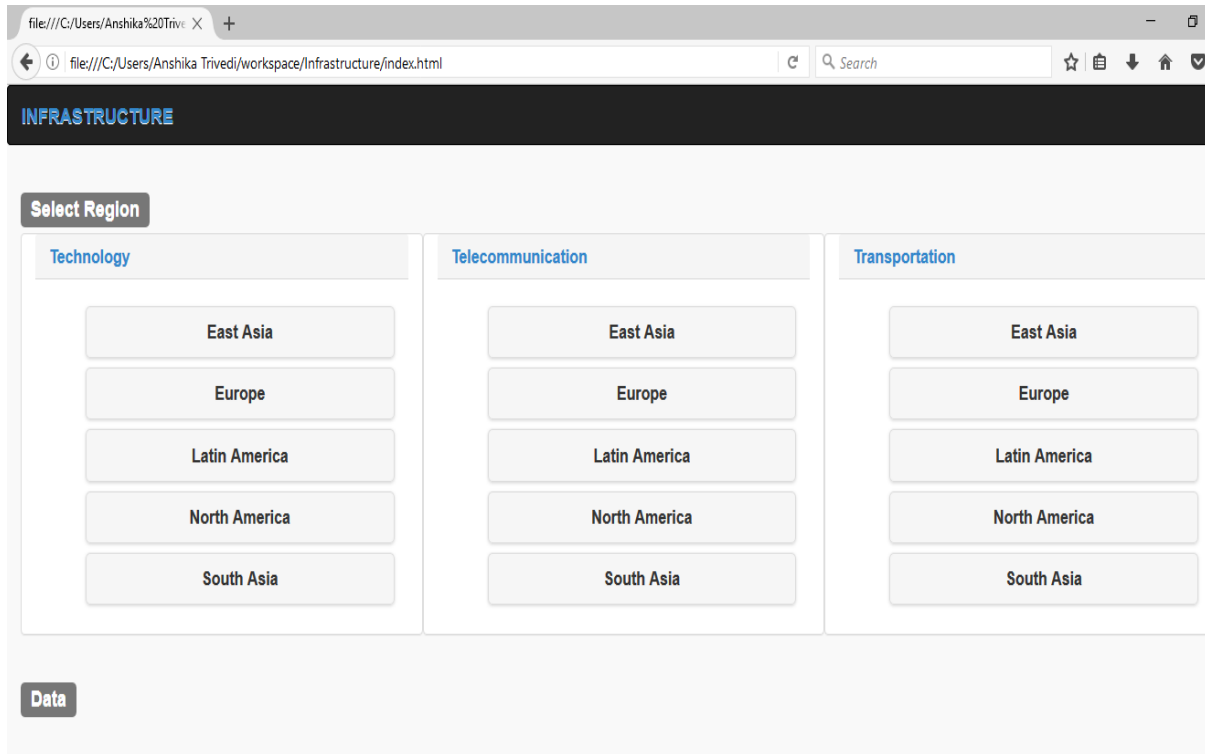
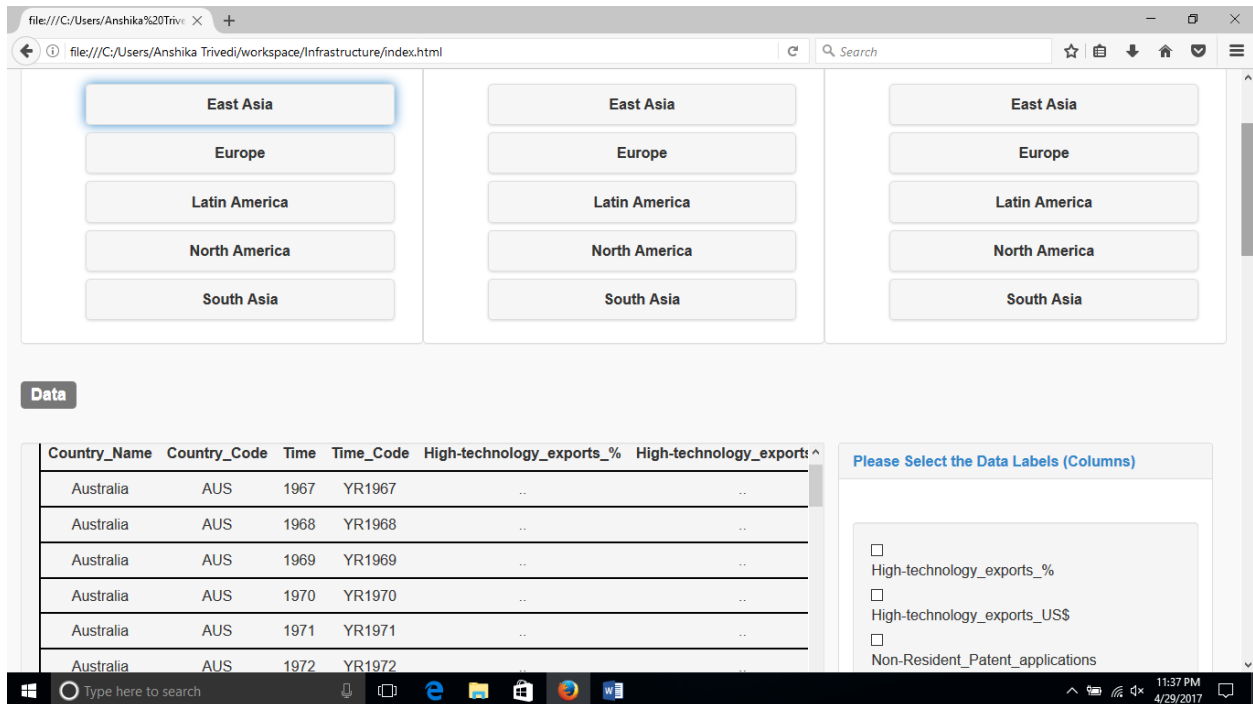


