

Instruction for running the application- Zecan Liu

1. Install Dependencies: Make sure you have Node.js and npm (Node Package Manager) installed on your system.

2. Install Required Packages: In the terminal, run the following command to install the required packages mentioned in your code.

This command will install Express and other necessary packages:

npm install express ejs bootstrap mongoose

3. Run the Application: In the terminal, navigate to the directory where the main file ('server.js') is located. Run the following command to start the application:

node server.js

4. Access the Application:

- Open a web browser and navigate to: `http://34.129.1.135:8080` to access the default route that serves the `index.html` file.

- To access the add event form: <http://34.129.1.135:8080/zecan/event/add>

- To view the list of all events: <http://34.129.1.135:8080/zecan/event/listall>

- To view the list of sold-out events: <http://34.129.1.135:8080/zecan/event/listsoldout>

- To view events by category (replace :catID with an actual category ID):

<http://34.129.1.135:8080/zecan/category/:catID>

- To remove an event (replace ?id=eventID with an actual event ID):

<http://34.129.1.135:8080/zecan/event/remove?id=eventID>

- To view event details (replace :eventID with an actual event ID):

<http://34.129.1.135:8080/32418361/event/:eventID>

A2 paths can be tested through postman. Routes provided below.

Task	Method	Pathname	Description	Example
T2-1	POST	/zecan/api/v1/add-event	Insert new event	http://localhost:8080/zecan/api/v1/add-event
T2-2	GET	/zecan/api/v1/events	List all events	http://localhost:8080/zecan/api/v1/events
T3	DELETE	/zecan/api/v1/delete-event	Delete events by ID	http://localhost:8080/zecan/api/v1/delete-event
T4	PUT	/zecan/api/v1/update-event	Update event name and capacity by ID	http://localhost:8080/zecan/api/v1/update-event

One thing to note is that when adding new events, the 'startDateTime' format is different from the one in assignment specification:

Assignment spec version: { "name": "Event6", "description": "Desc ",
"startDateTime": "2023-08-01", "durationInMinutes": 100, "capacity": 100,
"categories": "CCA-3001,CCA-7895" }

My version(it makes more sense since it should specify the time as well):

```
{  
  "name": "Sold out",  
  "description": "Desc ",  
  "startDateTime": "2023-08-01T10:00:00Z",  
  "durationInMinutes": 100,  
  "capacity": 100,  
  "ticketsAvailable": 0,  
  "categories": "CCA-3001,CCA-7895"  
}
```

Task	Method	Pathname	Description	Example
T2-1	POST	/zecan/api/v1/add-event	Insert new event	http://localhost:8080/zecan/api/v1/add-event
T2-2	GET	/zecan/api/v1/events	List all events	http://localhost:8080/zecan/api/v1/events
T3	DELETE	/zecan/api/v1/delete-event	Delete events by ID	http://localhost:8080/zecan/api/v1/delete-event
T4	PUT	/zecan/api/v1/update-event	Update event name and capacity by ID	http://localhost:8080/zecan/api/v1/update-event

Task	Method	Pathname	Description	Example
T1	GET	/zecan/event/add	Provide form to user to add event	http://localhost:8080/zecan/event/add
T1	POST	/zecan/event/add	Send user input to database	http://localhost:8080/zecan/event/add
T2	GET	/zecan/event/listall	List all events	http://localhost:8080/zecan/event/listall
T3	GET	/zecan/event/listsoldout	List Sold-out events	http://localhost:8080/zecan/event/listsoldout
T4	GET	/zecan/category/:catID	List events under a particular category	http://localhost:8080/zecan/category/CME-3339
T5	GET	/zecan/event/remove	Delete Event By ID	http://localhost:8080/zecan/event/remove?id=EGB-3703

Instruction for running the application - Carter Chin

To perform the various endpoints for category related task just type in these urls in your browser (there are some minor changes to the pathname compared to assignment1):

localhost:8080/category/32418361/add

localhost:8080/category/32418361/listall

localhost:8080/category/32418361/search-category

localhost:8080/category/32418361/delete-category

localhost:8080/32418361/event/:eventID

And A2 paths can be tested using postman. With the routes included in the table.

Task	Method	Pathname	Description	Example
T2-1	POST	/api/v1/category/32418361/add	Inset new Category	http://localhost:8080/api/v1/category/32418361/add
T2-2	GET	/api/v1/category/32418361/list	List all categories	http://localhost:8080/api/v1/category/32418361/list
T3	DELETE	/api/v1/category/32418361/update	Delete category by ID	http://localhost:8080/api/v1/category/32418361/update
T4	PUT	/api/v1/category/32418361/delete	Update category	http://localhost:8080/api/v1/category/32418361/delete

Routes from A1

Task	Method	Pathname	Description	Example
T1	GET	/category/32418361/add	Add Category	http://localhost:8080/category/32418361/add
T2	GET	/category/32418361/listall	List All Categories	http://localhost:8080/category/32418361/listall
T3	GET	/category/32418361/search-category	List Categories by Keyword	http://localhost:8080/category/32418361/search-category?keyword=default
T4	GET	/32418361/event/:eventID	Event Detail Page	http://localhost:8080/32418361/event/ZGO-8579
T5	GET	/category/32418361/delete-category	Delete Category by ID	http://localhost:8080/category/32418361/delete-category