

Final Web Application:

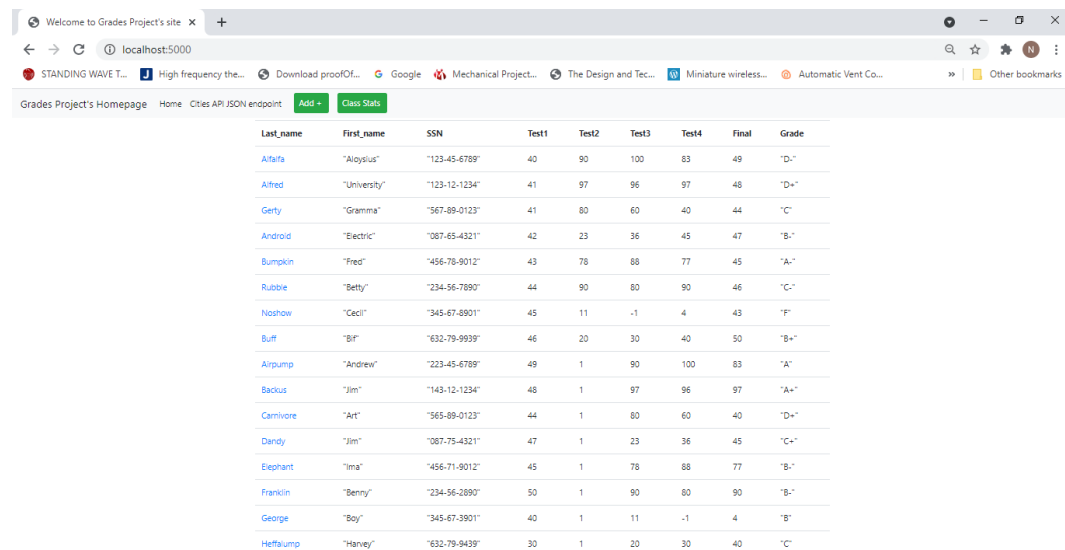
Name: Nirav Patel

ID: 31521709

Project Feature:

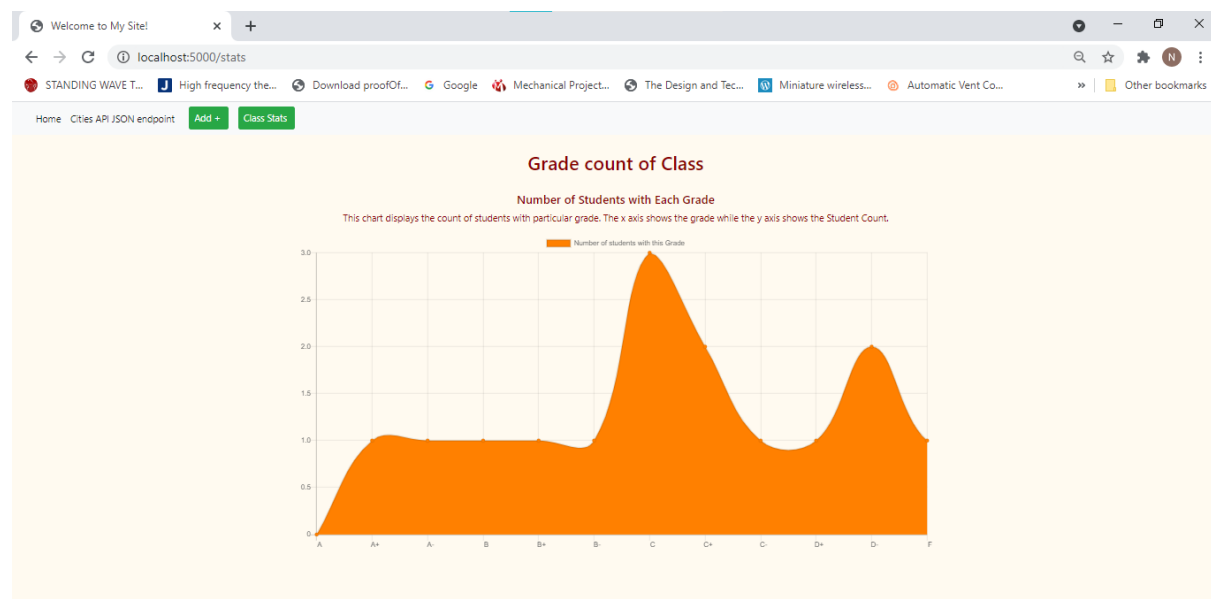
Created a chart feature using chart.js with the available Student Data:

1. Added a Class Stats Button to the database Index, where all the student grades statistics can be seen..

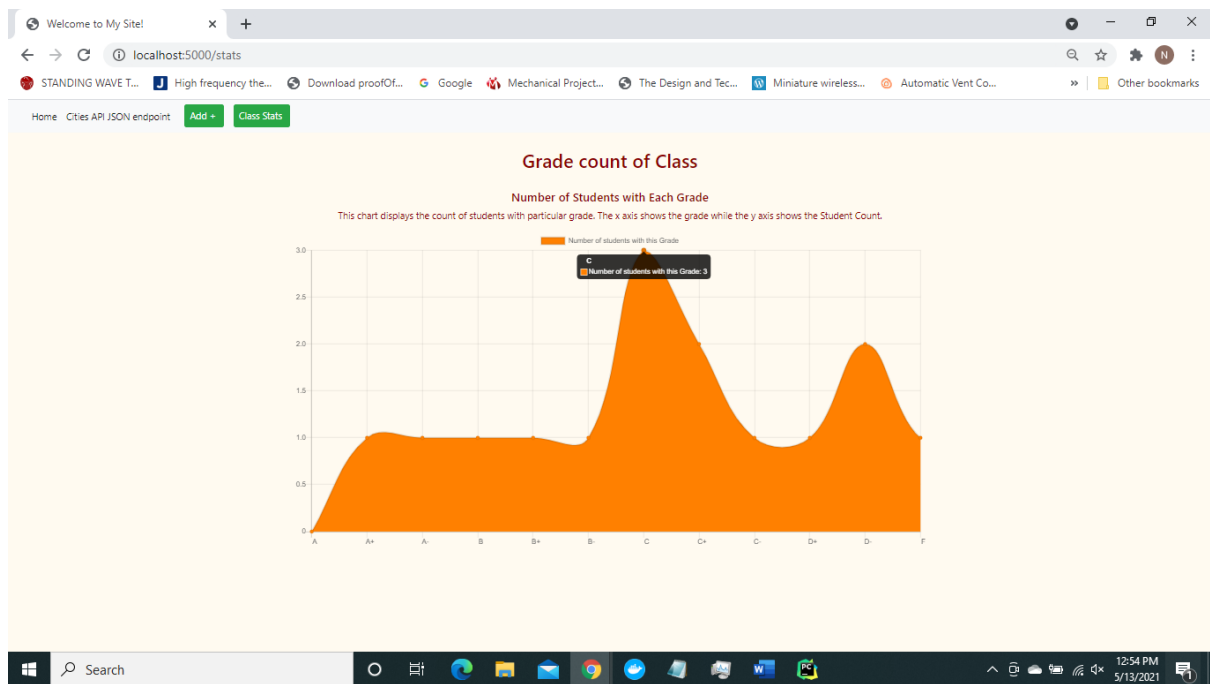


Last_name	First_name	SSN	Test1	Test2	Test3	Test4	Final	Grade
Alfalfa	"Aloysius"	"123-45-6789"	40	90	100	83	49	"D-"
Alfred	"University"	"123-12-1234"	41	97	96	97	48	"D+"
Gerty	"Gramma"	"567-89-0123"	41	80	60	40	44	"C"
Android	"Electric"	"087-65-4321"	42	23	36	45	47	"B-"
Bumpkin	"Fred"	"456-78-9012"	43	78	88	77	45	"A-"
Rubble	"Betty"	"234-56-7890"	44	90	80	90	46	"C-"
Noshow	"Cecil"	"345-67-8901"	45	11	-1	4	43	"F"
Buff	"Biff"	"632-79-9999"	46	20	30	40	50	"B+"
Airpump	"Andrew"	"223-45-6789"	49	1	90	100	83	"A"
Backus	"Jim"	"143-12-1234"	48	1	97	96	97	"A+"
Carnivore	"Art"	"565-89-0123"	44	1	80	60	40	"D+"
Dandy	"Jim"	"087-75-4321"	47	1	23	36	45	"C+"
Elephant	"Ira"	"456-71-9012"	45	1	78	88	77	"B-"
Franklin	"Benny"	"234-56-2890"	50	1	90	80	90	"B-"
George	"Boy"	"345-67-3901"	40	1	11	-1	4	"B"
Heftalump	"Harvey"	"632-79-9439"	30	1	20	30	40	"C"

2. Clicking on that button, will redirect to the Charts page:



3. Toggle on the datapoint gives the detail about that specific Position



- This is a line chart reflecting the variation in number of students for different grades.
- The X- axis shows the Grade category and Y-axis shows the number of students who got that grade.