

Proj-gauchoride-s24-5pm-5: Release Notes

Changes for Users

1. Improved labels for DriverAvailabilities Create Page

- Form labels improved
- Bad/missing input error messages added/improved
- Added example inputs
- Added dropdown for choosing day instead of free form

Before & After:

driverId

day

startTime

endTime

notes

Create

Cancel

driverId

Day of Week

Select a Day

Availability Start

Enter time in the format HH:MM AM/PM (e.g. 3:30PM)

Availability End

Enter time in the format HH:MM AM/PM (e.g. 3:30PM)

Notes

e.g. Busy on Monday

Create

Cancel

Now users can choose day, instead of typing it

driverId

Select a Day

Monday

Tuesday

Wednesday

✓ Thursday

Friday

Saturday

Sunday

Please enter time in the format HH:MM AM/PM (e.g., 3:30PM).

Availability End

as

Please enter time in the format HH:MM AM/PM (e.g., 3:30PM).

Notes


e.g. Busy on Monday

Notes are required.

Create Cancel

2. Improve readability of shift table headers

- Before, the table headers had some headings that were uppercase and some that were lower case.
- After the update, all the words have the first letter capitalized.

 Gauchoride H2Console Swagger Admin ▾ Shifts ▾ Ride Request ▾ Chat ▾ Drivers Page Apply to be a Rider [Welcome, Riley Chou](#) [Log Out](#)

Shifts

[Create Shift](#)

id	Day	Shift Start	Shift End	Driver	Backup Driver	Edit	Delete	Info
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3. Made "Apply to be rider" not visible to non-user

- Originally, the Apply to be a Rider button was visible even if the user is not logged in, which is not the expected behavior
- After the update, only logged in users are able to see the tab and access its page

Before	
After	

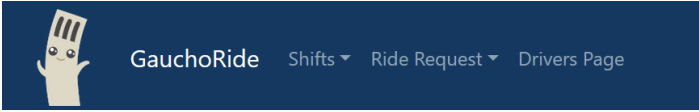
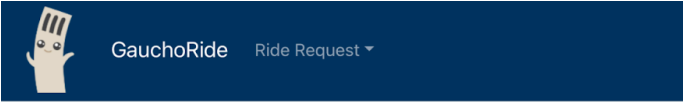
4. Fixed ride form wrong date error text

- Changed from "start" and "end" time to "pick up" and "drop off" time.

Before	After
<p>Pick Up Time</p> <p>Enter time in the format HH:MM AM/PM (e.g. 3:30PM)</p> <p>Start time is required.</p> <p>Drop Off Time</p> <p>Enter time in the format HH:MM AM/PM (e.g. 3:30PM)</p> <p>End time is required.</p>	<p>Pick Up Time</p> <p>Enter time in the format HH:MM AM/PM (e.g. 3:30PM)</p> <p>Pick Up Time is required.</p> <p>Drop Off Time</p> <p>Enter time in the format HH:MM AM/PM (e.g. 3:30PM)</p> <p>Drop Off Time is required.</p>

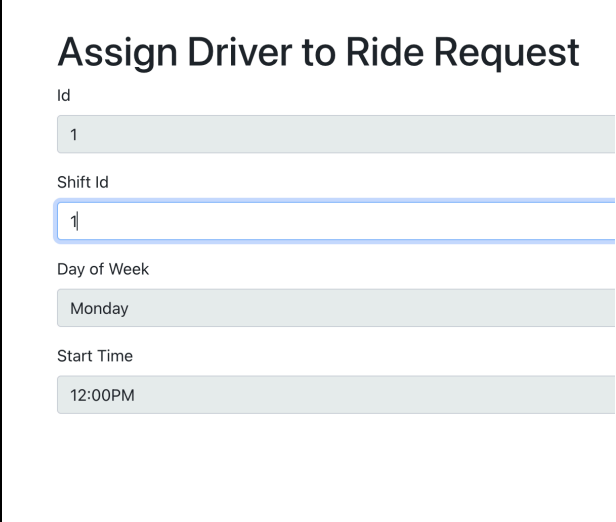
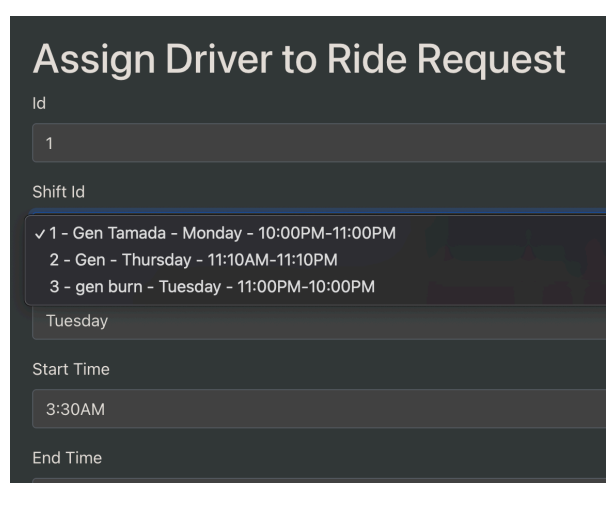
5. Updated which tabs appear for “Rider” users on the navbar

