**CIT 261 Team Project**

Proposed Project: Awesome Animated Calculator

Git Storage: <https://github.com/MCLifeLeader/CIT261Team>

Functional Outline:

Minimum Goal:

Implement an orbital calculator for satellites in earth orbit

Take TLE Data from preset and user input and calculate satellite position

Display the location on a map

Draw orbital path on map

Meet Rubric Requirements

Stretch Goal:

Update position dynamically based on clock DateTime.UtcNow

Example TLE Data as found from: <http://www.n2yo.com/satellite/?s=25544>

**Two Line Element Set (TLE):**

1 25544U 98067A 17066.84029477 .00003938 00000-0 66636-4 0 9995  
2 25544 51.6438 183.4966 0006911 261.8864 208.8164 15.54154647 45996

Presentation would look similar to the following image:

