

User Manual Guides For Project Final CSE 412

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Github link : <https://github.com/kavimanik/SatelliteData>

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Please Select a Company or Contractor								
Select a Company ▼				Select a Contractor ▼				
Name	Country	Launch Date	Launch Site	Life Expectancy (yrs)	Mass (kg)	Orbit	Period (min)	Power
Aalto-1	Finland	2017-06-23	Satish Dhawan Space Centre	2.0	4.5	LEO	94.7	4.5
ABS-2	Multinational	2014-02-06	Guiana Space Center	15.0	6330.0	GEO	1436.03	16000
ABS-4	Multinational	2004-03-13	Cape Canaveral	12.0	4143.0	GEO	1436.1	7400
ABS-6	Multinational	1999-09-26	Baikonur Cosmodrome	15.0	2894.0	GEO	1436.08	6,800 (EOL)
Eutelsat 48D	Multinational	2008-12-20	Guiana Space Center	15.0	3460.0	GEO	1436.08	7000
AIM	USA	2007-04-25	Vandenberg AFB	2.0	215.0	LEO	96.2	216
Amazonas-2	Spain	2009-10-01	Guiana Space Center	15.0	5465.0	GEO	1436.08	15300
Amazonas-3	Spain	2013-02-07	Guiana Space Center	15.0	6265.0	GEO	1436.05	14000
AMC-1	USA	1996-09-08	Cape Canaveral	15.0	2783.0	GEO	1436.1	6,500 (EOL)
AMC-11	USA	2004-05-19	Cape Canaveral	15.0	2340.0	GEO	1436.07	6,500 (EOL)

In this project, we visualize all the satellite data in the table above. The site was visualized using the local host using the “Live Server” extension on Visual Studio Code. On the initial page load, the table starts by displaying all the satellites in the database and is updated using the two dropdown selections. Whenever either dropdown is selected the table below is updated to fit the most recently selected company or contractor filter.

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Please Select a Company or Contractor

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EUTELSAT S.A.				Select a Contractor				
Name	Country	Launch Date	Launch Site	Life Expectancy (yrs)	Mass (kg)	Orbit	Period (min)	Power
Eutelsat 48D	Multinational	2008-12-20	Guiana Space Center	15.0	3460.0	GEO	1436.08	7000
Eutelsat 133 West A	Multinational	2001-03-08	Guiana Space Center	12.0	2950.0	GEO	1436.1	5900
Eutelsat 174A	Multinational	2005-12-29	Baikonur Cosmodrome	16.0	5000.0	GEO	1436.1	13000
Eutelsat 33E	Multinational	2009-02-11	Guiana Space Center	15.0	4892.0	GEO	1436.07	11000
Eutelsat 36A	Multinational	2000-05-24	Cape Canaveral	12.0	3190.0	GEO	1436.08	6000
Eutelsat 36B	Multinational	2009-11-24	Baikonur Cosmodrome	15.0	5600.0	GEO	1436.09	13200
Eutelsat 5 West A	Multinational	2002-07-05	Guiana Space Center	15.0	4050.0	GEO	1436.08	11000
Eutelsat 65 West A	Multinational	2016-03-09	Guiana Space Center	15.0	6654.0	GEO	1436.07	16000
Eutelsat Hot Bird 13B	Multinational	2006-08-04	Baikonur Cosmodrome	15.0	4900.0	GEO	1436.06	14000
Eutelsat Hot Bird 13C	Multinational	2008-12-20	Guiana Space Center	15.0	4880.0	GEO	1436.09	14500

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Please Select a Company or Contractor

Please Select a Company or Contractor								
Select a Company				EADS Astrium				
Name	Country	Launch Date	Launch Site	Life Expectancy (yrs)	Mass (kg)	Orbit	Period (min)	Power
Eutelsat 48D	Multinational	2008-12-20	Guiana Space Center	15.0	3460.0	GEO	1436.08	7000
Amazonas-2	Spain	2009-10-01	Guiana Space Center	15.0	5465.0	GEO	1436.08	15300
Anik F1R	Canada	2005-09-09	Baikonur Cosmodrome	15.0	4500.0	GEO	1436.1	10000
Anik F3	Canada	2007-04-09	Baikonur Cosmodrome	15.0	4715.0	GEO	1436.1	17500
Astra 1M	Luxembourg	2008-11-05	Baikonur Cosmodrome	15.0	5345.0	GEO	1438.2	9900
Astra 2E	Luxembourg	2013-09-29	Baikonur Cosmodrome	15.0	6052.0	GEO	1436.12	13000
Astra 3B	Luxembourg	2010-05-21	Guiana Space Center	15.0	5471.0	GEO	1436.11	10000
Badr 6	Multinational	2008-07-07	Guiana Space Center	15.0	3400.0	GEO	1436.1	6000
Eutelsat 33E	Multinational	2009-02-11	Guiana Space Center	15.0	4892.0	GEO	1436.07	11000
Eutelsat Hot Bird 13C	Multinational	2008-12-20	Guiana Space Center	15.0	4880.0	GEO	1436.09	14500
Eutelsat KA-SAT 9A	Multinational	2010-12-26	Baikonur Cosmodrome	15.0	6150.0	GEO	1436.01	11000
Galileo IOV-2 FM3	ESA	2012-10-12	Guiana Space Center	12.0	700.0	MEO	844.76	1420

These are examples of the resulting filtered tables that would display after the selection of the Company or Contractor.