Gauchoride Release Notes: s24-5pm-7

Summary of Changes For Users

1. Drivers Controller Bug
   - Previously, the list of drivers and the list of users below were available to regular users. Now, these lists are only available to users with the Admin role.
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2. Pickup and Dropoff Bug (Aneesh, PR #21)
   - This bug was fairly simple to fix, all I had to do was change the button labels on the RideForm.js form from "Start time is required" to "Pick Up Time is required" and "End time is required." to "Drop Off Time is required." The purpose of these changes was to make the ride request form more user friendly by giving a better

explanation of the components required to fill it out. The changes are highlighted below and are shown when a user doesn't include the pickup and drop off time for their ride request.

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3. Navbar fix for rider (Adil, PR #24)

- For this issue, I was tasked with fixing how the navbar looks for user with the role of rider. Before, we had a rider able to see the dropdown for shifts and drivers page. I changed Appnavbar.js so that a rider cannot see these dropdown menus with a simple if

statement change.
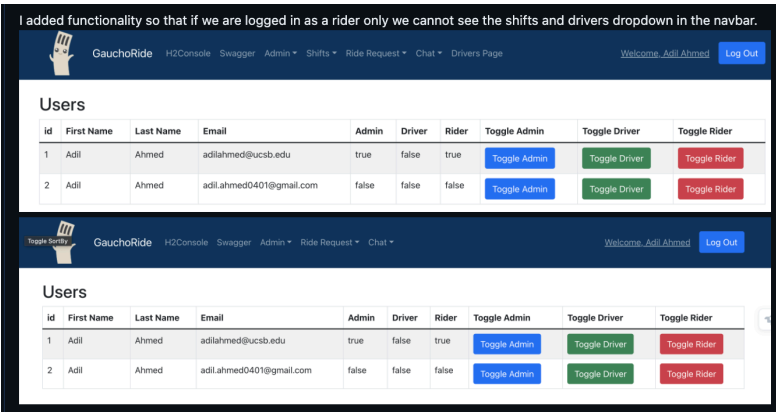
- Automate User 'Rider' Role Toggling (Grace, PR #25)

  - I added functionality to the RideApplicationEditForm.js file that automatically gives the 'Rider' role to a user when their rider application is approved by admin.

4. Ride Table Assign (Adil, PR #27)

- I changed the ride table js to account for whether the ride had been assigned or not. It is based on the shift_id. So if the shift id is 0, it has not been assigned, but if the shift_id is not 0, it has been assigned. The proper changes show up in the ride table itself with a new column indicating whether it has been assigned or not.

5. Apply to Rider Page not visible to users not logged in

- Before, Users who are not login could see a button "Apply to be a Rider" in the header bar. Clicking it will show a 404 page.

- Now users have to login to use the Web-App.

6. Driver availability bug (Koray, PR #38)

  - We fixed a bug where users with just a driver role were not able to see driver availabilities and it would result in 404 backend error toasts. Previously, only admins had the authorization rights to view driver availabilities and this was how the page looked like for non-admin users:
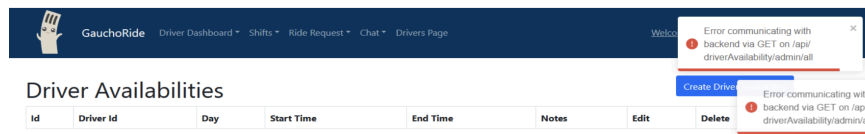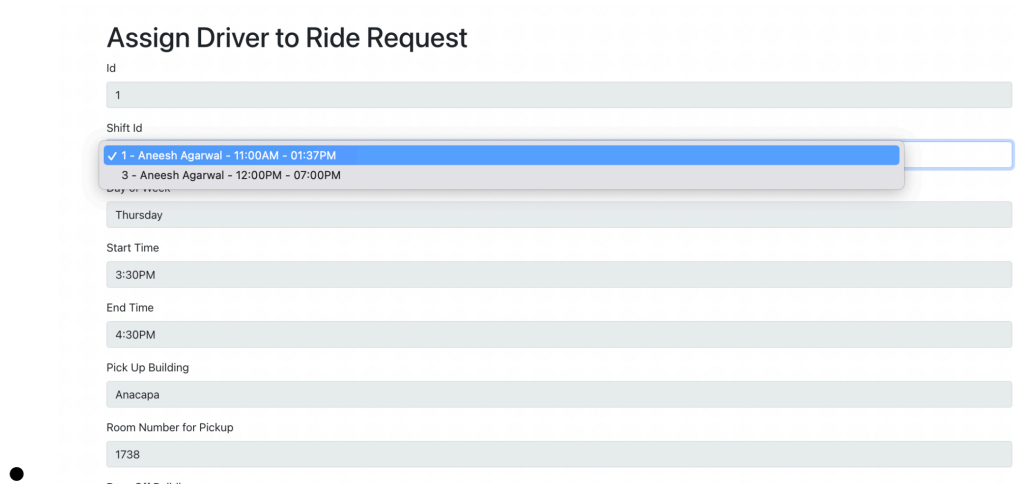
  - We modified the frontend api calls to use the non-admin backend endpoint so that non-admin users can now see driver availabilities with no toasts. Now the page looks like this:
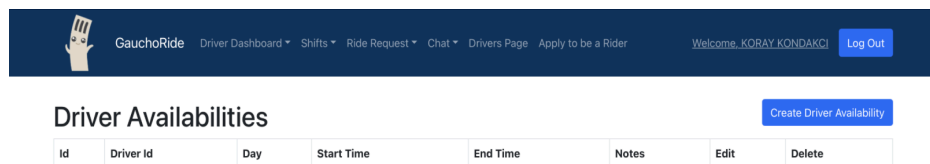
7. Dropdown feature added (Aneesh, PR #39)

