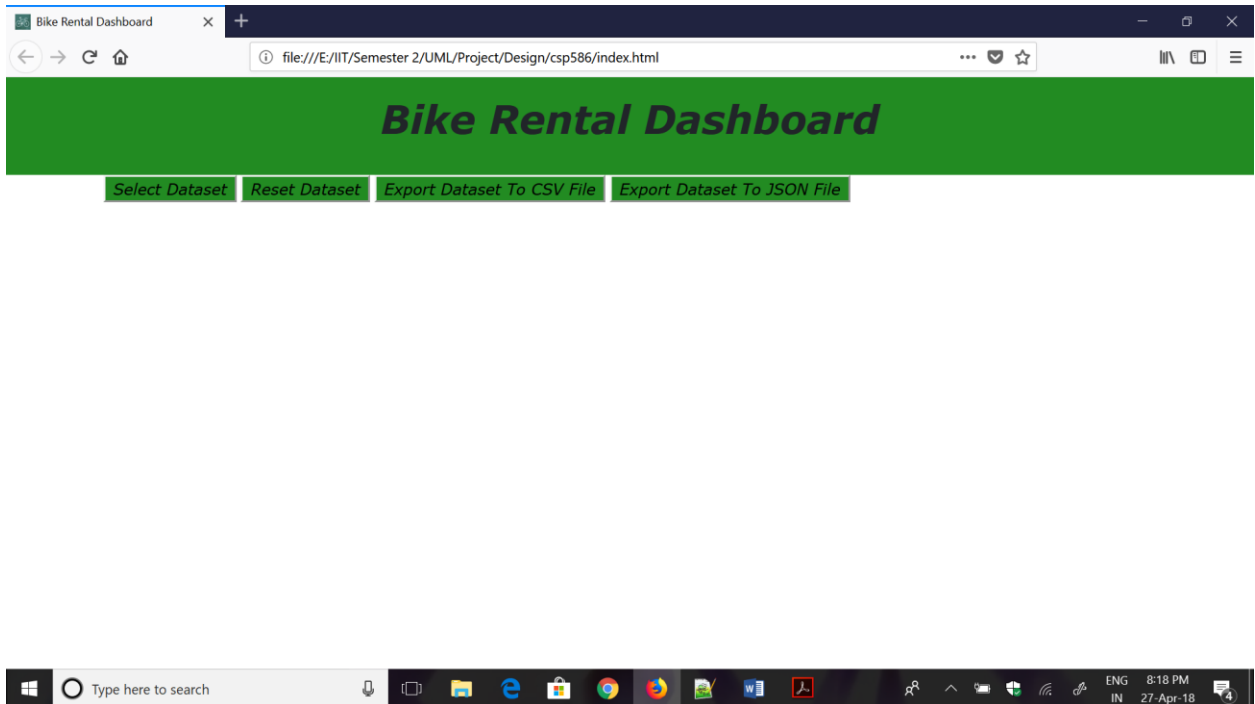
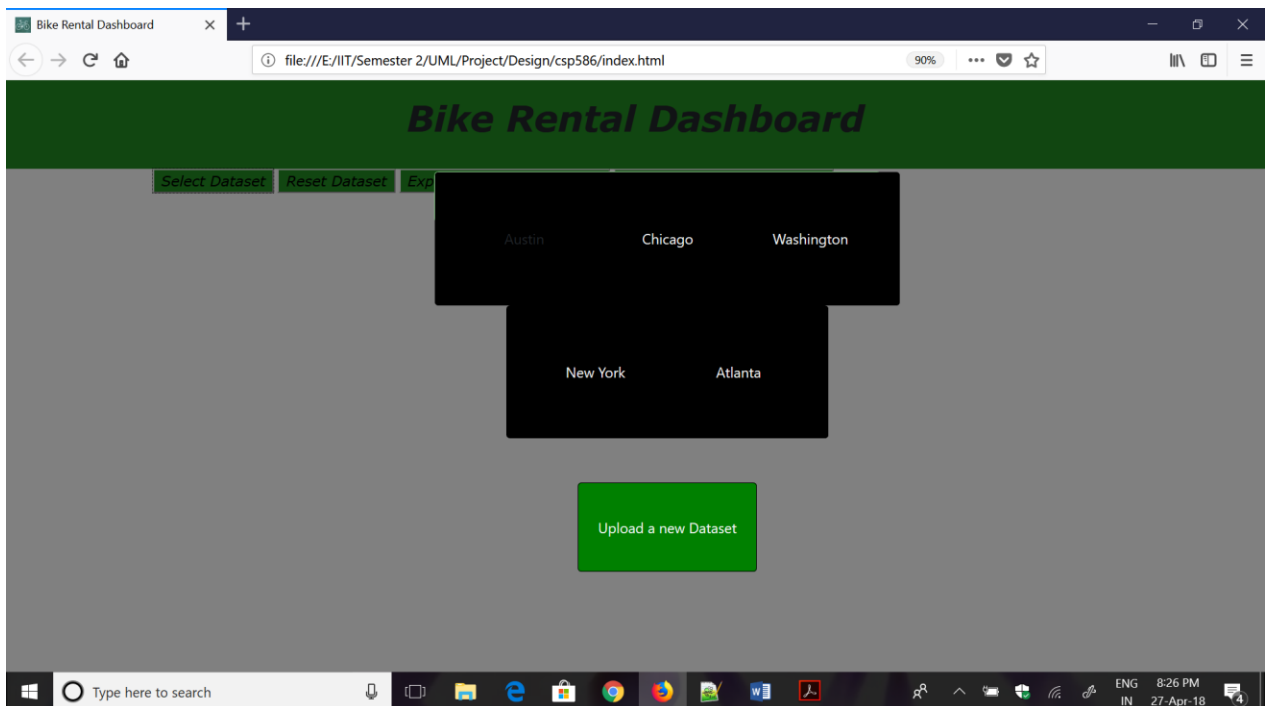


