# Sprint-4 Artifact: Team Pear

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## To-Do for This Sprint:

- Find the more popular riding service (comparing Uber to other ride companies in 2014)
    - Displayed as a graph comparing the number of rides.
- Compare the number of Uber rides across all available Uber data
    - Display as a graph from the months indicated
- Find the most popular time of day (hour-wise) to get picked up for the different riding services
- Modifying search queries
- Allowing the user to be able to look at multiple riding services
- Restrict date input in search to months available in the data sets
- Add a button that can show the search input on click
- Move the different operations onto separate html pages for clarity
    - Links and buttons, maybe a header

## GUI Elements for Features:

- Graph for Uber outperforming other riding services
- Graphs will be presented as a bar graph for the more popular ride services. It will display the number of rides on the y-axis and the company that provided the rides on the x-axis
- Graphs for the Uber comparison will display the number of rides based on the months given by the user. Applicable dates will be from 2014-04-01 to 2014-09-30
- Pie chart that looks like a clock for most popular time of day
- Header with different operations the user can do

## Incomplete From Last Sprint:

- Implementation of Insert to Uber Rides and FHV Rides data sets
- Implementation of Remove from Uber Rides and FHV Rides data sets
- Implementation of Modify for Uber Rides and FHV Rides data sets
- Storing data sets upon button press

## Completed Tasks:

- Noah: Implement Search by Date for all datasets
- Noah: Implement Search by Time of Day for all datasets
- Noah: Implement Search by Service Type
- Noah: Implement Search by Address for FHV ride services.
- Heidi: Parsing the uber, fhv, cab_rides datasets (universal)
- Heidi: integration of code

- Heidi: comparing uber to another user chosen riding service
- Bao: Completed analytics “Most popular pickup destination in Boston.” (reformatted to match the team’s modules as well as check on test cases)
- Bao: Completed analytics “Most expensive or cheapest service available between Uber and Lyft in Boston.” (reformatted to match the team’s modules as well as check on test cases)