  - The dropdown feature I added was needed when an admin wanted to assign a driver to an existing ride request. The change I made was to make the shift id component a dropdown menu so an admin could see who all was available to

complete the given ride request. This feature required me to make a backend API

calls to access all the shifts and drivers so I could match the shift-id of with the

actual drivers so I could also display the personal information for the dropdown

including their name and the time of their shift, the feature is highlighted below.

8. Swagger option on navbar (Grace, PR #46)

   ● This change allows the user to control the Swagger link on the app navbar. If the

      Dokku config variable SWAGGER_UI_LINK is set to true, the Swagger link

      appears. If the variable is set to false, the Swagger link doesn't appear.
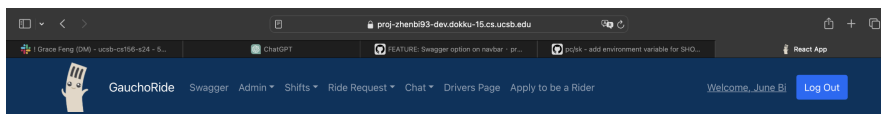
Welcome to **UCSB** GauchoRide!

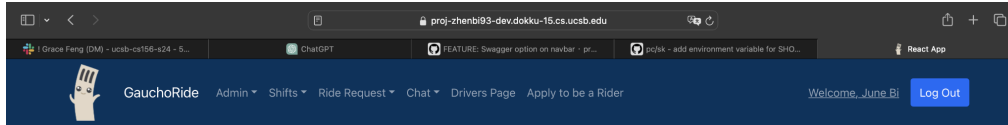**About this application**

This app is being built by the students of CMPSC 156 at UCSB to assist an effort to provide transportation for UCSB students with mobility issues to be better able to get to and from class.

The first iteration of this app was created with a simple goal in mind: to make navigating to and from school as quick and easy as possible by connecting students in need with available drivers. As the app progresses, we hope to add new features and make improvements for a better overall experience for our users.

This app is a class project of CMPSC 156 at UCSB. Check out the source code on GitHub.

See our privacy policy

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9. Improve readability of Shift table headers

   ● We improved the readability of Shift Table headers by capitalizing multiple words. Navigate to the "Shifts" Table, Drivers or Admins will see that the headers of shifts table have a different style with other's headers.
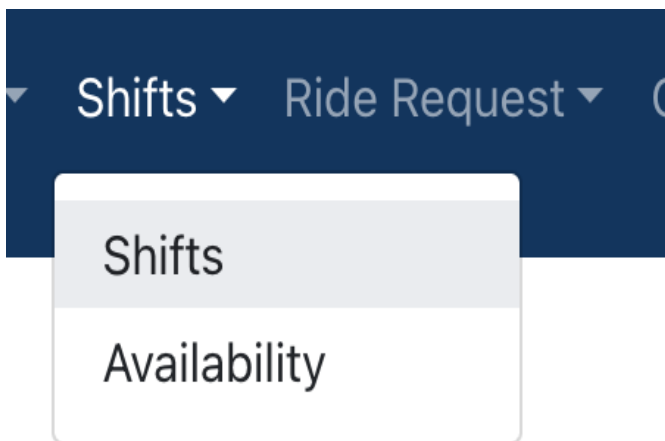
Driver Availabilities

Id	Driver Id	Day	Start Time	End Time	Notes	Review

Shifts

Create Shift

id	Day	Shift start	Shift end	Driver	Backup driver	Edit	Delete	Info
1	Monday	11:00AM	02:00PM	1	1	Edit	Delete	Info