OUTPUT SCREENSHOTS

1. Bike Rental Dashboard



2. Select a Dataset – In this instance select “Austin”



3. Austin Dataset Table

The screenshot shows a web browser window titled "Bike Rental Dashboard" with the URL "file:///E:/IIT/Semester 2/UML/Project/Design/csp586/index.html". The dashboard has a green header bar with buttons: "Select Dataset", "Reset Dataset", "Export Dataset To CSV File", and "Export Dataset To JSON File". Below the header is a table with the following data:

Kiosk ID	Kiosk Name	Kiosk Status	Latitude	Longitude	Location
2537	West & 6th St.	active	30.27041	-97.75046	(30.27041, -97.75046)
2572	Barton Springs Pool	active	30.26452	-97.7712	(30.26452, -97.7712)
2545	ACC - Rio Grande & 12th	closed	30.27595	-97.74739	(30.27595, -97.74739)
1004	Red River & LBJ Library	closed	30.2848	-97.72756	(30.2848, -97.72756)
1008	Nueces @ 3rd	moved	30.26694	-97.74939	(30.26694, -97.74939)
2500	Republic Square	moved	30.26751	-97.74802	(30.26751, -97.74802)
1005	State Parking Garage @ Brazos & 18th	closed	30.27907	-97.73715	(30.27907, -97.73715)

Below the table are buttons: "Show Filters", "Show Charts", and "Show Map". The Windows taskbar at the bottom shows the search bar and various application icons.

4. Load Filters Window

The screenshot shows the same "Bike Rental Dashboard" web browser window, but with the "Load Filters Window" open. The table data is the same as in the previous screenshot. Below the table, there are buttons: "Hide Filters", "Show Charts", and "Show Map". The "Filter Table data by columns:" section has checkboxes for "Kiosk ID", "Kiosk Name", "Kiosk Status", "Latitude", "Longitude", and "Location", all of which are checked. Below this is an "Apply" button. The "Filter Rows By Value:" section has a dropdown menu set to "Kiosk ID" and a text input field with the value "value". There is also an "Apply" button next to the input field. The Windows taskbar at the bottom is the same as in the previous screenshot.

5. Applying Column Filter by unchecking the check box and click apply button

The screenshot shows the 'Bike Rental Dashboard' application. At the top, there are buttons: 'Select Dataset', 'Reset Dataset', 'Export Dataset To CSV File', and 'Export Dataset To JSON File'. Below these is a table with three columns: 'Kiosk Name', 'Kiosk Status', and 'Location'. The table contains 9 rows of data. Below the table, there are buttons: 'Hide Filters', 'Show Charts', and 'Show Map'. Underneath, it says 'Filter Table data by columns:' followed by a list of checkboxes: 'Kiosk ID', 'Kiosk Name', 'Kiosk Status', 'Latitude', 'Longitude', and 'Location'. The 'Kiosk Name', 'Kiosk Status', and 'Location' checkboxes are checked, while 'Kiosk ID', 'Latitude', and 'Longitude' are unchecked.