OUTPUTS:

THE DASHBOARD:



REGION SELECTION AND CORRESPONDING DATASET:



file:///C:/Users/Anshika%20Trivedi/ workspace/Infrastructure/index.html

Country_Name	Country_Code	Time	Time_Code	High-technology_exports_%	High-technology_exports_
Australia	AUS	1967	YR1967	..	..
Australia	AUS	1968	YR1968	..	..
Australia	AUS	1969	YR1969	..	..
Australia	AUS	1970	YR1970	..	..
Australia	AUS	1971	YR1971	..	..
Australia	AUS	1972	YR1972	..	..
Australia	AUS	1973	YR1973	..	..
Australia	AUS	1974	YR1974	..	..
Australia	AUS	1975	YR1975	..	..
Australia	AUS	1976	YR1976	..	..
Australia	AUS	1977	YR1977	..	..
Australia	AUS	1978	YR1978	..	..
Australia	AUS	1979	YR1979	..	..
Australia	AUS	1980	YR1980	..	..
Australia	AUS	1981	YR1981	..	..
Australia	AUS	1982	YR1982	..	..

Please Select the Data Labels (Columns)

SELECTING A PARTICULAR LABEL AND LOADING DATASET:

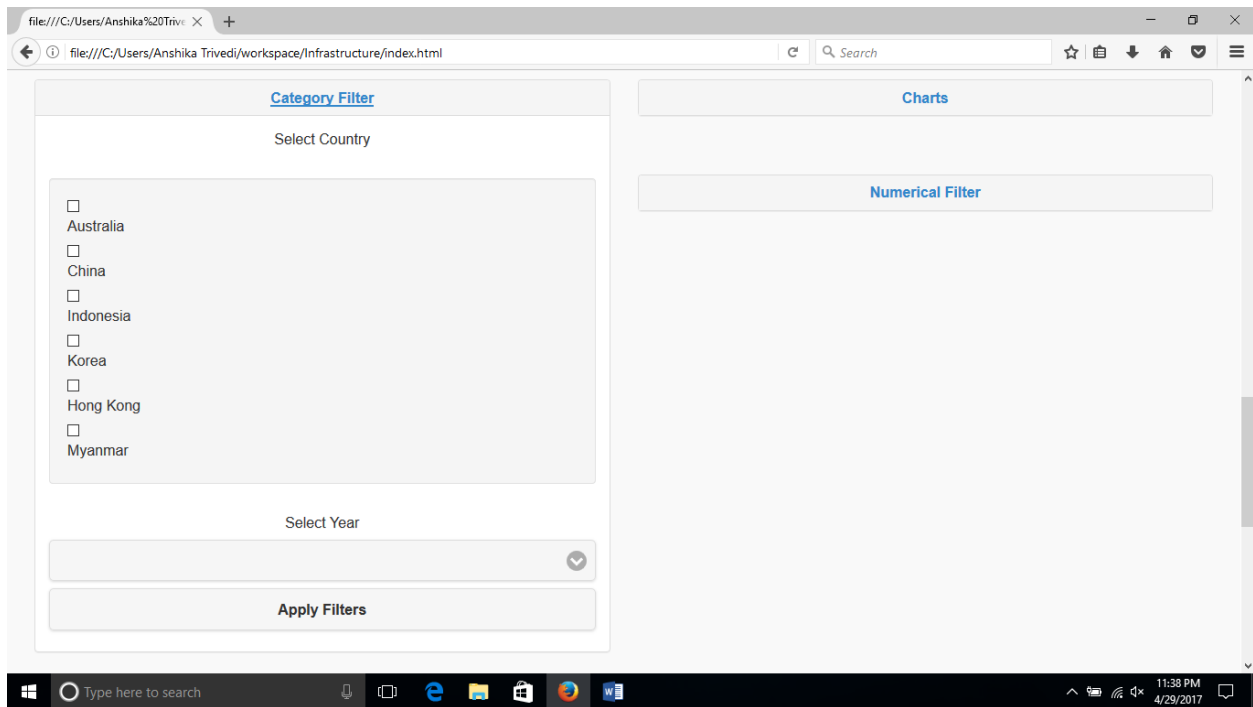
file:///C:/Users/Anshika%20Trivedi/ workspace/Infrastructure/index.html

