README

Cheng Zhang

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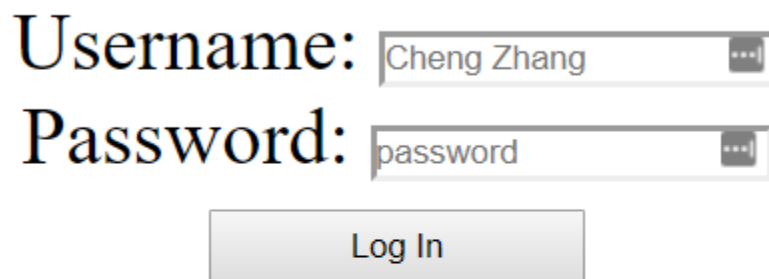
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1.

Create a user account

A user can choose to be either a passenger or a driver.
A user can create a **passenger** account by click "user" button and follow instructions.

To register as a **driver**:
If you already have an user account:
Click driver and then:

Username: Cheng Zhang

Password: password

Log In

Register as a driver!

To fill in all your vehicle information and you can become a driver.

myUber

Drive Registration

Username: [   ]
Password: [5 to 10 characters!]
Real name: [Kyrie Irving]
Vehicle type: [   ]
License number: [   ]
Car space: [numbers]
Special info: [None ▼]

[Sign Up]

Then click sign up.

If you don't have an account yet:

An alert will pop up at the bottom:

Car space: [numbers]
Special info: [None ▼]

[Sign Up]

Please create a account at first clik here to create an account

If you click the link, you can create an account and will go back to main page.
Then click driver and click register to be a driver to fill in all the blanks again.
After that you can login as a driver.

2.

Login with a valid user account

Once successfully registered, a user can go back to main page and login with a valid user account.

3.

Handle login failure with an invalid user account

In our implementation, the length of password must be in the range of 5 to 10 characters. If user type in a password not in the ranger, an alert will appear near the blank.
If a user type in the wrong password, the website would refresh and an error message saying "Password or username is wrong" or "You don't have an account yet" will show up beneath the login button.

4.

Logout from a user session

A user can log out by clicking the top right button "log out".

5.

User should be able to register as a driver by entering their personal & vehicle info

A user can choose driver at the main page to register as a driver.

6.

User should be able to view and edit their driver status as well as personal & vehicle info

The way to edit driver's info is to click

7.

User should be able to submit a ride request by specifying the required and any combination of the optional info

After login as a passenger, a user can fill in the first 3 blanks and optionally fill in the last 3 blanks to request a ride. Below is a demo:

Request a ride

Destination: [Hudson Hall]
Arrival time [12:24 AM]
Number of passengers [4]
Vehicle type [optionally]
If you want to share the ride [True ▾]
Any special request [None ▾]

[Request]

8.

User should be able to make a selection to view any non-complete ride they belong to

A user can click "view your all uncompleted ride" to view any non-complete ride they belong to

9.

User should be able to make a selection to edit any open ride they belong to.

A user can first click "view your all uncompleted ride" to view uncompleted rides. Then select the one he/she wants to edit. Then he/she would be navigated to User edit page, where user can input in the fields he/she intends to change and click Edit/delete.

Below are several demos:

Example of changing Destination:

Wait drivers to respond, you can edit your ride before it is confirmed or sharer join in

Ride ID	Destination	Arrive Time	Driver	Sharer	Number of owner party	Number of sharer party	Status	Vehicle type	Special Info
7	The belmont	12:24 a.m.	None	None	4	0	O		None

Destination: Erwin Road   Arrive time: -- : -- --

Number of passenger

Vehicle type

Any special request None ▼

Edit/delete(no blank filled)

Refresh

Example of changing Special info:

Wait drivers to respond, you can edit your ride before it is confirmed or sharer join in

Ride ID	Destination	Arrive Time	Driver	Sharer	Number of owner party	Number of sharer party	Status	Vehicle type	Special Info
7	The belmont	12:24 a.m.	None	None	4	0	O		Disabled Equipment

Destination: Arrive time: -- : -- --

Number of passenger

Vehicle type

Any special request Infant care ▼

Edit/delete(no blank filled)

Refresh

Example of deleting ride:

myUber

Wait drivers to respond, you can edit your ride before it is confirmed or sharer join in

Ride ID	Destination	Arrive Time	Driver	Sharer	Number of owner party	Number of sharer party	Status	Vehicle type	Special Info
7	The belmont	12:24 a.m.	None	None	4	0	O		Disabled Equipment

Blank ⟶ Destination: [_____]   Arrive time: [-- : -- --]

Number of passenger [_____]

Vehicle type [_____]

Any special request [Disabled Equipment ▼]

Leave all blanks blank and match special request to delete a ride.