- Originally, users that were tagged as “Rider” saw more tabs which they should not have had access to, specifically the “Shifts” dropdown tab and the “Drivers Page” tab.
- Now, these don’t appear, and only the “Ride Request” dropdown tab shows up.

Before	After
	

6. Admin can assign driver from dropdown in Assign Driver page

- Originally, admins needed to memorize the driver Id that they want to assign to a ride request, which was very unintuitive
- Now, there is a dropdown that admins can select drivers from, which also contains their name and shift time, making it easier to choose from

Before	After
	

7. User can select driver id from dropdowns in shift form

- Originally, users needed to memorize the driver Id that they want to assign to a shift, which was very unintuitive
- Now, there is a dropdown that users can select drivers from, which also contains their name, making it easier to choose from

Before	After
<p>Driver ID</p> <p>1</p> <p>Driver Backup ID</p> <p>2</p> <p>Create Cancel</p>	<p>Driver ID</p> <p>3 - gen burn</p> <p>Driver Backup ID</p> <p>✓ 1 - Gen Tamada</p> <p>2 - Gen</p> <p>3 - gen burn</p>

8. Users can see which rides have been assigned to a driver

- Before, riders and drivers would not be able to check if a ride had actually been taken by a driver
- Now, when any user looks at the table of rides, there is an additional column that shows whether or not the ride has been assigned to a driver

The image displays two side-by-side screenshots of the GauchoRide application, labeled 'Before' and 'After', illustrating a UI change.

Before: The 'Ride Requests' page features a table with the following columns: id, Day, Course #, Pick Up Time, Drop Off Time, Pick Up Building, Pick Up Room, Drop Off Building, Drop Off Room, Notes, Edit, and Delete. A 'Create Ride Request' button is located in the top right corner of the table area.

After: The 'Ride Requests' page has been updated. The table now includes an additional 'Status' column. The 'Edit' and 'Delete' buttons are now colored red. A new 'Log Out' button has been added to the top right navigation bar, next to the 'Welcome, Texas_Vissanacanda' text. The 'Create Ride Request' button remains in the top right corner of the table area.

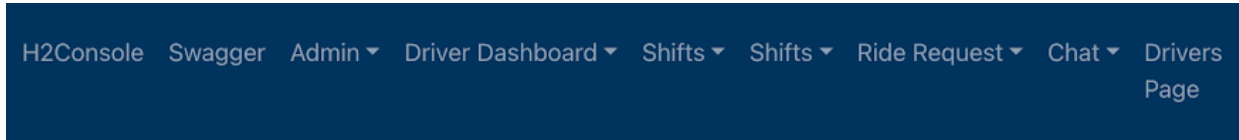
9. Removed the input for driver Id from Driver Availability form

- Originally, drivers needed to input their own driver Id in order to submit the Driver Availability form, which was very unintuitive because it is always the same for any driver
- Now, the input is completely gone, and current user's driver Id is added to the POST request in the backend automatically
- Also, added a check such that the Get single, Delete, and Edit requests only allow availability entries of this specific user/driver.

Before	After
<div><h3>Submit New Driver Availability</h3><div>driverId</div><div>1</div><div>day</div><div></div><div>startTime</div><div></div></div>	<div><h3>Submit New Driver Availability</h3><div>Day of Week</div><div>Select a Day</div><div>Availability Start</div><div>Enter time in the format HH:MM AM/PM (e.g. 3:30PM)</div></div>
<div><h3>Edit Driver Availability</h3><div>id</div><div>1</div><div>driverId</div><div>1</div><div>day</div><div>Tuesday</div><div>startTime</div><div>12:30AM</div></div>	<div><h3>Edit Driver Availability</h3><div>id</div><div>1</div><div>Day of Week</div><div>Monday</div><div>Availability Start</div><div>03:30PM</div></div>