Kiosk Name	Kiosk Status	Location
West & 6th St.	active	(30.27041, -97.75046)
Barton Springs Pool	active	(30.26452, -97.7712)
ACC - Rio Grande & 12th	closed	(30.27595, -97.74739)
Red River & LBJ Library	closed	(30.2848, -97.72756)
Nueces @ 3rd	moved	(30.26694, -97.74939)
Republic Square	moved	(30.26751, -97.74802)
State Parking Garage @ Brazos & 18th	closed	(30.27907, -97.73715)
South Congress & James	active	(30.25103, -97.74926)
UT West Mall @ Guadalupe	active	(30.28576, -97.74181)

6. Apply Row Filter to the already filtered data or even unfiltered data by selecting a particular column and a value

The screenshot shows the 'Bike Rental Dashboard' application. The table now displays only the kiosks with a status of 'active'. Below the table, the 'Hide Filters', 'Show Charts', and 'Show Map' buttons are visible. Underneath, it says 'Filter Table data by columns:' followed by a list of checkboxes: 'Kiosk ID', 'Kiosk Name', 'Kiosk Status', 'Latitude', 'Longitude', and 'Location'. The 'Kiosk Name', 'Kiosk Status', and 'Location' checkboxes are checked, while 'Kiosk ID', 'Latitude', and 'Longitude' are unchecked. Below this, there is a section for 'Kiosk Status' with a dropdown menu showing 'active' and an 'Apply' button.

Kiosk Name	Kiosk Status	Location
West & 6th St.	active	(30.27041, -97.75046)
Barton Springs Pool	active	(30.26452, -97.7712)
South Congress & James	active	(30.25103, -97.74926)
UT West Mall @ Guadalupe	active	(30.28576, -97.74181)
State Capitol Visitors Garage @ San Jacinto & 12th	active	(30.27336, -97.73805)
Trinity & 6th Street	active	(30.26735, -97.73933)
Pfluger Bridge @ W 2nd Street	active	(30.26717, -97.75484)
Red River & 8th Street	active	(30.26854, -97.73646)
Zilker Park	active	(30.2659, -97.76822)

7. Show Charts Window

The screenshot shows a web browser window with the title 'Bike Rental Dashboard'. The address bar displays the file path: `file:///E:/IIT/Semester 2/UML/Project/Design/csp586/index.html`. The main content area features a table with the following data:

Kiosk ID	Location	Status	Latitude	Longitude	Coordinates
2572	Barton Springs Pool	active	30.26452	-97.7712	(30.26452, -97.7712)
2545	ACC - Rio Grande & 12th	closed	30.27595	-97.74739	(30.27595, -97.74739)
1004	Red River & LBJ Library	closed	30.2848	-97.72756	(30.2848, -97.72756)
1008	Nueces @ 3rd	moved	30.26694	-97.74939	(30.26694, -97.74939)
2500	Republic Square	moved	30.26751	-97.74802	(30.26751, -97.74802)
1005	State Parking Garage @ Brazos & 18th	closed	30.27907	-97.73715	(30.27907, -97.73715)

Below the table, there are three buttons: 'Show Filters' (green), 'Hide Charts' (red), and 'Show Map' (green). Under the heading 'Select Chart Type:', there are four chart type options, each with a dropdown menu set to 'Kiosk ID' and an 'Apply' button:

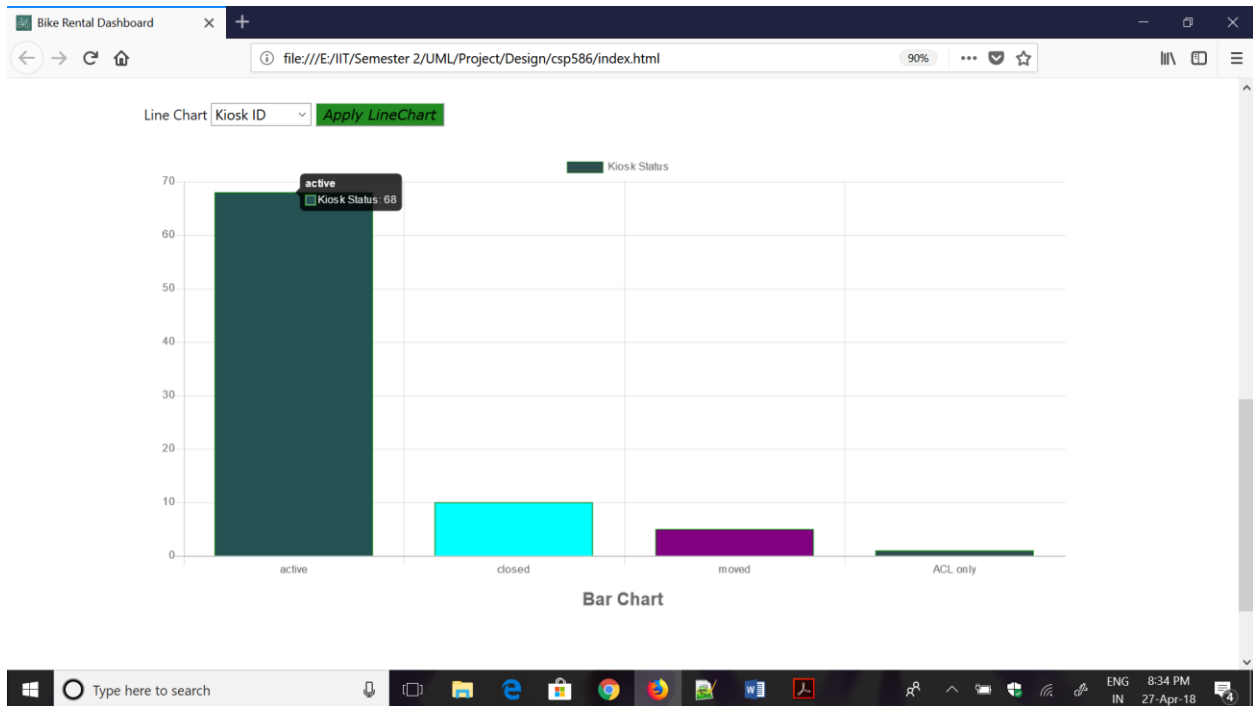
- Bar Chart:
- Pie Chart:
- Doughnut Chart:
- Line Chart:

The Windows taskbar at the bottom shows the system clock as 8:31 PM on 27-Apr-18, with the language set to ENG IN.

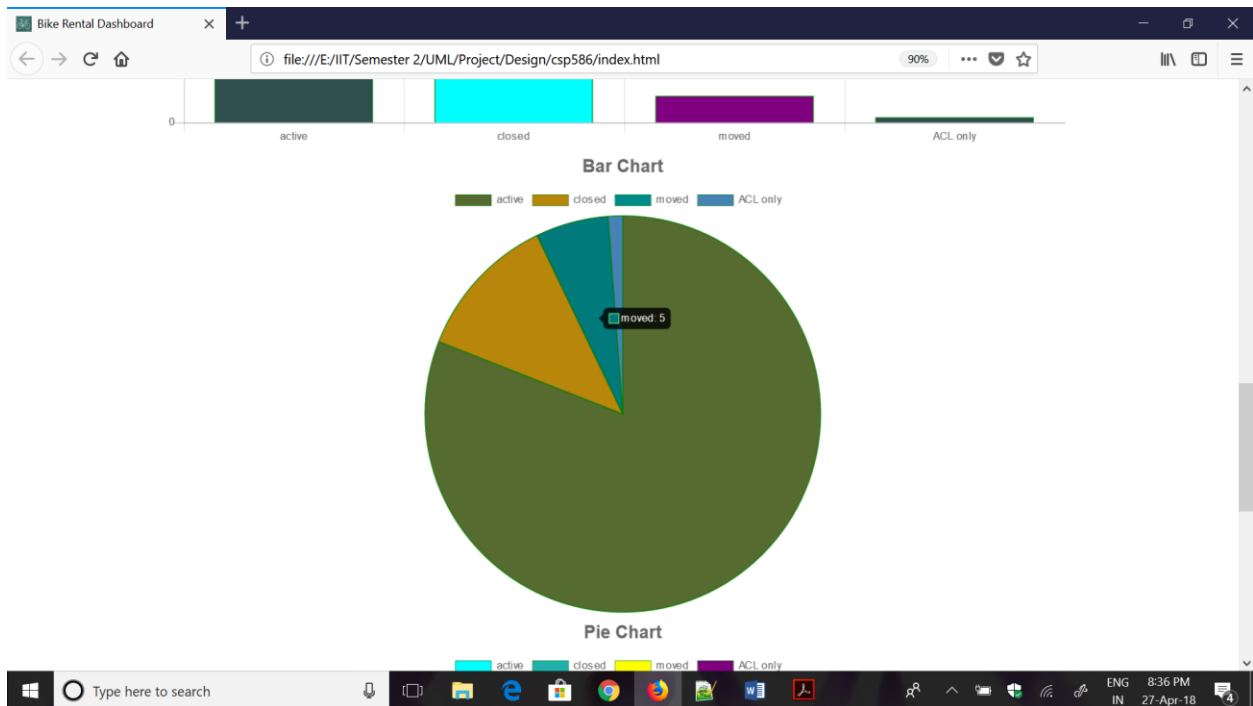
Plot Charts for “Kiosk Status” Column in the dataset

The charts will represent how many stations have bikes that are currently “active”, “closed”, “moved” and “ACL Only”

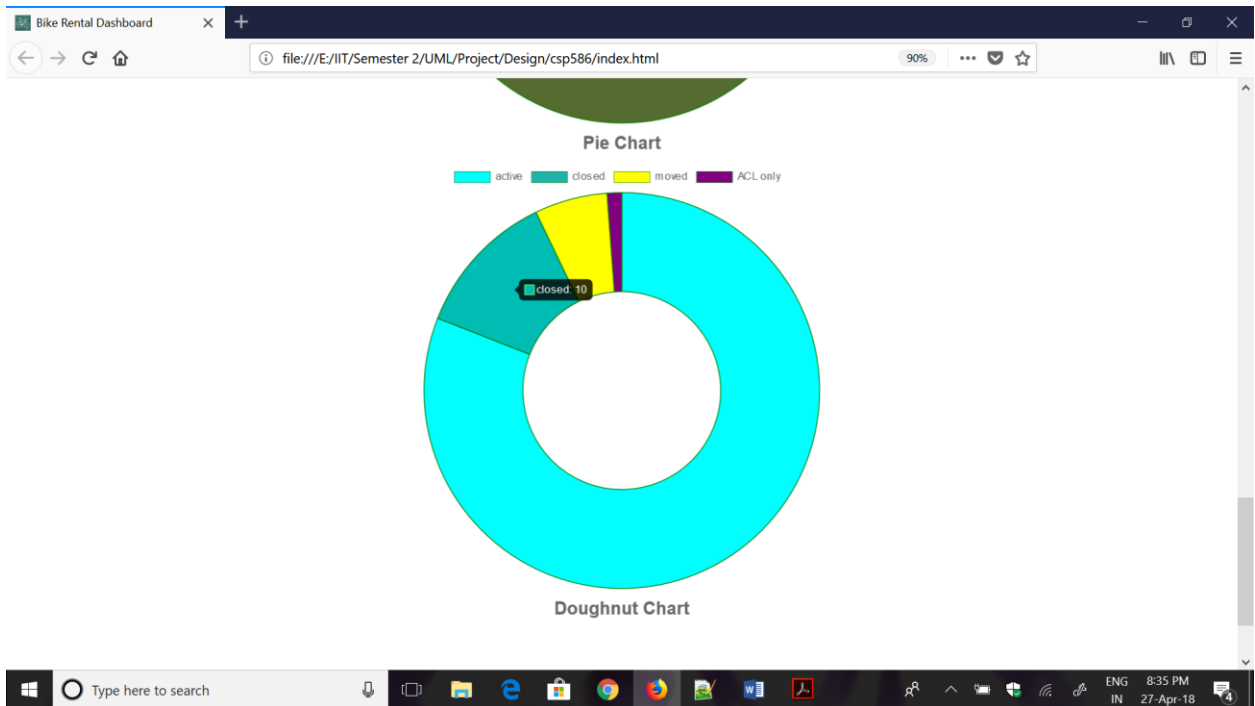
8. Bar Chart



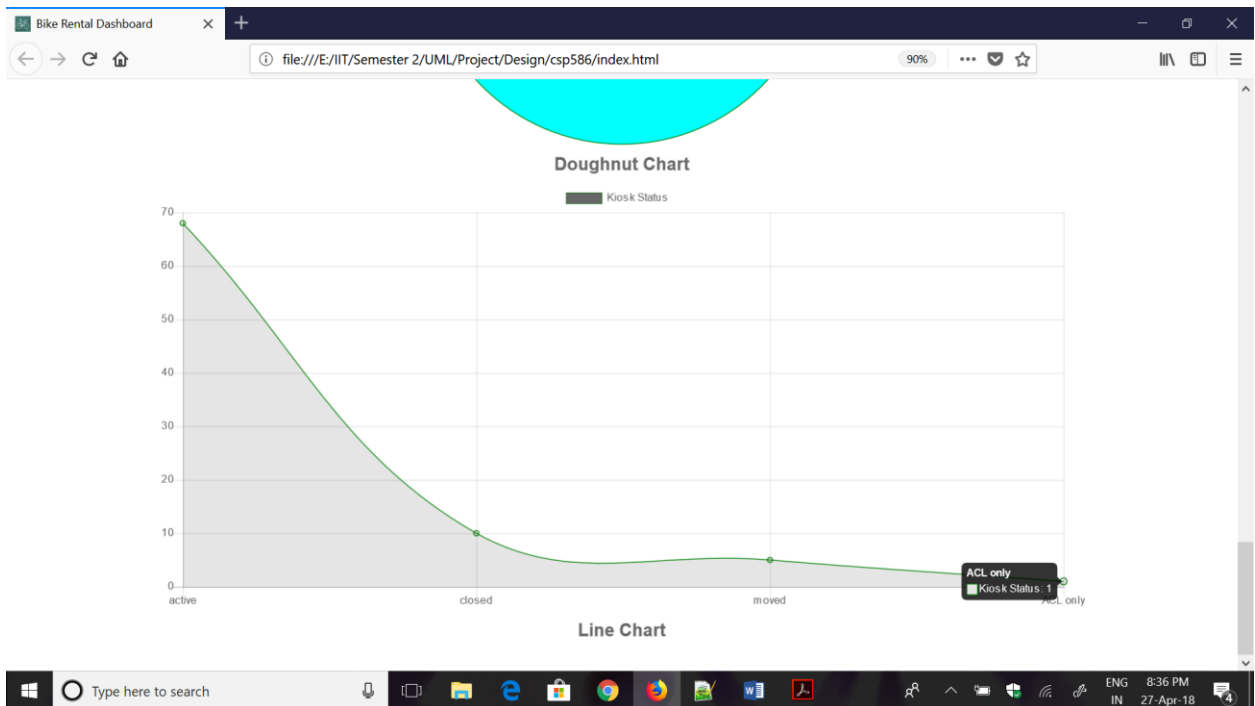
9. Pie Chart



10. Doughnut Chart



