongodb+srv://yli48:yli48@iss-w90eo.mongodb.net/test?retryWrites=true&w=majority
- Step3: exit and run the “nodemon server”

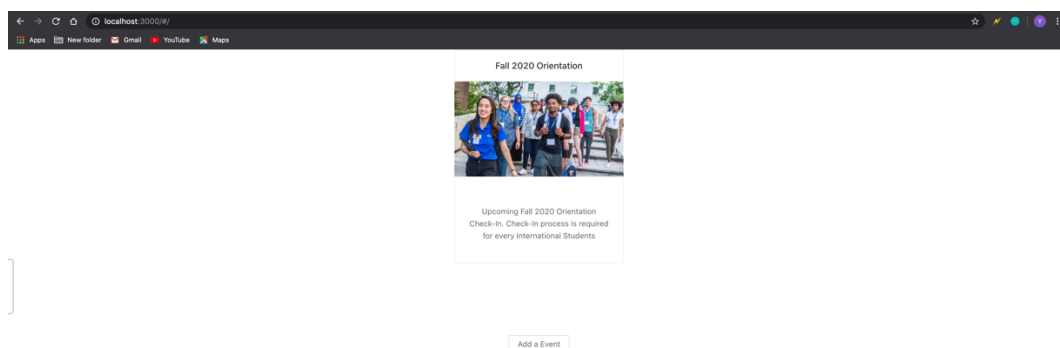
We meet this problem when we exchange our code within team, just put here in case you meet the same problem (please make sure when you copy and paste this link; there is no spaces between iss-w90).

2. Open the second terminal window, run the following commands to *start the react*:

```
cd final_project
cd react
npm i
npm start
```

A new page will direct from your browser which shows our home page, please see the image below:

If the page not shows automatically, please enter the url: <http://localhost:3000/#/>



Process Instruction

After backend and frontend successfully ran. You can create a new event with the "Add an Event" Button (Please see image below):

Add a Event

It will bring you to the Create new Event Page:

Create New Event

* Event Name :	<input type="text"/>
Year :	<input type="text"/>
Semester :	<input type="text"/>
Event Description :	<input type="text"/>
Start Date :	<input type="text" value="Select date"/>
End Date :	<input type="text" value="Select date"/>
Start Time :	<input type="text" value="Select time"/>
End Time :	<input type="text" value="Select time"/>
* xlsx/csv :	<input type="text" value="Upload"/>
<input type="submit" value="Submit"/>	

There are some forms you can fill out on this page. However, only Event Name and xlsx/csv upload are required because these are essential information to create new student Orientation.

After Filled out the information and click the submit button. Everything will be upload to the database, and there is confirmation page (please see image below):

[< Home](#)

Event: Fall 2020 Orientation

eventName	year	semester	description
Fall 2020 Orientation	2020	fall	Upcoming Fall 2020 Orientation Check-in. Check-in process is required for every International Students
startDate	endDate	startTime	endTime
2020-08-20	2020-08-24	8:00:00 AM	11:30:00 AM

In this Even Page, all the information already uploaded to the database, and all information is displayed. On this page, we can search student's information and mark which student is check-in.

PantherID	First Name	Last Name	Department	Level	Campus	Degree	Email	College	Year	Check In
22432453	Harry	Potter	CS	Graduate	Main	MS	hpotter1@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
22744424	Arya	Stark	Biology	Graduate	Main	MS	astart3@student.gsu.edu	College of Arts and Science	Fall 2020	<input checked="" type="checkbox"/>
22845231	Anna	Choi	Biology	Graduate	Main	MS	achoi2@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
22937134	David	Davis	Biology	Undergraduate	Main	BS	astart3@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
13415623	Jordon	Roby	Biology	Graduate	Main	MS	jboby3@student.gsu.edu	College of Arts and Science	Fall 2020	<input checked="" type="checkbox"/>
12414634	Ethridge	Ivan	CS	Undergraduate	Main	BS	hpotter1@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
42552352	Sean	Sileo	Biology	Graduate	Main	MS	ssileo2@student.gsu.edu	College of Arts and Science	Fall 2020	<input checked="" type="checkbox"/>
34513142	Lucy	Tahir	Biology	Graduate	Main	MS	ltahir@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
35153414	Colin	Patel	CS	Undergraduate	Main	BS	cpatel@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>
22432453	Harry	Potter	CS	Graduate	Main	MS	hpotter1@student.gsu.edu	College of Arts and Science	Fall 2020	<input type="checkbox"/>

[<](#) [1](#) [2](#) [3](#) [>](#)

In the Event Page, we have implemented a toggle-button, which will help to mark students is check-in or not.

There is a completed check-in button at the bottom of the page (image below). After the admin the completed record student's check-in status, the admin can click the complete check-in button to export the student list.

Completed check-in

The modal will pop-up after clicked "Completed check-in" and shows here:

Export to CSV

X

Select the columns you want to export

☒ pantherId

☒ firstName

☒ lastName

☒ department

☒ level

☒ campus

☒ degree

☒ email

☒ college

☒ year

☒ checkIn

Select the checkIn status you want to export

☒ export checkIn users[graduate (b)]

☐ export non-checkIn users[graduate (c)]

☐ export all [graduate (a)]

Cancel

Export CSV

Export XLSX

In this "Export to CSV" page, admin has the option to choose what information wants to export to either CSV or XLSX file.

In addition, as graduate students, we have implemented everything in the instruction, and also the graduate student tasks are also implemented. On this page, we can export all check-in students, all non-check-in students, and export all students included all check-in and non-check-in students. For column selection, the default settings for checkbox are checked.

Team Contribution

- Frontend: React
- Backend: Node.js
- Database: Mangodb Atlas (Mangodb Cloud Server)
- Frontend: Yutong Gao, Yang Li
- Backend: Yang Li, Yutong Gao

YouTube Video Link:

<https://youtu.be/bGAlEutm8IE>