

DOCUMENTATION

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# Solar System Project

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*Author*  
Alex KENNEDY

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## 1 Introduction

The aim of this project is to create a web-based 3D model of our Solar System, mapping the orbits of even the most recently discovered small bodies.

In conjunction, the website should look good and be easy to use. All astronomical parts should be an accurate representation of current knowledge. Open source data and transparent techniques for processing it will be used throughout.

## 2 The Celestial Sphere

The Yale Bright Star Catalog, Version 5 has been used to provide locations and intensities of the stars visible in our solar system.