Country_Name	Country_Code	Time	Time_Code	Non-Resident_Patent_applications	Resident_Patent_applications
Australia	AUS	1967	YR1967	11675	4058
Australia	AUS	1968	YR1968	12511	4201
Australia	AUS	1969	YR1969	13376	4070
Australia	AUS	1970	YR1970	12459	3984
Australia	AUS	1971	YR1971	12016	4391
Australia	AUS	1972	YR1972	11559	4606
Australia	AUS	1973	YR1973	11809	4651
Australia	AUS	1974	YR1974	11650	4300
Australia	AUS	1975	YR1975	9771	4311
Australia	AUS	1976	YR1976	9797	4320
Australia	AUS	1977	YR1977	9882	4364
Australia	AUS	1978	YR1978	9573	4558
Australia	AUS	1979	YR1979	9896	4744
Australia	AUS	1980	YR1980	9354	6582
Australia	AUS	1981	YR1981	9807	6341
Australia	AUS	1982	YR1982	9572	6603

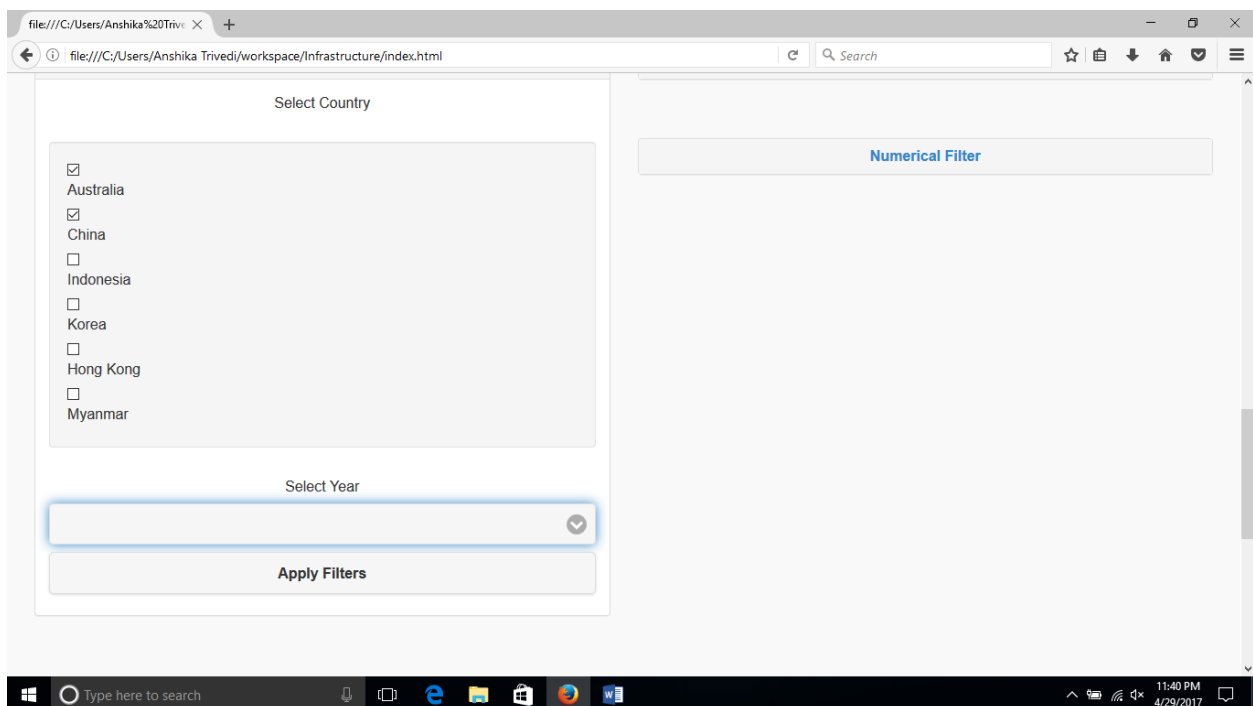
Please Select the Data Labels (Columns)

- ☐ High-technology_exports_%
- ☐ High-technology_exports_US\$
- ☒ Non-Resident_Patent_applications
- ☒ Resident_Patent_applications
- ☐ R&D_expenditure_%_GDP
- ☐ Researchers_in_R&D
- ☐ Scientific_and_tech_articles
- ☐ Technicians_in_R&D_per_mil_people
- ☐ Direct_NR_Trademark_app.
- ☐ direct_R_Trademark_app
- ☐ Total_Trademark_app

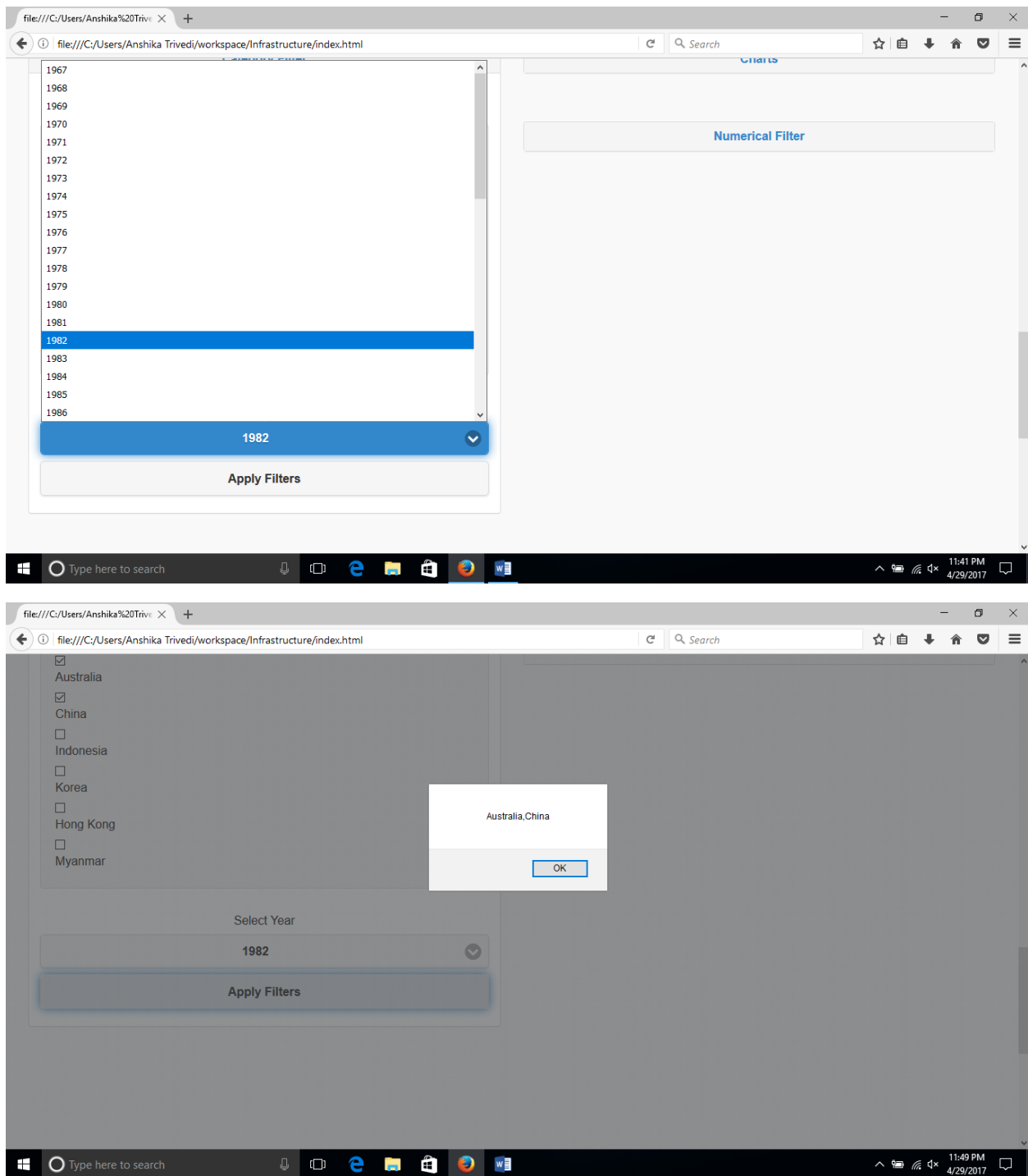
CATEGORY FILTER:



APPLYING FILTER THROUGH COUNTRY:



APPLYING FILTER THROUGH YEAR:



SELECTING CHART TYPE:

The screenshot shows a web application interface. At the top, there is a table with data for Korea. Below the table, there is a 'Category Filter' section with a 'Select Country' dropdown and a list of countries with checkboxes. To the right, there is a 'Charts' section with radio buttons for selecting a chart type. Below the charts, there is a 'Numerical Filter' section.

Country	PRK	1990	YR1990	900	...
Korea	PRK	1994	YR1994	1280	...
Korea	PRK	1995	YR1995	3905	...

Category Filter

Select Country

- ☒ Australia
- ☒ China
- ☐ Indonesia
- ☐ Korea
- ☐ Hong Kong
- ☐ Myanmar

Charts

- ☐ Line Chart
- ☐ Pie Chart
- ☐ Bar Chart
- ☐ Doughnut Chart
- ☐ Stacked Chart

Numerical Filter

CASE 1: LINE CHART

The screenshot shows the same web application interface as before, but with the 'Line Chart' option selected in the 'Charts' section. Additionally, the 'Category Filter' section now includes a 'Select Year' dropdown menu with '1982' selected, and an 'Apply Filters' button.

