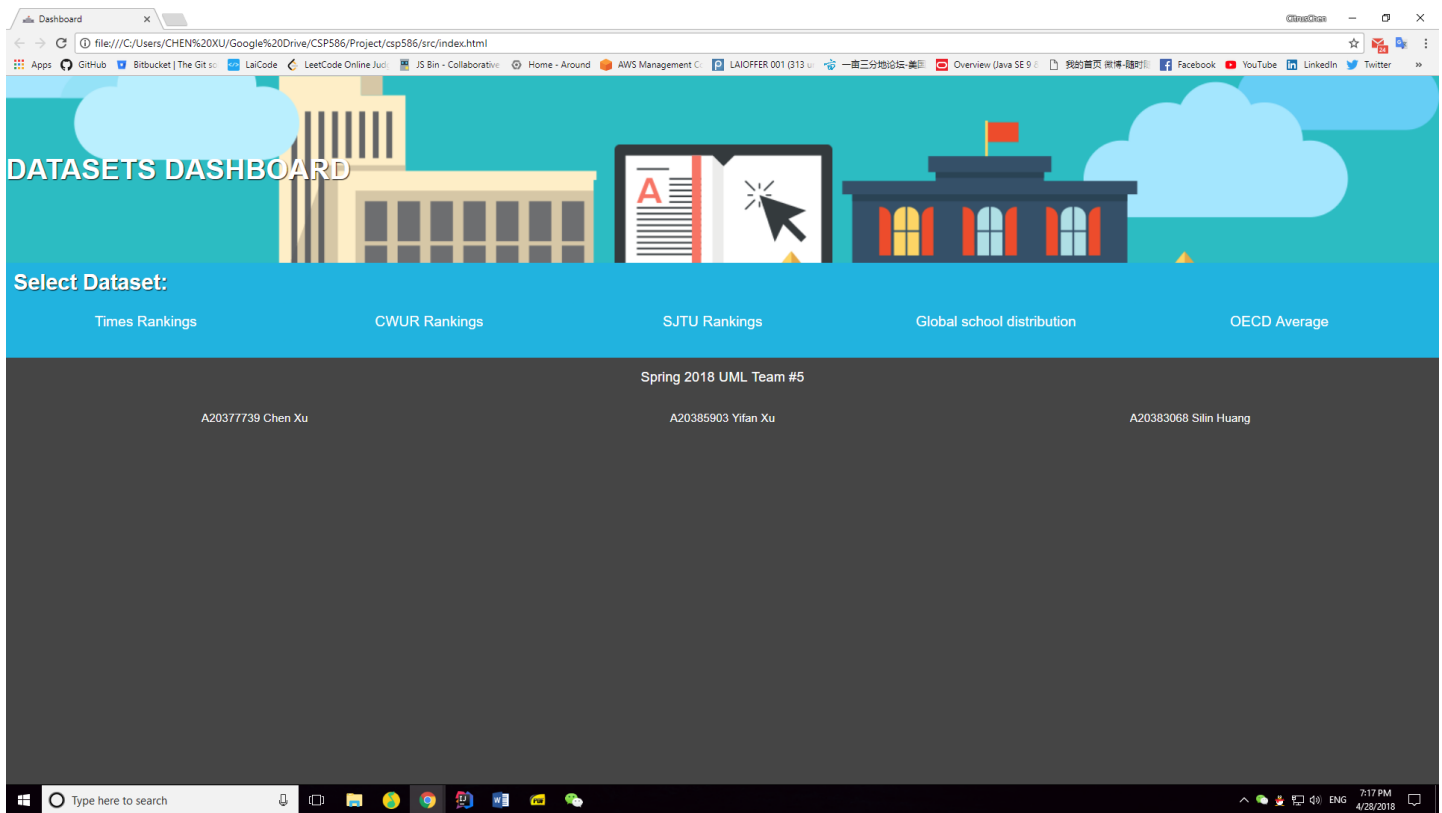
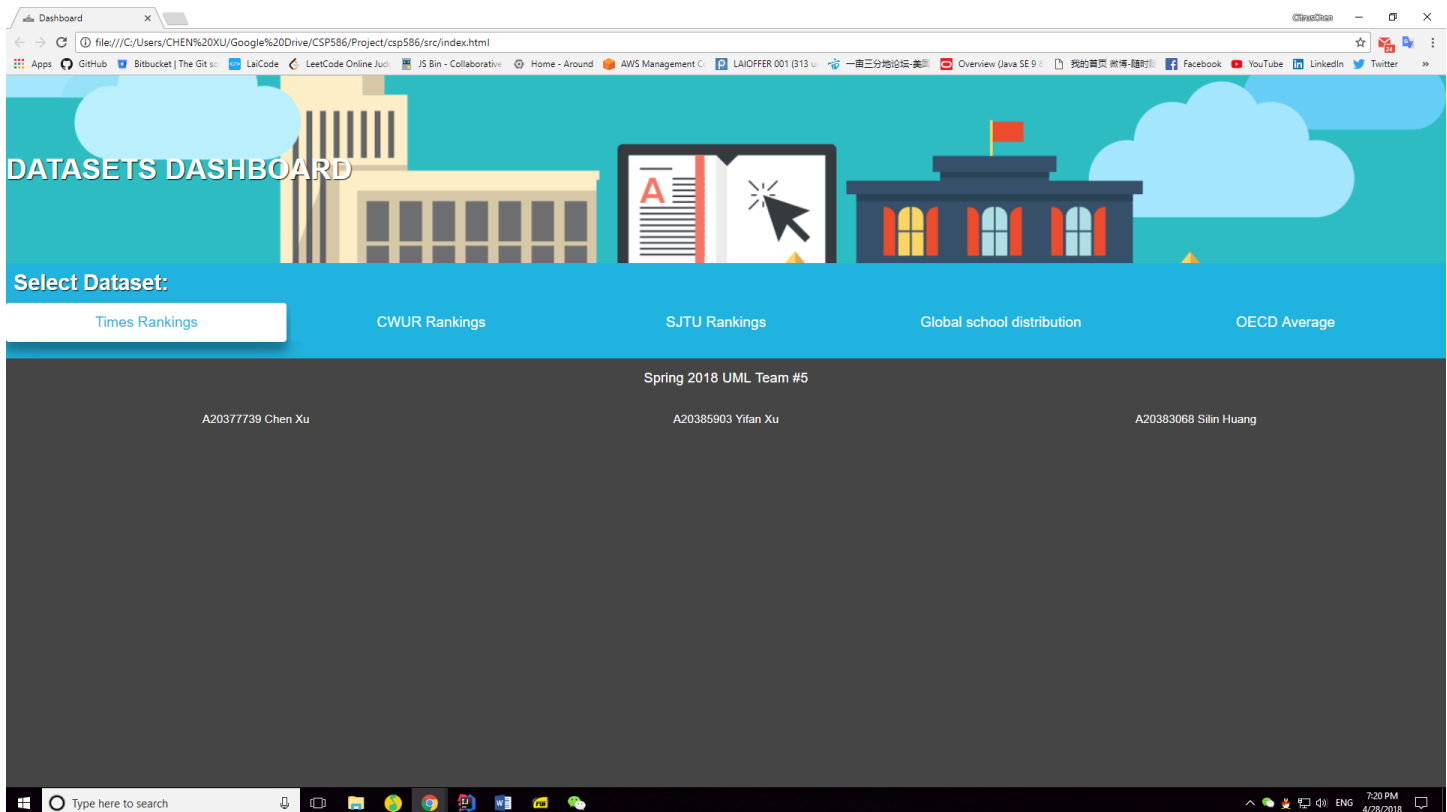


# UML Final Project Output Screenshot

## 1. Dashboard layout



## 2. select list of datasets



### 3. Loading dataset (Times Ranking)

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C... LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9... 我的简历 微博-随时... Facebook YouTube LinkedIn Twitter

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings Global school distribution OECD Average

Show 10 entries Search:

world_rank	university_name	country	teaching	international	research	citations	income	total_score	num_students	student_staff_ratio	international_students	female_m
1	California Institute of Technology	United States of America	95.7	56.0	98.2	99.9	97.0	94.8	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	96.3	59.8	99.4	99.7	95.6	95.5	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	94.4	65.8	98.2	99.8	91.2	94.9	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	92.2	67.0	98.1	99.7	89.1	94.3	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	95.6	64.0	97.6	99.8	97.8	95.2	2,243	6.9	27%	33
10	Yale University	United States of America	92.1	59.2	89.7	91.5	-	89.5	11,751	4.4	20%	50
10	University of California, Berkeley	United States of America	82.8	50.4	99.4	99.4	62.5	89.8	36,186	16.4	15%	50

Showing 1 to 10 of 2,602 entries

Previous 1 2 3 4 5 ... 261 Next

Type here to search

7:23 PM 4/28/2018

### 4. Loading dataset (CWUR Ranking)

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C... LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9... 我的简历 微博-随时... Facebook YouTube LinkedIn Twitter

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings Global school distribution OECD Average

Show 10 entries Search:

world_rank	institution	country	national_rank	quality_of_education	alumni_employment	quality_of_faculty	publications	influence	citations	broad_impact	patents	sci
1	Harvard University	USA	1	1	1	1	1	1	1		7	
1	Harvard University	USA	1	1	1	1	1	1	1	1	2	
1	Harvard University	USA	1	1	1	1	1	1	1	1	3	
2	Massachusetts Institute of Technology	USA	2	9	17	3	12	4	4		1	\$
2	Stanford University	USA	2	11	2	4	6	2	2		11	\$
2	Stanford University	USA	2	11	2	4	5	3	3	4	6	\$
2	Stanford University	USA	2	9	2	4	5	3	3	4	10	\$
3	Stanford University	USA	3	17	11	5	4	2	2		15	
3	University of Oxford	United Kingdom	1	7	12	10	11	7	13		15	\$

Showing 1 to 10 of 2,199 entries

Previous 1 2 3 4 5 ... 220 Next

Type here to search

7:25 PM 4/28/2018

## 5. Loading dataset (SJTU Ranking)

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C... LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9 我的简历 微博-随时 Facebook YouTube LinkedIn Twitter

# DATASETS DASHBOARD

Select Dataset:

Times Rankings CWUR Rankings **SJTU Rankings** Global school distribution OECD Average

Show 10 entries

Search:

world_rank	university_name	national_rank	total_score	alumni	award	hici	ns	pub	pcp	year
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	73.6	2006
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	73.0	2007
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	74.1	2008
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	74.8	2009
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	69.2	2010
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	70.5	2011
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	71.1	2012
1	Harvard University	1.0	100.0	100.0	100.0	100.0	100.0	100.0	72.5	2013
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	75.3	2014
1	Harvard University	1	100.0	100.0	100.0	100.0	100.0	100.0	76.6	2015

Showing 1 to 10 of 4,896 entries

Previous 1 2 3 4 5 ... 490 Next

Please Select the Data Labels(Columns)

world\_rank university\_name national\_rank total\_score alumni award hici ns pub pcp year

Apply Column Filter

Type here to search

7:26 PM 4/28/2018

## 6. Loading dataset (Global school distribution)

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C... LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9 我的简历 微博-随时 Facebook YouTube LinkedIn Twitter

# DATASETS DASHBOARD

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings **Global school distribution** OECD Average

Show 10 entries

Search:

school_name	country
Aalborg University	Denmark
Aalto University	Finland
Aarhus University	Denmark
Aberystwyth University	United Kingdom
Adam Mickiewicz University	Poland
AGH University of Science and Technology	Poland
Aix-Marseille University	France
Ajou University	South Korea
Alexandria University	Egypt
Alexandru Ioan Cuza University	Romania

Showing 1 to 10 of 817 entries

Previous 1 2 3 4 5 ... 82 Next

Please Select the Data Labels(Columns)

school\_name country

Apply Column Filter

Type here to search

7:26 PM 4/28/2018

## 7. Loading dataset (OECD average)

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9 我的简历 微博-随时 Facebook YouTube LinkedIn Twitter

# DATASETS DASHBOARD

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings Global school distribution **OECD Average**

Show 10 entries Search:

1995	2000	2005	2009	2010	2011	country	institute_type	direct_expenditure_type
	4.2	3.3	4.1	4.3	3.9	Chile	All Institutions	Public
		4.7	5.9	5.6	5.2	Estonia	All Institutions	Public
	6.6	6.2	5.8	5.9	5.6	Israel	All Institutions	Public
		5.3	5.3	5.2	5.3	Slovenia	All Institutions	Public
		4.4	5.5	5.6	5.9	Brazil	All Institutions	Public
	3.2	2.7	3.3	2.9	2.7	Chile	Elementary and Secondary Institutions	Public
		3.5	4.1	3.9	3.3	Estonia	Elementary and Secondary Institutions	Public
	4.5	4.2	3.8	4.0	3.8	Israel	Elementary and Secondary Institutions	Public
	2.7	2.5	2.7	2.8	2.5	Slovak Republic	Elementary and Secondary Institutions	Public
		3.9	3.6	3.6	3.5	Slovenia	Elementary and Secondary Institutions	Public

Showing 1 to 10 of 332 entries Previous 1 2 3 4 5 ... 34 Next

Please Select the Data Labels(Columns)

1995 2000 2005 2009 2010 2011 country institute\_type direct\_expenditure\_type Apply Column Filter

Type here to search

7:28 PM 4/28/2018

## 8. Data columns filter

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C LAIOFFER 001 (313 u... 一亩三分地论坛-美国 Overview (Java SE 9 我的简历 微博-随时 Facebook YouTube LinkedIn Twitter

1	California Institute of Technology	United States of America	95.7	56.0	98.2	99.9	97.0	94.8	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	96.3	59.8	99.4	99.7	95.6	95.5	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	94.4	65.8	98.2	99.8	91.2	94.9	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	92.2	67.0	98.1	99.7	89.1	94.3	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	95.6	64.0	97.6	99.8	97.8	95.2	2,243	6.9	27%	33
10	Yale University	United States of America	92.1	59.2	89.7	91.5	-	89.5	11,751	4.4	20%	50
10	University of California, Berkeley	United States of America	82.8	50.4	99.4	99.4	62.5	89.8	36,186	16.4	15%	50

Showing 1 to 10 of 2,602 entries Previous 1 2 3 4 5 ... 261 Next

Please Select the Data Labels(Columns)

world\_rank university\_name country teaching international research citations income total\_score num\_students student\_staff\_ratio international\_students female\_male\_ratio year Apply Column Filter

Spring 2018 UML Team #5

A20377739 Chen Xu A20385903 Yifan Xu A20383068 Silin Huang

Type here to search

7:29 PM 4/28/2018

## 9. Data row filter

Showing 1 to 10 of 2,602 entries

Previous 1 2 3 4 5 ... 261 Next

Please Select the Data Labels(Columns)

☒ world\_rank ☒ university\_name ☒ country ☐ teaching ☐ international ☐ research ☐ citations ☒ income ☐ total\_score ☐ num\_students ☐ student\_staff\_ratio ☐ international\_students ☐ female\_male\_ratio ☐ year