Shifts

Create Shift

id	Day	Shift Start	Shift End	Driver	Backup Driver	Edit	Delete	Info

10. Improve usability of admin Driver availabilities (Koray, PR #50)
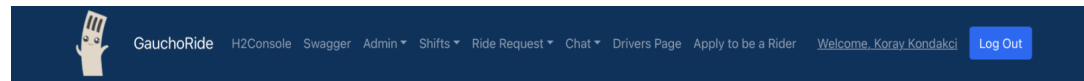
- We improved the usability of the admin Driver Availability page by adding a new feature and removing an unnecessary button. We modified the driver id to be a hyperlink that takes you to a page with information on that driver. We also got rid of the Review button since it had no real purpose. This was what the page looked like previously:

GauchoRide   H2Console Swagger Admin▾ Driver Dashboard▾ Shifts▾ Ride Request▾ Chat▾ Drivers Page Apply to be a Rider Welcome, Koray Kondakci   Log Out
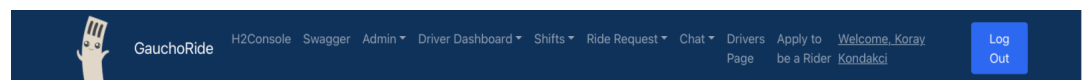
Driver Availabilities

Id	Driver Id	Day	Start Time	End Time	Notes	Review
1	1	Monday	11:00AM	12:00AM	asd	Review
2	2	Tuesday	10:00AM	11:00AM	qwe	Review

This is what it looks like currently:

- Now, when you click on the driver id, you can view the information on that driver:

- Another bug fix implemented was that the Return button on this page always took you back to the Shifts page when clicked. It is now fixed so that it takes you back to the previous page correctly every time.

11. Fixed Form labels on driver availability form page (Grace, PR #52)

- Improved usability of the driver availability form page by formatting form labels and error messages (capitalization, spacing).
- I also had to modify the preexisting test cases to match the new form labels.

Submit New Driver Availability

Driver ID

Driver ID is required.

Day

Day is required.

Start Time

Start Time is required.

End Time

End Time is required.

Notes

Notes are required.

[Create] Cancel

This app is a class project of CMPSC 156 at UCSB. Check out the source code on GitHub.

13. Admin table should not move entries after a toggle button is pressed (Koray, PR #54)

- We added an implementation to sort the user entries in Users Table which is visible to admins. We sorted the users by their driving id's in increasing order so that the table remains constant. Previously, toggling a user role (admin, driver, or rider) moved the user entry to the bottom of the table.

Users Table before toggling "Driver" for Aasish Virjala:

Users Table after toggling "Driver" for Aasish Virjala:

- With the new sorting logic, the table remains constant as the users are fixed to their positions according to their driver id's. This feature enhances user experience by maintaining a predictable table order for the users.

The Users Table after the feature implementation:

As we can see, the users are sorted by their driving id's in increasing order and the order doesn't change even if a user role is toggled.

Summary of Changes For Developers
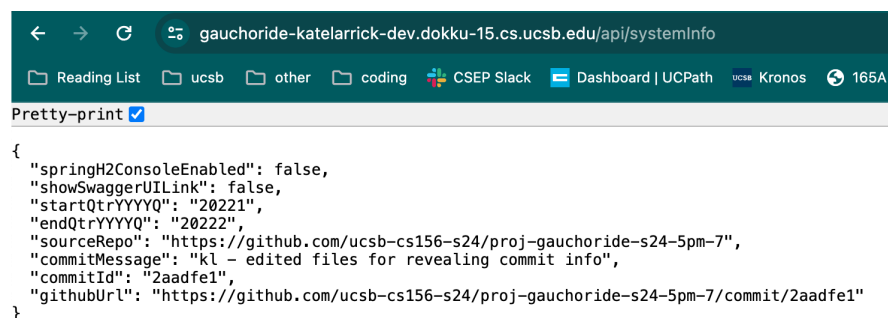
1. Update backend to Spring Boot 3 (Grace, PR #47)

   - I modified imports throughout the code to update its compatibility to Spring Boot 3. I tested my code by making a dokku deployment with my changes. The update

from Spring 2 to Spring 3 should make the code more secure and introduce new features.

- [Dokku deployment link](#)

2. Added API that shows most recent commit info

   - Adding /api/systemInfo to the end of the web app URL now shows an API with the information about the most recent Github commit that has been deployed to dokku, as shown below:

   - ○
   - ○ In this example, the most recent commit is linked at the gihubURL, and the message associated with the commit is "kl - edited files for revealing commit info"
   - ○ This helps developers know which commit is deployed on running code.
   - Note for developers: these three dokku commands must be done first
     - ○ dokku git:set appname keep-git-dir true
     - ○ dokku config:set appname SOURCE_REPO=<link to repo>
     - ○ dokku ps:rebuild appname

3. Incorrect interpretations of "day" field in Driver Availability Backend (Grace, PR #48)

   - The "day" fields in certain test cases were initially populated with numerical dates, which suggested that drivers were only available on that single date, rather

than that day of the week. To fix this misinterpretation, I swapped these dates with

days of the week (e.g. "05/19/2024" → "Monday").