Category Filter

Select Country

- ☒ Australia
- ☒ China
- ☐ Indonesia
- ☐ Korea
- ☐ Hong Kong
- ☐ Myanmar

Select Year

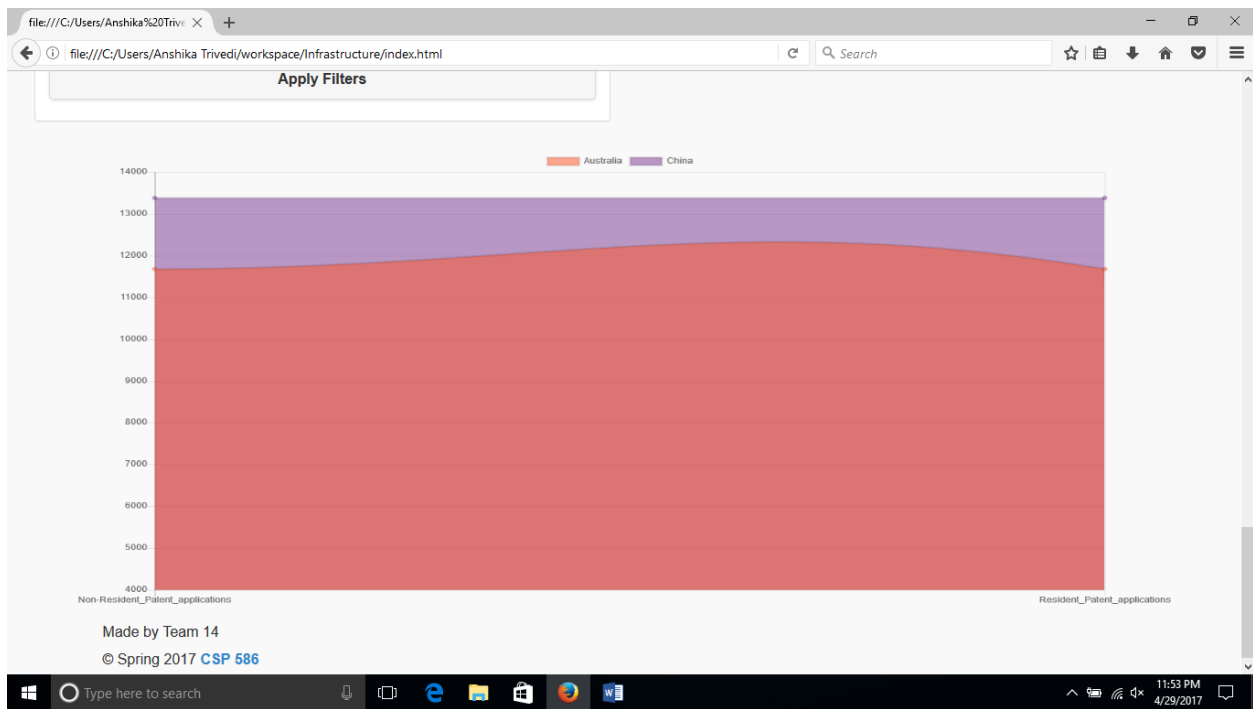
1982

Apply Filters