Edit/delete(no blank filled)

Refresh

Status O means "Open"

10.

A ride owner should be able to edit the requested attributes of a ride until that ride is confirmed

Once confirmed, user is no longer able to edit ride info. User would be navigated to a view status page automatically.

11.

User should be able to view all ride details for any open ride they belong to

A user can click "view your all uncompleted ride" to view any non-complete ride they belong to.

12.

User should be able to view all ride details + driver and vehicle details for any confirmed ride they belong to

Once confirmed, user can view all the required information on a view status page.

Your Ride Info

Ride ID	Destination	Arrive Time	Driver	Owner	Sharer	Number of owner party	Number of sharer party	Status	Vehicle type
9	shanghai	9:03 p.m.	pony	nibo	None	1	0	D	jeep

Status D means "During" aka confirmed.

13.

User should be able to search for sharable, open ride requests (by destination, arrival window, and # of passengers)

A user can fill in all the blanks and search for ride requests. Only the matched requests will show up. An open ride can only has one owner and one sharer.

Note that "Hudson Hall" is different from "Hudson hall", letter case matters.

14.

User should be able to join a ride returned in a search as described in requirement #13

If an open ride is found, sharer can join that ride by clicking a choice radio and share button. Then sharer will be navigated to a view status page. To edit a ride, sharer need to cancel and do all the things again.

15.

A registered driver should be able to search for open ride requests (filtered by the driver's vehicle capacity and type / special info, if applicable)

A driver's main page displays all the matched rides by default. If a driver edit his profile and return to the main page, search result would be updated accordingly.

16.

A registered driver should be able to mark a selected ride (returned from a search as described in requirement #15) as confirmed (thus claiming and starting the ride)

See picture below:

Destination	Arrive Time	Owner	Sharer	Number of owner party	Number of sharer party	Vehicle type	Special Info	Choice
Hudson Hall	noon	nibo	jack	2	1	1	None	◉

Select

Refresh

17.

An email should be sent to the owner and any sharers of a ride once it is confirmed by a driver

Recommend to use Gmail or Outlook mails. If our server failed to connect to your mail address, an exception would be thrown and the website can function as normal.

18.

A driver should be able to see a list of their confirmed rides

Hi~, driver pony log out

View your confirmed ride

Edit your profile

ID	Destination	Arrive Time	Driver	Owner	Number of passengers	Status	Vehicle type	Special_Info	Choice
9	shanghai	9:03 p.m.	pony	nibo	1	D	jeep	None	○
8	Hudson Hall	12:24 a.m.	pony	nibo	4	D	jeep	None	○
12	Hudson hall	11:11 a.m.	pony	nibo	1	D	jeep	None	○
10	Hudson hall	noon	pony	nibo	2	D	jeep	None	○

Select

19.

A driver should be able to select a confirmed ride and view all of the ride details

ID	Destination	Arrive Time	Driver	Owner	Number of passengers	Status	Vehicle type	Special_Info	Choice
9	shanghai	9:03 p.m.	pony	nibo	1	D	jeep	None	◉
8	Hudson Hall	12:24 a.m.	pony	nibo	4	D	jeep	None	○
12	Hudson hall	11:11 a.m.	pony	nibo	1	D	jeep	None	○
10	Hudson hall	noon	pony	nibo	2	D	jeep	None	○

Select

ID	Destination	Arrive Time	Owner	Sharer	Number of owner party	Number of sharer party	Vehicle type	Special Info
9	shanghai	9:03 p.m.	nibo	None	1	0	jeep	None

Complete

details

20.

A driver should be able to edit a confirmed ride for the purpose of marking it complete after the ride is over

ID	Destination	Arrive Time	Owner	Sharer	Number of owner party	Number of sharer party	Vehicle type	Special Info
9	shanghai	9:03 p.m.	nibo	None	1	0	jeep	None

Complete

Click the button to complete a ride