11. Line Chart



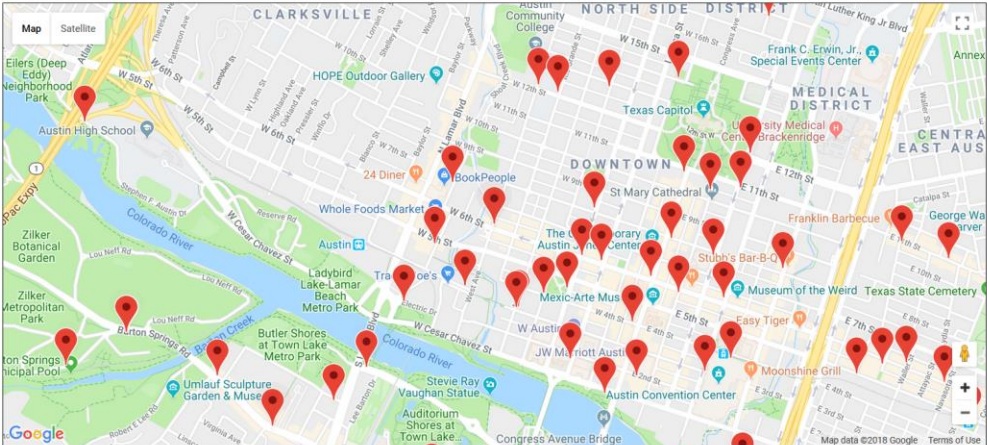
12. Maps

Bike Rental Dashboard

file:///E:/IIT/Semester 2/UML/Project/Design/csp586/index.html

South Congress & James	active	(30.25103, -97.74926)
UT West Mall @ Guadalupe	active	(30.28576, -97.74181)