Apply Column Filter

Please Select the Data you want to plot(Rows)

world\_rank university\_name country income

1 Harvard University United States of America 34.5

2 California Institute of Technology United Kingdom 83.7

3 Massachusetts Institute of Technology Switzerland 87.5

4 Stanford University Canada 64.3

5 Princeton University Hong Kong -

6 Japan 57.8

Apply Row Filter

Please Select The Filter Conditions

- ☐ Greater Than Equal To
- ☐ Less Than Equal To
- ☐ Equal To

Please Enter Numerical Value To Filter

Spring 2018 UML Team #5

## 10. Placed number field for numeric columns.

Showing 1 to 10 of 2,602 entries

Previous 1 2 3 4 5 ... 261 Next

Please Select the Data Labels(Columns)

☒ world\_rank ☒ university\_name ☒ country ☐ teaching ☐ international ☐ research ☐ citations ☒ income ☐ total\_score ☐ num\_students ☐ student\_staff\_ratio ☐ international\_students ☐ female\_male\_ratio ☐ year

Apply Column Filter

Please Select the Data you want to plot(Rows)

world\_rank university\_name country

1 Harvard University United States of America 34.5

2 California Institute of Technology United Kingdom 83.7

3 Massachusetts Institute of Technology Switzerland 87.5

4 Stanford University Canada 64.3

5 Princeton University Hong Kong -

6 Japan 57.8

Apply Row Filter

Please Select The Filter Conditions

- ☐ Greater Than Equal To
- ☐ Less Than Equal To
- ☐ Equal To

Please Enter Numerical Value To Filter

5

Spring 2018 UML Team #5

A20377739 Chen Xu A20385903 Yifan Xu A20383068 Silin Huang

## 11. Select chart type

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

10 University of California, Berkeley United States of America 82.8 50.4 99.4 99.4 62.5 89.8 36,186 16.4 15% 50

Showing 1 to 10 of 2,602 entries

Previous 1 2 3 4 5 ... 261 Next

Please Select the Data Labels(Columns)

☒ world\_rank ☒ university\_name ☒ country ☐ teaching ☐ international ☐ research ☐ citations ☒ income ☐ total\_score ☐ num\_students ☐ student\_staff\_ratio ☐ international\_students ☐ female\_male\_ratio ☐ year

Apply Column Filter

Please Select the Data you want to plot(Rows)

world_rank	university_name	country	income
1	Harvard University	Italy	34.5
2	California Institute of Technology	Russian Federation	83.7
3	Massachusetts Institute of Technology	Greece	87.5
4	Stanford University	Iceland	64.3
5	Princeton University	Czech Republic	-
6		India	57.0

Apply Row Filter

Please Select The Filter Conditions

☐ Greater Than Equal To  
☐ Less Than Equal To  
☐ Equal To

Please Enter Numerical Value To Filter

5

Please Select the Chart Type

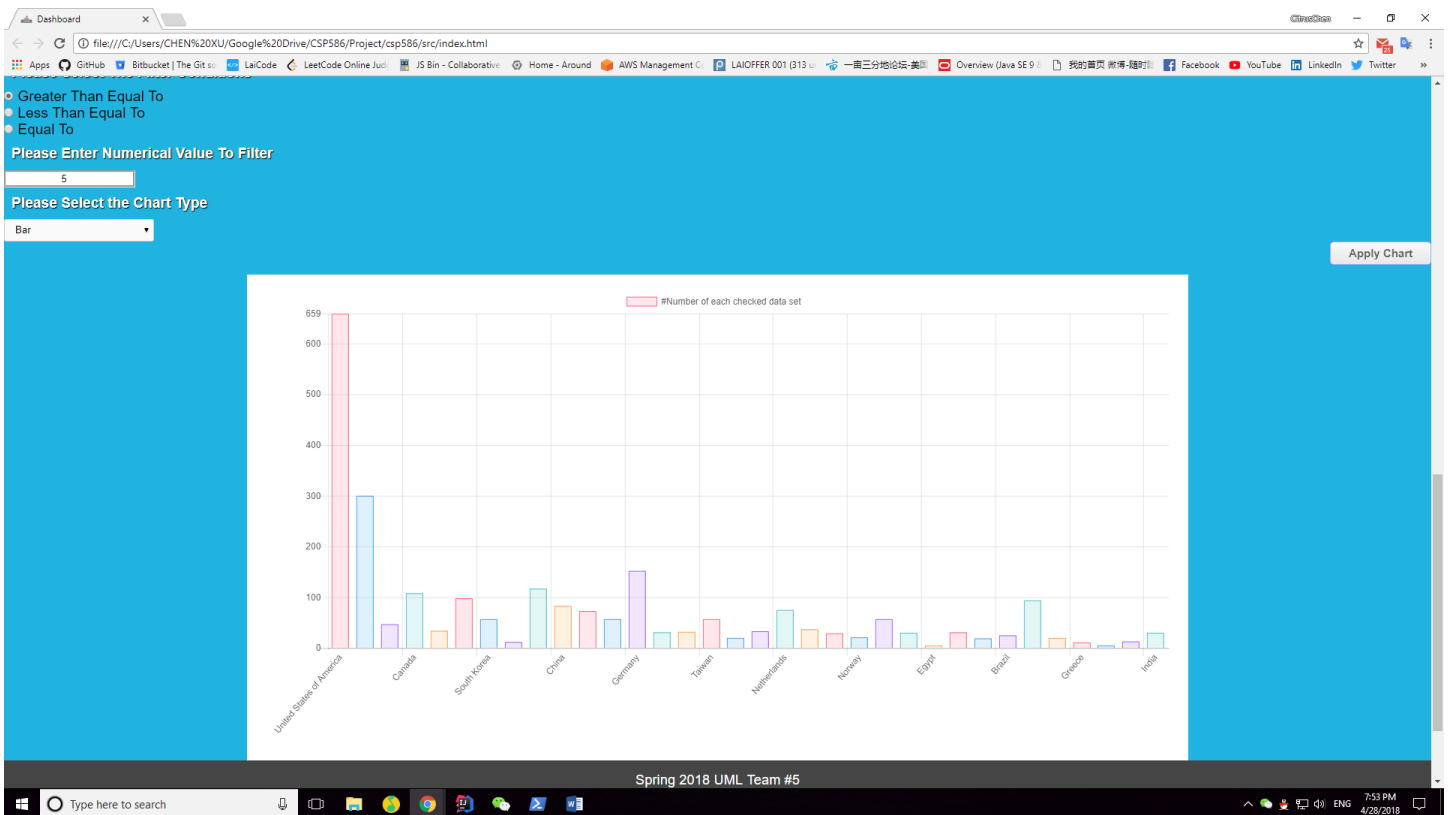
Bar

Apply Chart

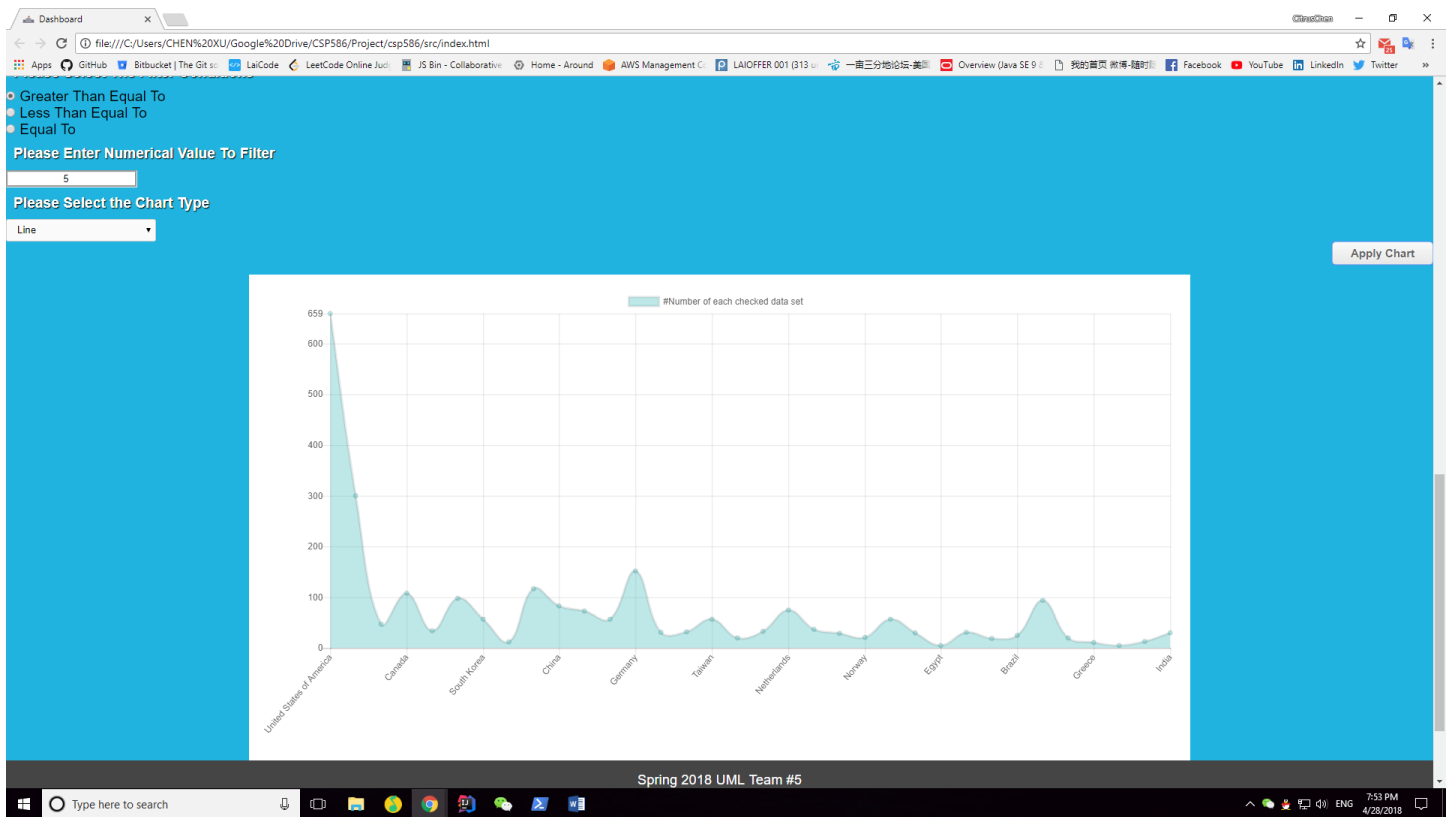
Spring 2018 UML Team #5

A20377739 Chen Xu A20385903 Yifan Xu A20383068 Silin Huang

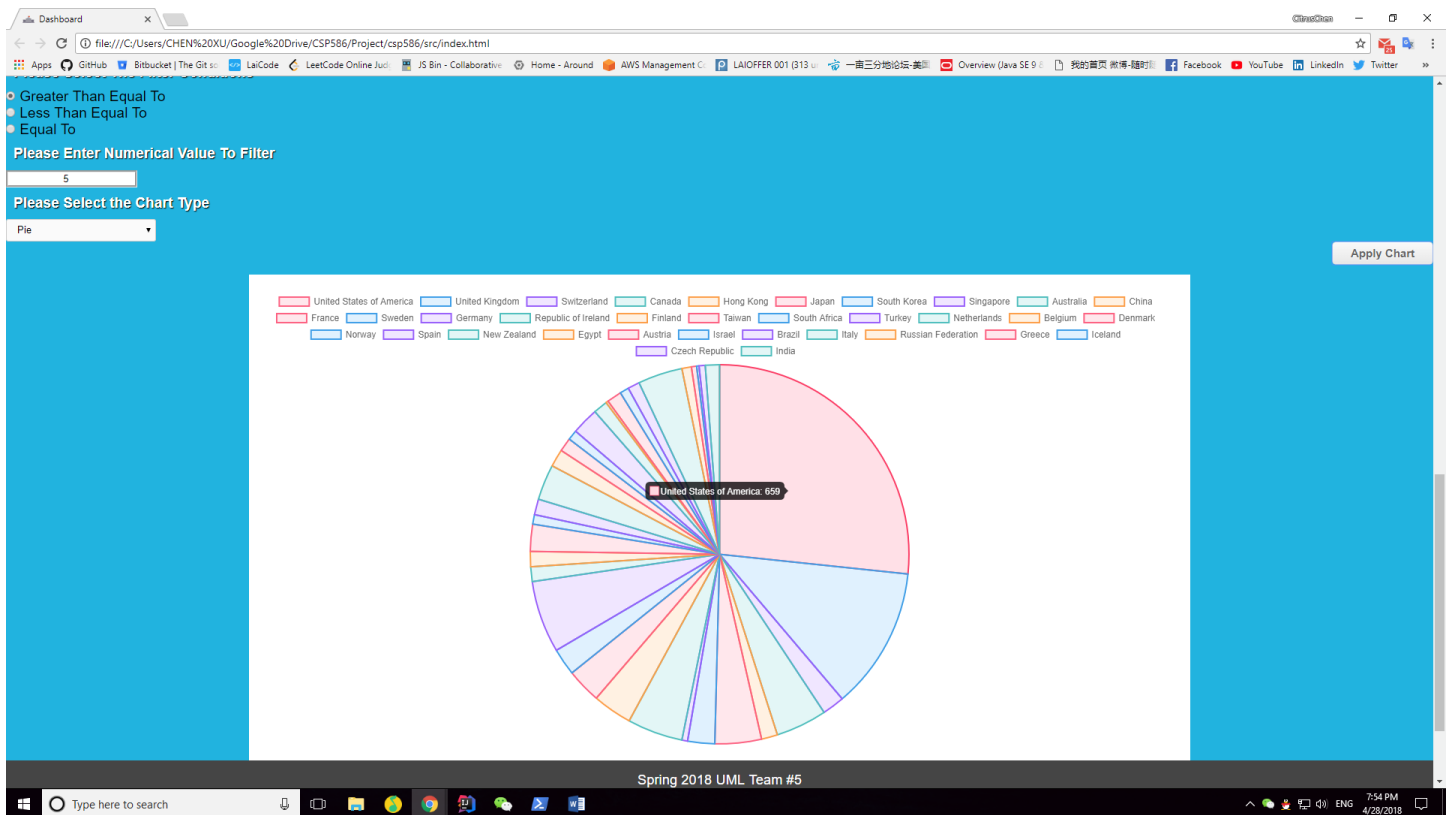
## 12. Display bar chart



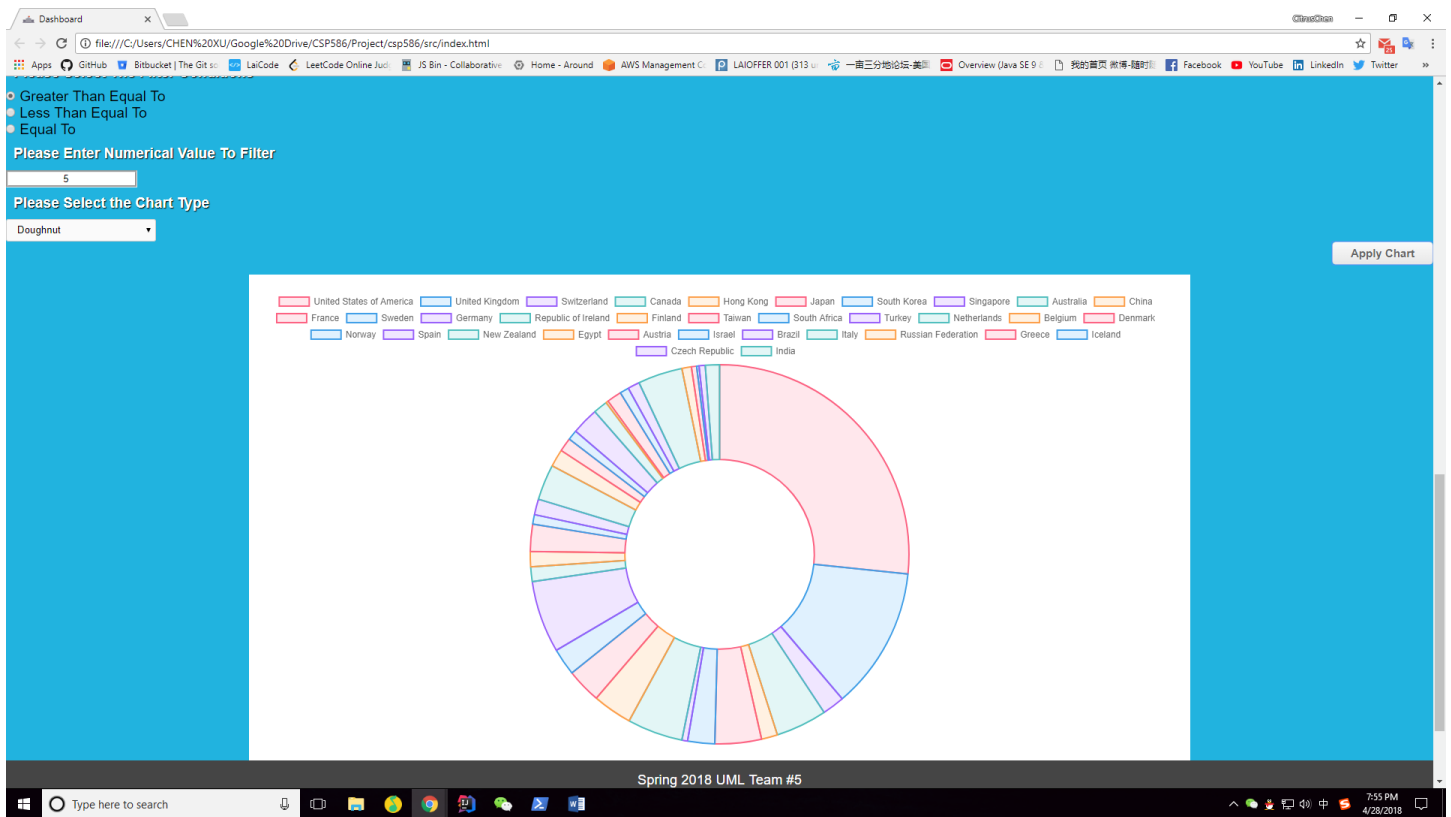
### 13. Display line chart



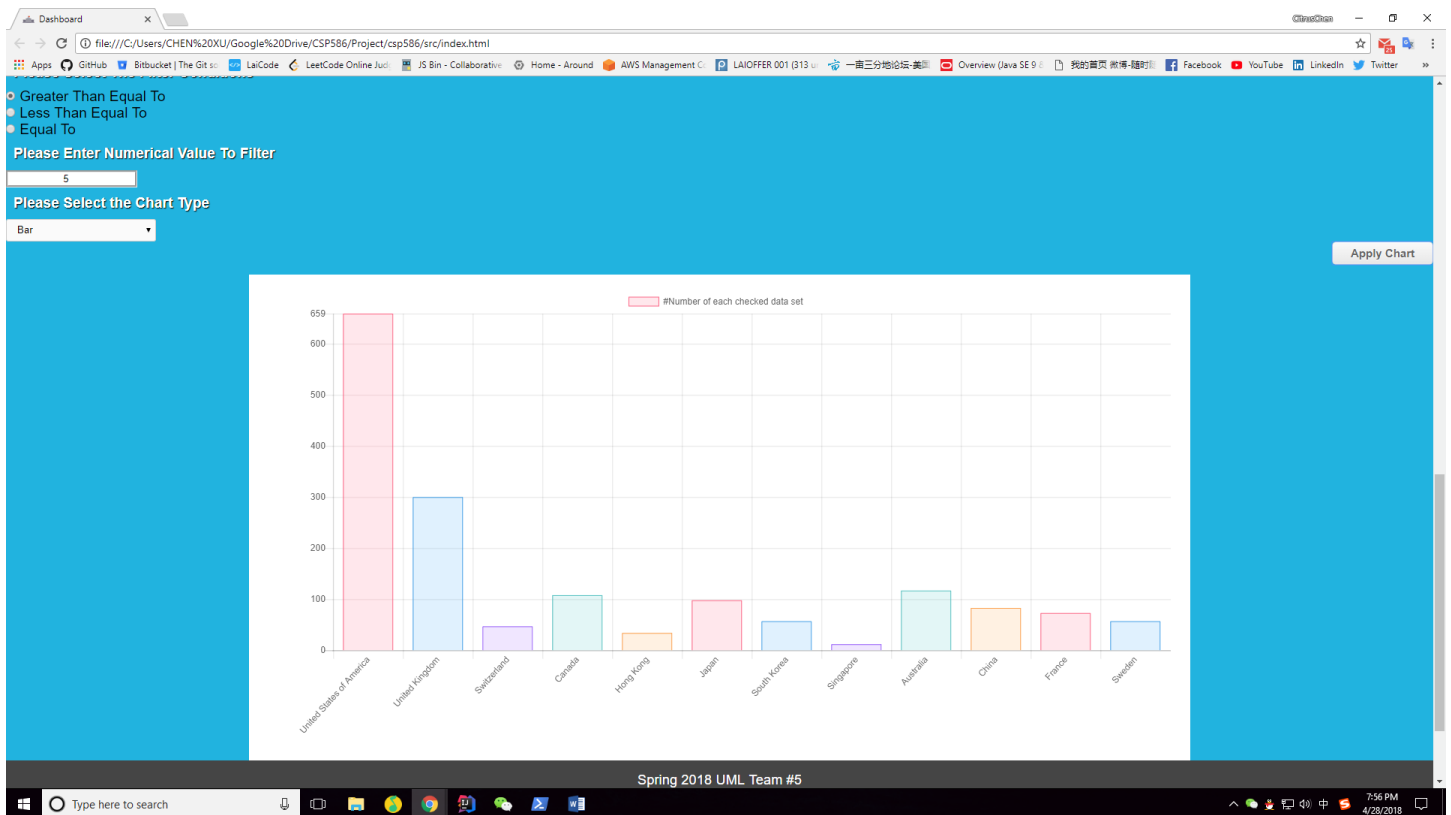
### 14. Display pie chart



## 15. Display doughnut chart



## 16. Display stack chart





## 17. Search for specific data

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C LAIOFFER 001 (313... 一亩三分地论坛 美国 Overview (Java SE 9... 我的简历 微博-随时... Facebook YouTube LinkedIn Twitter

### DATASETS DASHBOARD

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings Global school distribution OECD Average

Show 10 entries Search: Illinois Institute

world_rank	institution	country	national_rank	quality_of_education	alumni_employment	quality_of_faculty	publications	influence	citations	broad_impact	patents	score
480	Illinois Institute of Technology	USA	154	274	114	218	784	713	511	715	861	44.85
489	Illinois Institute of Technology	USA	159	251	123	210	767	718	800	716	737	45.15

Showing 1 to 2 of 2 entries (filtered from 2,199 total entries) Previous 1 Next

Please Select the Data Labels(Columns)

world\_rank institution country national\_rank quality\_of\_education alumni\_employment quality\_of\_faculty publications influence citations broad\_impact patents score year

Apply Column Filter

Please Select the Data you want to plot(Rows)

world\_rank teaching international research

1 99.7 72.4 98.7  
2 97.7 54.6 98.0  
3 97.8 82.3 91.4  
4 98.3 29.5 98.1  
5 90.9 70.3 95.4  
6 90.5 77.7 94.1

Apply Row Filter

Please Select The Filter Conditions

Greater Than Equal To  
Less Than Equal To

Type here to search

7:47 PM 4/28/2018

## 18. Implemented sorting with in table.

Dashboard

file:///C:/Users/CHEN%20XU/Google%20Drive/CSP586/Project/csp586/src/index.html

Apps GitHub Bitbucket The Git s... LaCode LeetCode Online Ju... JS Bin - Collaborative Home - Around AWS Management C LAIOFFER 001 (313... 一亩三分地论坛 美国 Overview (Java SE 9... 我的简历 微博-随时... Facebook YouTube LinkedIn Twitter

### DATASETS DASHBOARD

Select Dataset:

Times Rankings CWUR Rankings SJTU Rankings Global school distribution OECD Average

Show 10 entries Search:

world_rank	university_name	country	teaching	international	research	citations	income	total_score	num_students	student_staff_ratio	international_students	female_m
2	California Institute of Technology	United States of America	97.7	54.6	98.0	99.9	83.7	96.0	2,243	6.9	27%	33
3	Massachusetts Institute of Technology	United States of America	97.8	82.3	91.4	99.9	87.5	95.6	11,074	9	33%	37
1	California Institute of Technology	United States of America	96.3	59.8	99.4	99.7	95.6	95.5	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	95.6	64.0	97.6	99.8	97.8	95.2	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	94.4	65.8	98.2	99.8	91.2	94.9	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	95.7	56.0	98.2	99.9	97.0	94.8	2,243	6.9	27%	33
1	California Institute of Technology	United States of America	92.2	67.0	98.1	99.7	89.1	94.3	2,243	6.9	27%	33

Showing 1 to 10 of 2,602 entries Previous 1 2 3 4 5 ... 261 Next

Please Select the Data Labels(Columns)

world\_rank university\_name country teaching international research citations income total\_score num\_students student\_staff\_ratio international\_students female\_male\_ratio year

Type here to search

7:57 PM 4/28/2018