

How to use PointLift

As a User:

- 1) Go to the PointLift Website
- 2) 3 Options are available. Shuttle Request, Bus Rental Request and Shuttle Driver Request. Select the service you need.
- 3) Fill out the required information.
- 4) Once the form is submitted, you will receive an email with your request details and a link if you need to make changes.

As an Administrator:

- 1) Reviewing Requests
 - a) To view the current requests, click on the red “Requests” button in the navigation bar.
 - b) Once opened you can see all current requests, click them to view the details.
 - c) After viewing the details, you can either approve or decline the request.
 - d) If approved you then select a driver and a shuttle and it will then appear in the calendar.
- 2) Modifying the Weekly Schedule
 - a) The weekly schedule appears on the PointLift homepage and is viewable to everyone.
 - b) To change the weekly schedule simply click on it and a window will pop up. Make the desired changes and click submit.
- 3) Drivers
 - a) On the left side you can view the active drivers. If there is some circumstance and a driver needs to be removed, simply click the driver and there is a button to move the selected driver to unavailable drivers.
- 4) Fleet
 - a) On the right side you can view the available shuttles. If a shuttle is suddenly out of order, click it and there is a button to move it to disabled vehicles.
- 5) Bus Company Contact
 - a) This option is available so that you may forward bus rental requests to the desired contact in the bus company.
- 6) Calendar
 - a) The calendar has many 3 view options, month, week, day. You can also view move forward to see requests scheduled in future months.

Key files within the application.

1. Index.js : all routes for PointLift are in this file.
2. Credentials.js : provides access to PointLift's MySql database.
3. Views Directory: all PointLift pages are stored in views.
4. Public Directory: Images, Calendar Files, and JQuery.
5. Node Modules:
6. Database: PointLift requires consistent access to our MySql Database where form data is stored as well as admin accounts, driver accounts, and all shuttle information.

Index.js routes and their functions (app.post and/or app.get):

- 1) User Submitting Requests
 - a) app.post("/bus_request")
 - i) For submitting bus rental requests to the database.
 - b) app.post("/submit_request")
 - i) For submitting shuttle requests to the database.
 - c) app.post("/submit_request2")
 - i) For submitting driver requests to the database.
- 2) Admin Receiving Requests
 - a) app.post("/get_reqs")
 - i) For displaying all requests that have yet to be approved
- 3) Approving or Declining Requests
 - a) app.post("/update_req_status")
- 4) If Approved admin selects driver and shuttle for that particular request
 - a) app.post("/assign_request_to_vehicle")
 - i) Assigns driver to request
 - b) app.post("/assign_request_to_driver")
- 5) Email will be sent to requester upon approval
 - a) Part of the routes in #1
- 6) Get all drivers and shuttles
 - a) app.post("/get_drivers")
 - b) app.post("/get_vehicles")
- 7) Request status (approved, ongoing, completed)
 - a) app.post("/get_reqs_ongoing")
 - b) app.post("/get_reqs_completed")
 - c) app.post("/mark_completed_reqs")
- 8) Check request status
 - a) app.post("/get_reqs_status")
- 9) User can modify initial request

- 10) Send Request to bus rental company
 - a) `app.post("/bus_request")`
 - b)
- 11) Modify/get weekly schedule
 - a) `app.post("/get_weekly_schedule")`
 - i) Post weekly schedule to homepage from database
 - b) `app.post("/myweekly_schedule")`
 - i) Modify Weekly schedule in the database

Describe which pages use which files

- 1) About.handlebars:
 - a) Static Info
- 2) Admin.handlebars:
 - a) `"Get_bus_company_contact"`
 - b)
- 3) Bus_rental_form.handlebars
 - a) `"Busform"`
 - b) `"/submit_request"`
 - c) `"submitform"`
- 4) Van_form.handlebars
 - a) `"Form_container"`
 - b) `"Vanform"`
 - c) `"/submit_request"`
 - d) `"submitform"`
- 5) driver_form.handlebars
 - a) `"Driverform"`
 - b) `"Submitform"`
- 6) Bus_rental_request.handlebars
 - a) `"Request_details"`
 - b) `"busCompany_form"`
 - c) `"request_approve_by_bcompany"`
- 7) Home.handlebars
 - a) `"Vanform"`
 - b) `"Bus_rental_form"`

- c) "Driverform"
 - d) "Schedule_body"
 - e) "get_weekly_schedule"
- 8) Login.handlebars
 - a) "login"
 - b) "register_page"
- 9) My_graph.handlebars
 - a) "myChart"
- 10) Register_page.handlebars
 - a) "Create user"
- 11) View_schedule.handlebars
 - a) \$('calendar') => 'get_events'
- 12) Week_schedule.handlebars
 - a) Display weekly updated schedule
- 13) Welcome_new_user.handlebars
 - a) Welcoming the new user after account has been created
- 14) /layouts/main.handlebars
 - a) "fullCalModal"