Methods to check out:

Fast Multiple Method !

Verlet integration !

Book Archie roy orbital motion

Relevant Papers:

(insert all from proposal)

Videos:

Questions for Craig Stark:

Helpful websites:

<https://www.semanticscholar.org/paper/A-hierarchical-O(N-log-N)-force-calculation-Barnes-Hut/fce7fd98928ab9bf3e4e919e108c48fc1040f569?sort=is-influential&page=2>  
^important citations – relevant further research

<https://ssd.jpl.nasa.gov/horizons/app.html#/>

^got all the mass and positions and velocities there

<https://physics.stackexchange.com/questions/112461/astronomical-constant-in-astronomical-units>

^

Unit issue

https://universesandbox.com/blog/2016/02/n-body-problem/  
^ universe sandbox tackling N-body = OLD 6 YRS

<https://universesandbox.fandom.com/wiki/N-Body_Simulation#Models>

^fandom but really good!