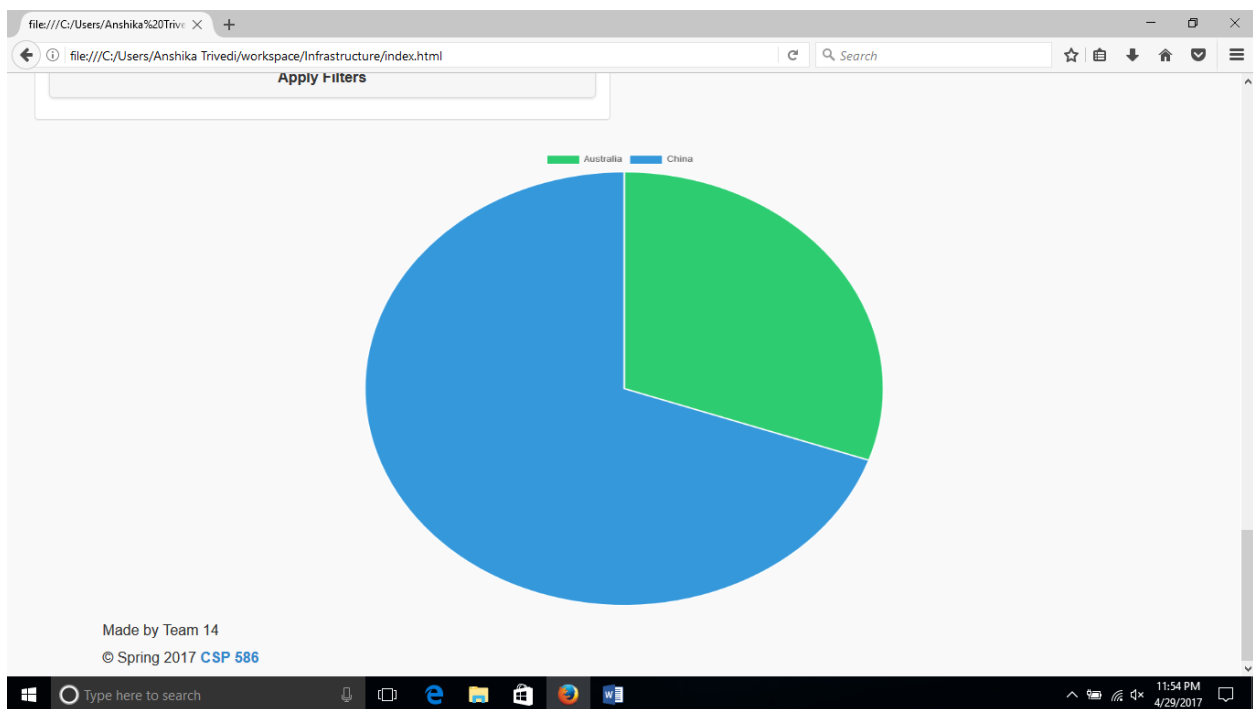
Charts

- ☒ Line Chart
- ☐ Pie Chart
- ☐ Bar Chart
- ☐ Doughnut Chart
- ☐ Stacked Chart

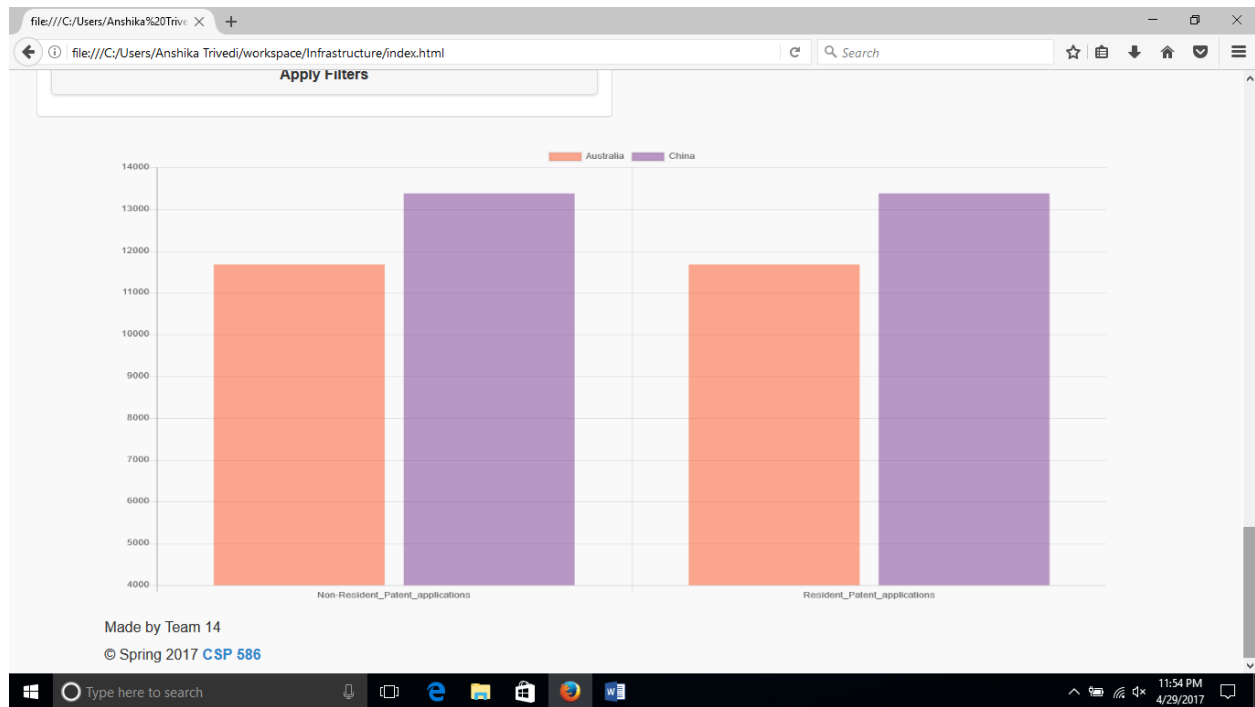