Show Filters Show Charts Hide Map



Windows taskbar: Type here to search, 8:37 PM, 27-Apr-18

13. Upload a new Dataset

Bike Rental Dashboard

file:///E:/IIT/Semester 2/UML/Project/Design/csp586/index.html

File Upload

Project > Design > csp586

Search csp586

Name	Date modified
css	06-Apr-18 11:51 PM
js	06-Apr-18 11:51 PM
node_modules	06-Apr-18 11:52 PM
atlanta	05-Apr-18 10:48 PM
austin	25-Mar-18 3:22 PM
chicago	30-Mar-18 12:42 PM
connecticut	30-Mar-18 3:12 PM
losangeles	05-Apr-18 10:45 PM
newyork	05-Apr-18 10:52 PM
washington	05-Apr-18 10:54 PM

File name: connecticut *.csv

Open Cancel

	Latitude	Longitude	Location
	30.27041	-97.75046	(30.27041, -97.75046)
	30.26452	-97.7712	(30.26452, -97.7712)
	30.27595	-97.74739	(30.27595, -97.74739)
	30.2848	-97.72756	(30.2848, -97.72756)
	30.26694	-97.74939	(30.26694, -97.74939)
2500 Republic Square	30.26751	-97.74802	(30.26751, -97.74802)
1005 State Parking Garage @ Brazos & 18th	30.27907	-97.73715	(30.27907, -97.73715)

Windows taskbar: Type here to search, 8:39 PM, 27-Apr-18

Display “Connecticut” Data as a Table

The screenshot shows a web browser window with the address `file:///E:/IIT/Semester 2/UML/Project/Design/csp586/index.html`. The page title is "Bike Rental Dashboard". Below the title bar, there are four buttons: "Select Dataset", "Reset Dataset", "Export Dataset To CSV File", and "Export Dataset To JSON File". The main content area displays a table with the following data:

Office	Location	Zip Code	Type	Url	Location 1
Danbury Office	2 Lee Mack Avenue	06810	Hub	http://www.ct.gov/dmv/cwp/view.asp?a=808&q=244582	2 Lee Mack Avenue Danbury, CT 06810 (41.38830726000049, -73.46926109599963)
Hamden Office	1985 State Street	06517	Hub	http://www.ct.gov/dmv/cwp/view.asp?a=808&q=244590	1985 State Street Hamden, CT 06517 (41.33585885600047, -72.89982729299965)
Norwalk Office	540 Main Avenue	06851	Hub	http://www.ct.gov/dmv/cwp/view.asp?a=808&q=244600	540 Main Avenue Norwalk, CT 06851 (41.15498767200046, -73.42393918299967)
Waterbury Office	2210 Thomaston Avenue	06704	Hub	http://www.ct.gov/dmv/cwp/view.asp?a=808&q=244612	2210 Thomaston Avenue Waterbury, CT 06704 (41.59910059900045, -73.05787889099963)
Westport AAA	419 Post Road East	06880	AAA Office	http://www.ct.gov/dmv/cwp/view.asp?a=808&q=244578	419 Post Road East Westport, CT 06880 (41.139933966000456, -73.35038042799965)

Below the table, there are three buttons: "Show Filters", "Show Charts", and "Show Map". The Windows taskbar at the bottom shows the time as 8:39 PM on 27-Apr-18.

14. Export data as a csv file

The screenshot shows the same web browser window as before, but with the "Export Dataset To CSV File" button clicked. A dialog box titled "Opening download.csv" is displayed in the center of the screen. The dialog box contains the following text:

You have chosen to open:

download.csv
which is: Microsoft Excel Comma Separated Values File (6.3 KB)
from: blob:

What should Firefox do with this file?

☐ Open with Microsoft Excel (default)

☒ Save File

☐ Do this automatically for files like this from now on.

There are "OK" and "Cancel" buttons at the bottom of the dialog box. The background table is partially visible, showing the following data:

Kiosk ID	Kiosk Name	Longitude	Location
2537	West & 6th St.	-97.75046	(30.27041, -97.75046)
2572	Barton Springs Pool	-97.7712	(30.26452, -97.7712)
2545	ACC - Rio Grande & 12th	-97.74739	(30.27595, -97.74739)
1004	Red River & LBJ Library	-97.72756	(30.2848, -97.72756)
1008	Nueces @ 3rd	-97.74939	(30.26694, -97.74939)
2500	Republic Square	30.26751	(-97.74802, 30.26751)
1005	State Parking Garage @ Brazos & 18th	30.27907	(-97.73715, 30.27907)

Below the table, there are three buttons: "Show Filters", "Show Charts", and "Show Map". The Windows taskbar at the bottom shows the time as 8:40 PM on 27-Apr-18.

15. Export Data as a JSON File

The screenshot shows the 'Bike Rental Dashboard' with a table of kiosks. A modal dialog is open for 'download.json', which is a 13.3 KB JSON file. The dialog asks 'What should Firefox do with this file?' and offers three options: 'Open with Notepad++', 'Save File' (selected), and 'Do this automatically for files like this from now on.' The table in the background has columns: Kiosk ID, Kiosk Name, Kiosk Status, Longitude, and Location.

Kiosk ID	Kiosk Name	Kiosk Status	Longitude	Location
2537	West & 6th St.		-97.75046	(30.27041, -97.75046)
2572	Barton Springs Pool		-97.7712	(30.26452, -97.7712)
2545	ACC - Rio Grande & 12th		-97.74739	(30.27595, -97.74739)
1004	Red River & LBJ Library		-97.72756	(30.2848, -97.72756)
1008	Nueces @ 3rd		-97.74939	(30.26694, -97.74939)
2500	Republic Square	moved	30.26751	-97.74802 (30.26751, -97.74802)
1005	State Parking Garage @ Brazos & 18th	closed	30.27907	-97.73715 (30.27907, -97.73715)

16. Reset Dataset

Apply Filters

The screenshot shows the 'Bike Rental Dashboard' with a table of kiosks. The table has columns: Kiosk Name, Kiosk Status, and Location. The 'Filter Table data by columns:' section shows that 'Kiosk ID', 'Kiosk Name', 'Kiosk Status', 'Latitude', 'Longitude', and 'Location' are all selected. The table displays 9 rows of data.

Kiosk Name	Kiosk Status	Location
West & 6th St.	active	(30.27041, -97.75046)
Barton Springs Pool	active	(30.26452, -97.7712)
ACC - Rio Grande & 12th	closed	(30.27595, -97.74739)
Red River & LBJ Library	closed	(30.2848, -97.72756)
Nueces @ 3rd	moved	(30.26694, -97.74939)
Republic Square	moved	(30.26751, -97.74802)
State Parking Garage @ Brazos & 18th	closed	(30.27907, -97.73715)
South Congress & James	active	(30.25103, -97.74926)
UT West Mall @ Guadalupe	active	(30.28576, -97.74181)

Apply "Reset Dataset"

Bike Rental Dashboard

Select Dataset Reset Dataset Export Dataset To CSV File Export Dataset To JSON File

Kiosk ID	Kiosk Name	Kiosk Status	Latitude	Longitude	Location
2537	West & 6th St.	active	30.27041	-97.75046	(30.27041, -97.75046)
2572	Barton Springs Pool	active	30.26452	-97.7712	(30.26452, -97.7712)
2545	ACC - Rio Grande & 12th	closed	30.27595	-97.74739	(30.27595, -97.74739)
1004	Red River & LBJ Library	closed	30.2848	-97.72756	(30.2848, -97.72756)
1008	Nueces @ 3rd	moved	30.26694	-97.74939	(30.26694, -97.74939)
2500	Republic Square	moved	30.26751	-97.74802	(30.26751, -97.74802)
1005	State Parking Garage @ Brazos & 18th	closed	30.27907	-97.73715	(30.27907, -97.73715)