10. BUG FIXED: Duplicate Shift tabs in Navbar

- Navbar duplicate shift tab if an user is both an admin and a driver
 - Logic error with how user authorization is checked
- Fixed the logic error such that it is always one or the other



11. Feature: Admin table should not move entries after a toggle button is pressed.

Before:

id	First Name	Last Name	Email	Admin	Driver	Rider	Toggle Admin	Toggle Driver	Toggle Rider
5	Kate	Larrick	katelarrick@ucsb.edu	true	false	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
1	Andrew	Peng	andrewpeng@ucsb.edu	true	true	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
2	Brady	Gin	bradygin@ucsb.edu	false	false	true	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
4	Gen	Tamada	gtamada@ucsb.edu	true	true	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
3	Aasish	Virjala	aasish@ucsb.edu	true	true	true	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>

User clicks toggle button

id	First Name	Last Name	Email	Admin	Driver	Rider	Toggle Admin	Toggle Driver	Toggle Rider
3	Aasish	Virjala	aasish@ucsb.edu	true	false	true	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
4	Gen	Tamada	gtamada@ucsb.edu	true	true	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
2	Brady	Gin	bradygin@ucsb.edu	false	false	true	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
1	Andrew	Peng	andrewpeng@ucsb.edu	true	true	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>
5	Kate	Larrick	katelarrick@ucsb.edu	true	false	false	<button>Toggle Admin</button>	<button>Toggle Driver</button>	<button>Toggle Rider</button>

After: Added a sort function to sort table list and created tests for mutation testing and unit tests. Entries are sorted based on userid.

Users

id	First Name	Last Name	Email	Admin	Driver	Rider	Toggle Admin	Toggle Driver	Toggle Rider
1	Mai	Dang	maidang@ucsb.edu	true	false	false	Toggle Admin	Toggle Driver	Toggle Rider
6	Riley	Chou	rileychou@ucsb.edu	true	false	false	Toggle Admin	Toggle Driver	Toggle Rider

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User Clicker toggle button

ChromeFileEditViewHistoryBookmarksProfilesTabWindowHelp

ChatGPTInbox (8,198) - maidang000Inbox (8,198) - maidang000Inbox (3,727) - maidang@u...React App

localhost:8080/admin/users

GauchoRide

H2ConsoleSwaggerAdminShiftsRide RequestChatDrivers PageApply to be a Rider

Welcome, Mai DangLog Out

Users

id	First Name	Last Name	Email	Admin	Driver	Rider	Toggle Admin	Toggle Driver	Toggle Rider
1	Mai	Dang	maidang@ucsb.edu	true	true	false	Toggle Admin	Toggle Driver	Toggle Rider
6	Riley	Chou	rileychou@ucsb.edu	true	false	false	Toggle Admin	Toggle Driver	Toggle Rider

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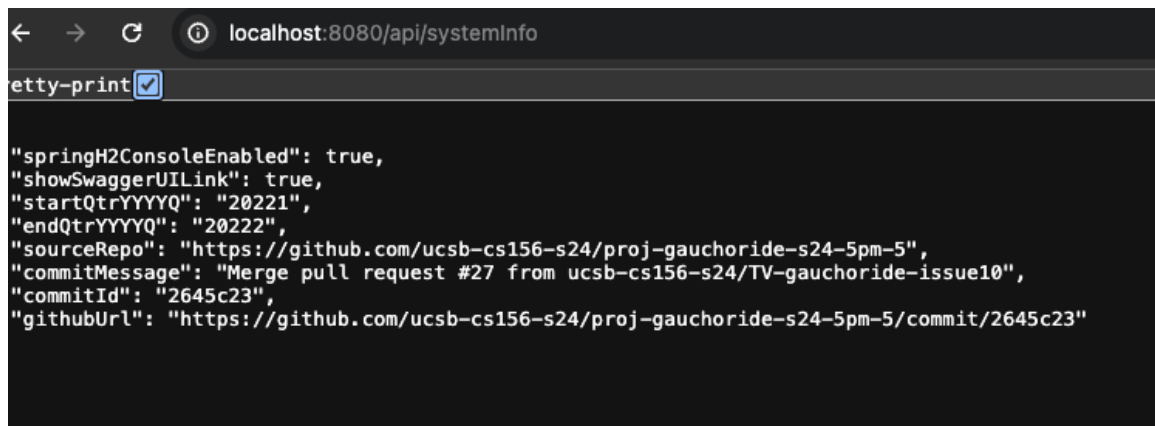
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Changes for Developers

1. Exposed commit info at /api/systemInfo

- Shows sourceRepo and latest commit-ID, even if not logged in
- Provides transparency about what version of the code is running in any given deployment.
- Access it by going to the endpoint /api/systemInfo.



The screenshot shows a web browser window with the address bar displaying `localhost:8080/api/systemInfo`. The page content is a JSON response from the `etty-print` endpoint. The JSON object contains the following fields:

```
"springH2ConsoleEnabled": true,
"showSwaggerUILink": true,
"startQtrYYYYQ": "20221",
"endQtrYYYYQ": "20222",
"sourceRepo": "https://github.com/ucsb-cs156-s24/proj-gauchoride-s24-5pm-5",
"commitMessage": "Merge pull request #27 from ucsb-cs156-s24/TV-gauchoride-issue10",
"commitId": "2645c23",
"githubUrl": "https://github.com/ucsb-cs156-s24/proj-gauchoride-s24-5pm-5/commit/2645c23"
```

2. Github repo link not hardcoded anymore

- Before, Github hyperlink on footer routed to hardcoded github repo
- Now, it is dynamic and based on repo specified in systemInfo

3. Upgraded to Spring Boot 3

- Before, it was using Spring Boot 2.
- Many of the dependencies in pom.xml are upgraded to newer versions, and the code was changed to reflect those new packages.

4. DriversController API Access

- DriversController API was specified such that even regular users could get information about all and specific drivers

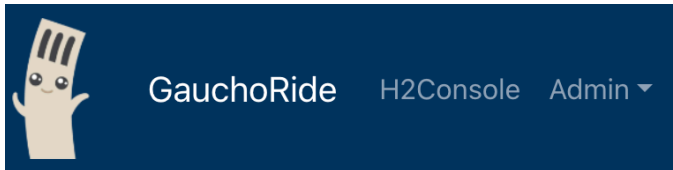
- Now when logged in as a user, you can not access the `api/drivers/` endpoint as seen below

5. Added swagger navbar switch in .env

- Developers can turn visibility of Swagger tab in navbar off by setting this value in `.env`

Unset


```
SHOW_SWAGGER_UI_LINK=false
```



Welcome to **UCSB** G

6. BUG FIXED: SQL query string “day” conflict with reserved keyword

- Shift Index page was broken, and shows that the SQL query string "day" was not found
 - Rider Request index page was broken and had same issue
 - Driver Availabilities index page was broken and had same issue
- Added explicit format changes to the table such that there are quotation marks used around “day”
 - Likely a change from Spring-boot 2 to Spring-boot 3 also changed reserved keywords


GauchoRide
H2Console
Swagger
Admin
Driver Dashboard
Shifts
Shifts
Ride Request
Chat
Drivers
Welcome Gen Tamada
Log Out

Shifts

id	Day	Shift Start	Shift End	Driver	Backup Driver	Edit
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could not prepare statement [Syntax e
["]day,s1_0.driver_backupid,s1_0.driv
s1_0"; expected "identifier"; SQL state
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0 [42001-214]] [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]; SQL [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]

could not prepare statement [Syntax e
["]day,s1_0.driver_backupid,s1_0.driv
s1_0"; expected "identifier"; SQL state
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0 [42001-214]] [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]; SQL [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]

could not prepare statement [Syntax e
["]day,s1_0.driver_backupid,s1_0.driv
s1_0"; expected "identifier"; SQL state
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0 [42001-214]] [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]; SQL [select
s1_0.id,s1_0.day,s1_0.driver_backupi
from shift s1_0]

7. BUG FIXED: Frontend using wrong endpoint

- Driver Availabilities index page had the wrong endpoint
 - Driver Availabilities Admin index page also had the wrong endpoint
 - Rider Application page also had the wrong endpoint
- Changed the endpoints to the correct ones, and tested locally
 - Likely a merge conflict occurred that was never discovered until now

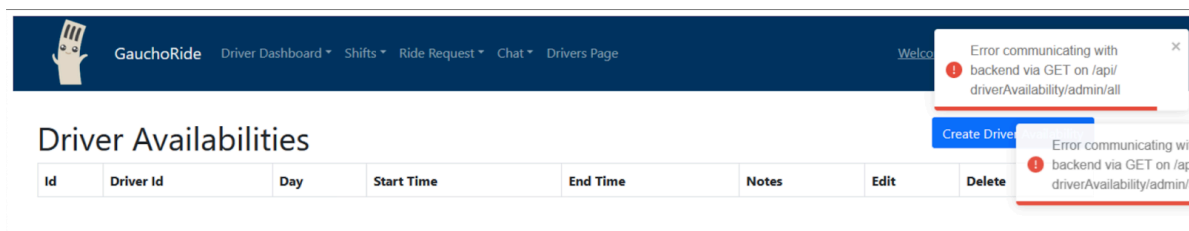

GauchoRide
H2Console
Swagger
Admin
Driver Dashboard
Shifts
Shifts
Ride Request
Chat
Drivers
Welcome Gen Tamada
Log Out

Driver Availabilities

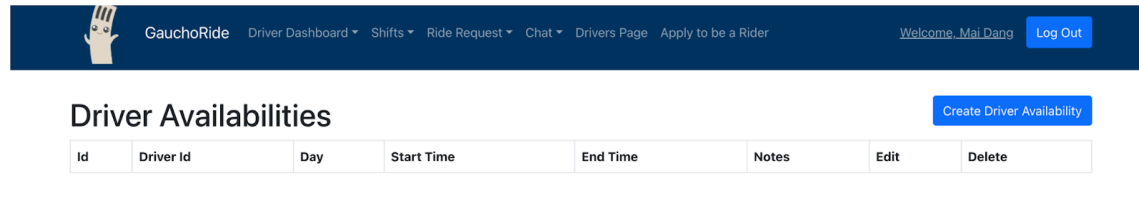
Id	Driver Id	Day	Start Time	End Time	Notes	Review
<div>No message available</div>						

8. BUG FIXED: Driver viewing driver availabilities table results in the backend error

Before: There are errors when accessing the “Driver Availabilities” page, this is because the endpoints being use is the admin’s endpoint and not driver’s endpoint.

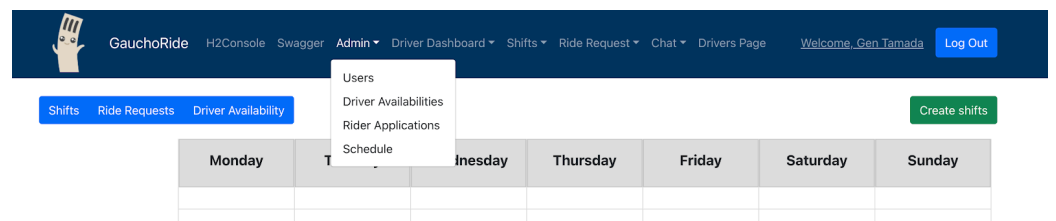


After: Changed endpoint from api/admin/all to all/driver/All

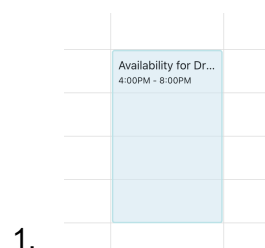


9. Scheduler Event, Panel, and Page, with tests

- Would be able to display all forms of information with a weekly day, start time and end time
 - i. Heavily inspired by google calendar
 - ii. Thought that it would be more intuitive if users can look at this instead of a table with all the information
- Currently only proof of concept, so only admins can access this test page in admin dropdown

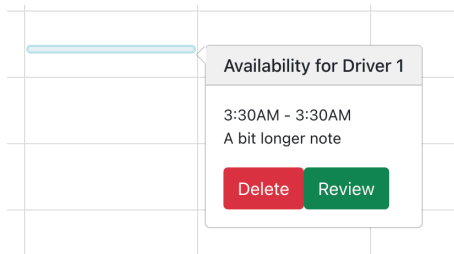


- Scheduler Event
 - i. The block that represents the individual events that gets mapped onto the scheduler
 - ii. Position represents the start of the event and which day it happens on, and its height represents the length of the event.



- iii. When clicked, the component would show a pop over, showing all the title, time, description, and actions that can be performed.
 1. The reason this extra display exists is because if the duration of any event is small, it would hide the texts because there is no space
 2. Pop over would be needed for the user to still see the detailed information.

3.