Numerical Filter



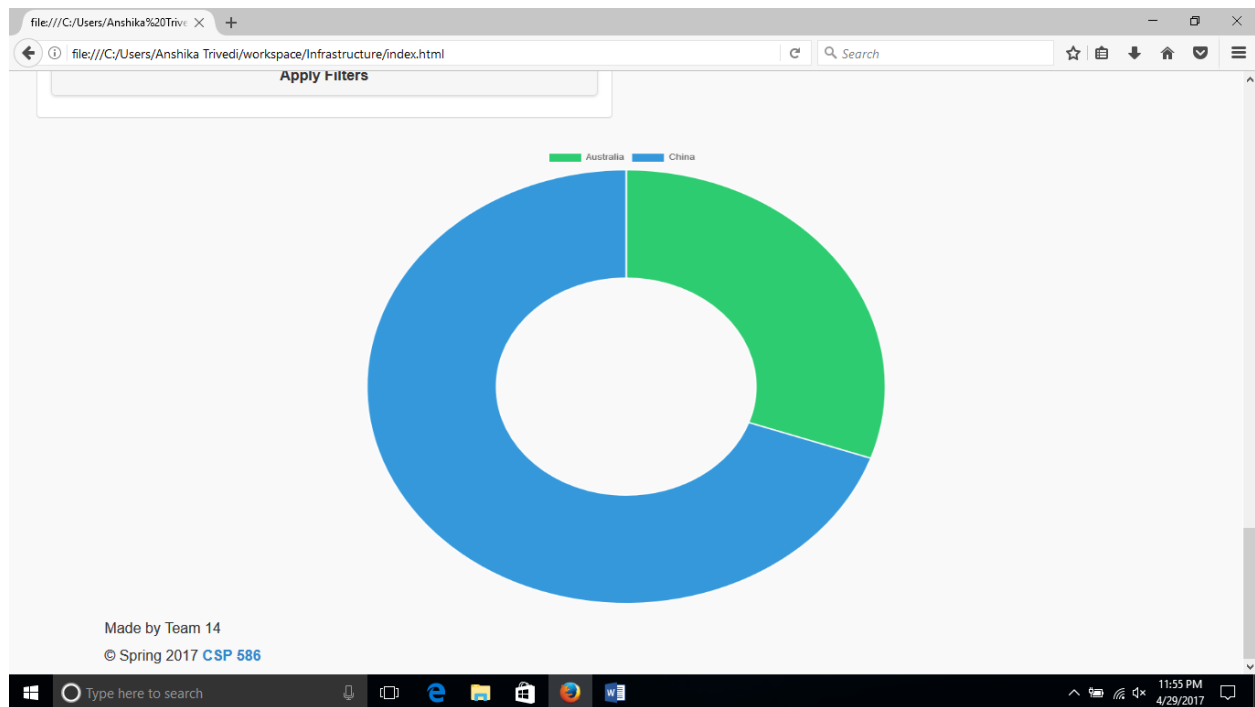
CASE 2: PIE CHART



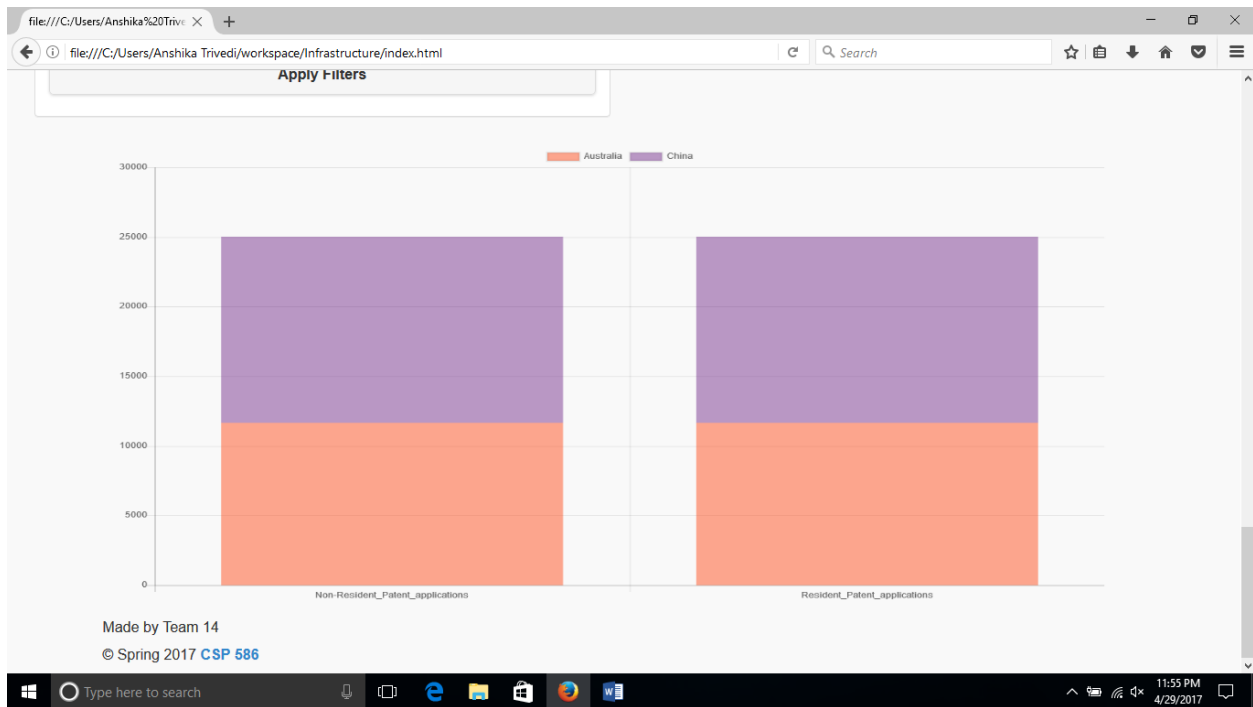
CASE 3: BAR CHART



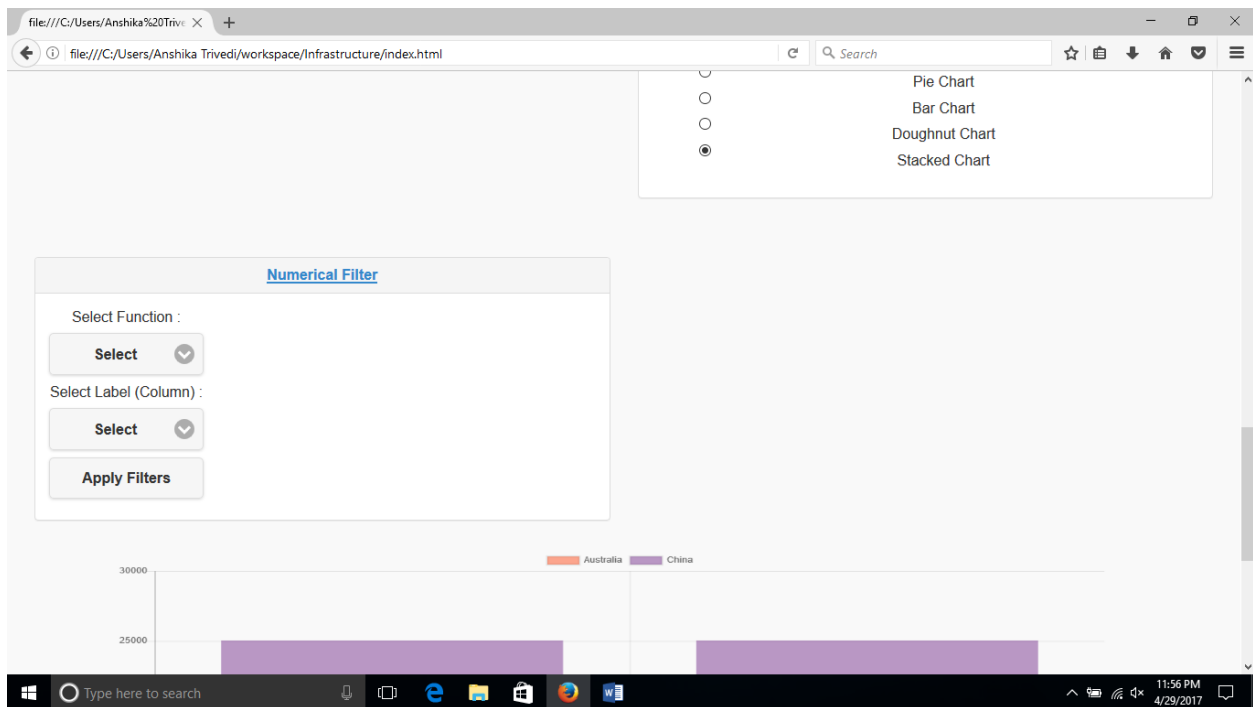