- iv. Can display all data of this specific format

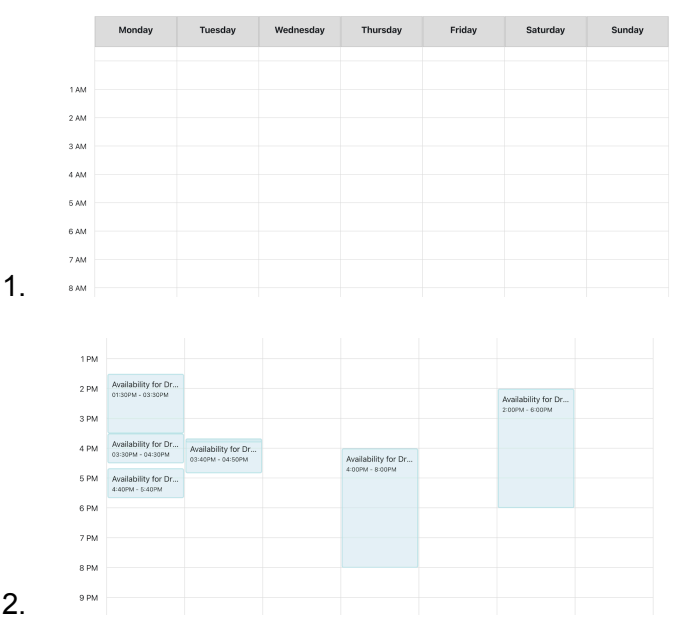
JavaScript

```
{
  title: "Meeting with Team",
  day: "Tuesday",
  startTime: "2:00PM",
  endTime: "4:00PM"
  description: "Going to discuss about what to do in the future"
  actions: [
    {
      text: "Modify",
      variant: "primary",
      callback: modifyFunction()
    },
    {
      text: "Delete",
      variant: "danger",
      callback: deleteFunction()
    }
  ]
}
```

- Scheduler Panel

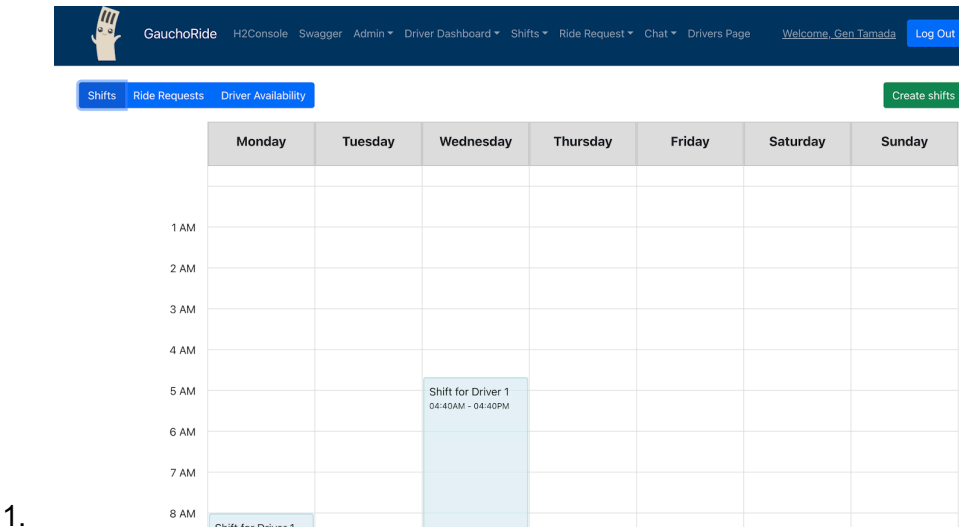
- i. The "table" that contains the grid for hours, days of the week, and where the individual events will map onto

ii. Also a wrapper for all the scheduler event components

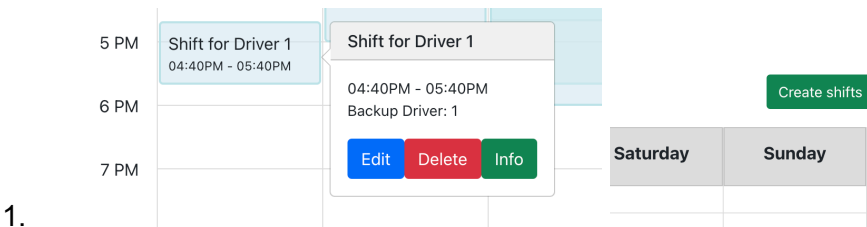


○ Scheduler Page

- i. A wrapper for the scheduler panel component
- ii. Also contains some buttons that can be helpful for developers to see the resulting data display or create new ones



iii. Shifts



iv. Ride Requests

1.

Availability for Dr...

03:40PM - 04:50PM

Availability for Driver 1

03:40PM - 04:50PM

nanan

Delete

Review

Create driver

aturday

Sunday

v. Driver Availability

1.

Ride Request for Gen ...

Ride Request for Gen Tamada

3:30AM - 4:00AM

From Building A to Building B

Edit

Delete

Assign Driver

Create rides

Saturday

Sunday