CASE 4: DOUGHNUT CHART



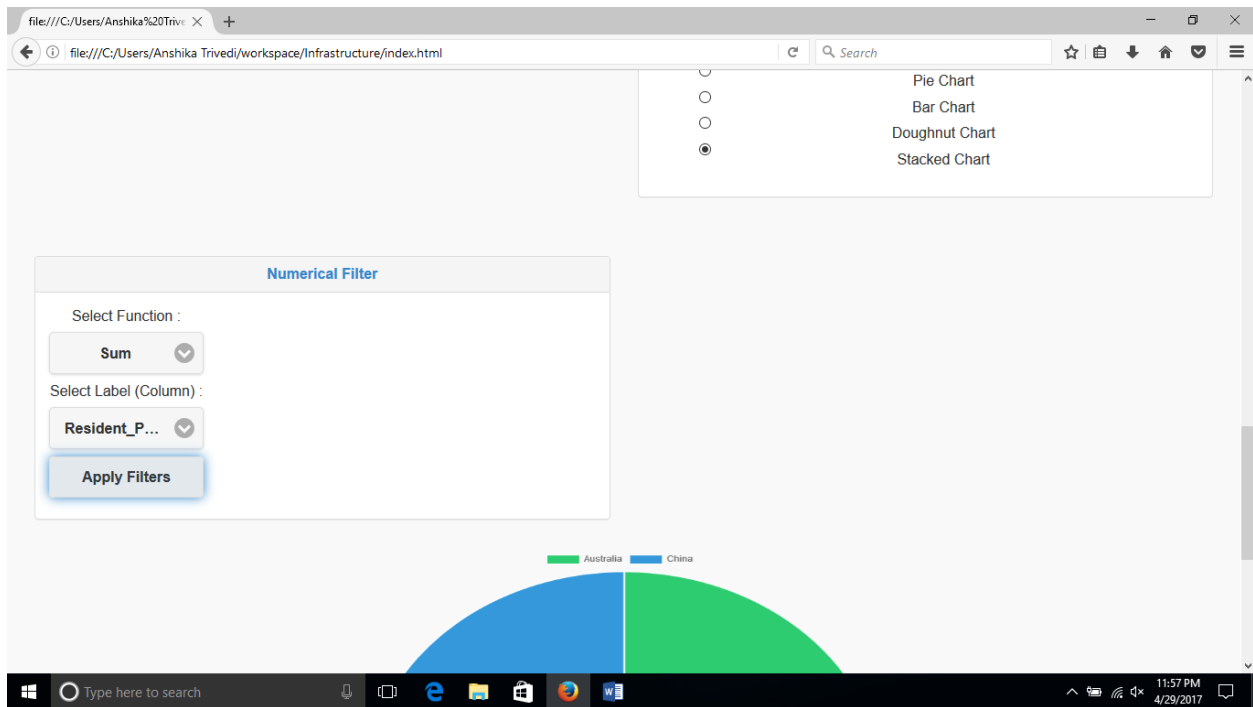
CASE 5: STACKED CHART



NUMERICAL FILTER:



PLOT CHARTING USING NUMERICAL VALUES:



SELECTING CHART:

