Solar system exploration

Exploration of our Solar system Member names: Michelle Snowden Ruth Agada Dr. Sharad Sharma COSC 729.191 Final Project

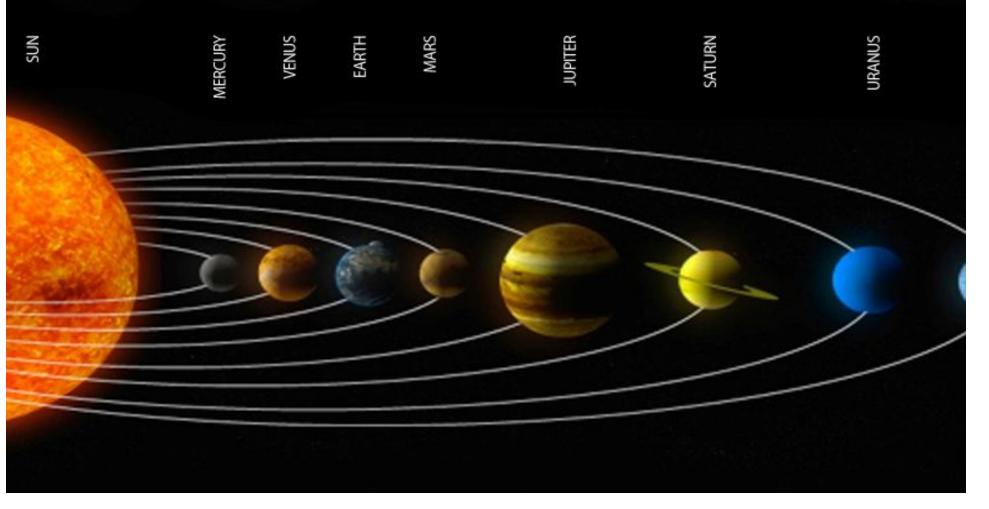
Goals and Objectives

Create a virtual solar system that will:

- learn detailed information about planets
- Play with various objects
- Move through the system

Modeling

- The system below
- Space station with at least 3 rooms

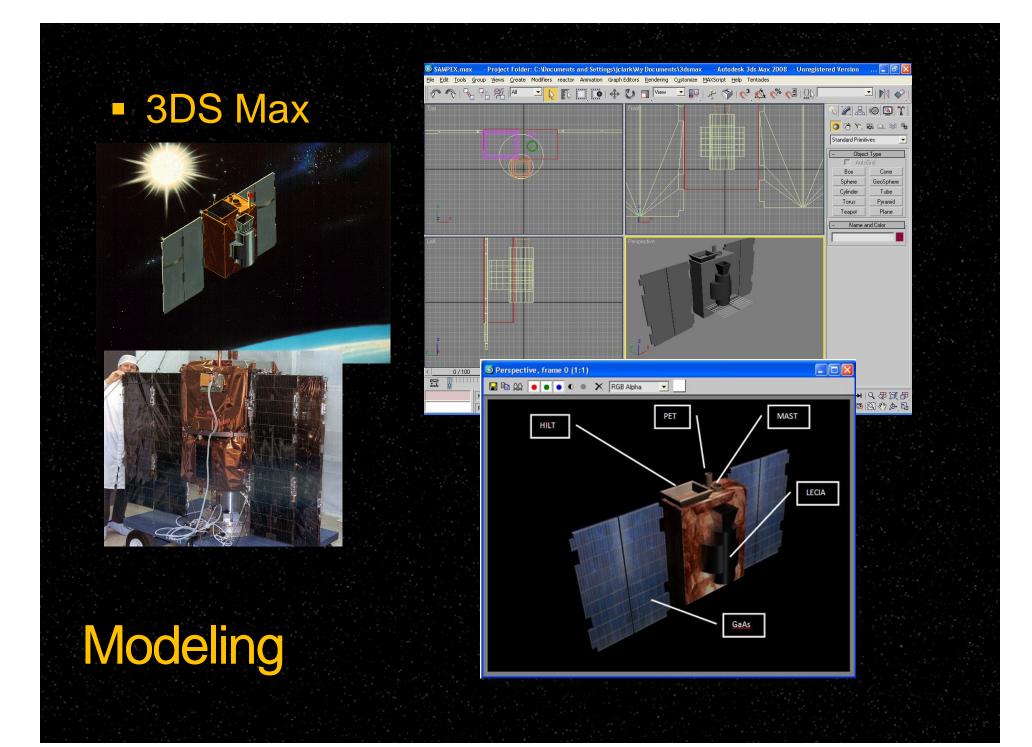


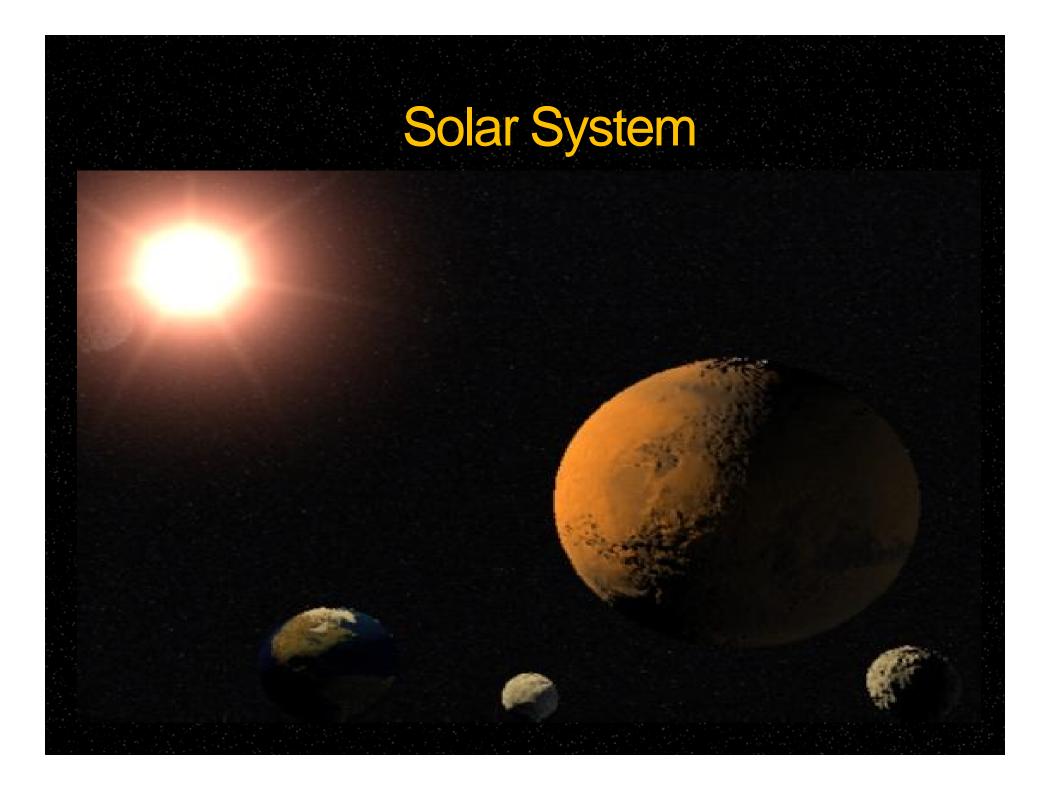
Solar System

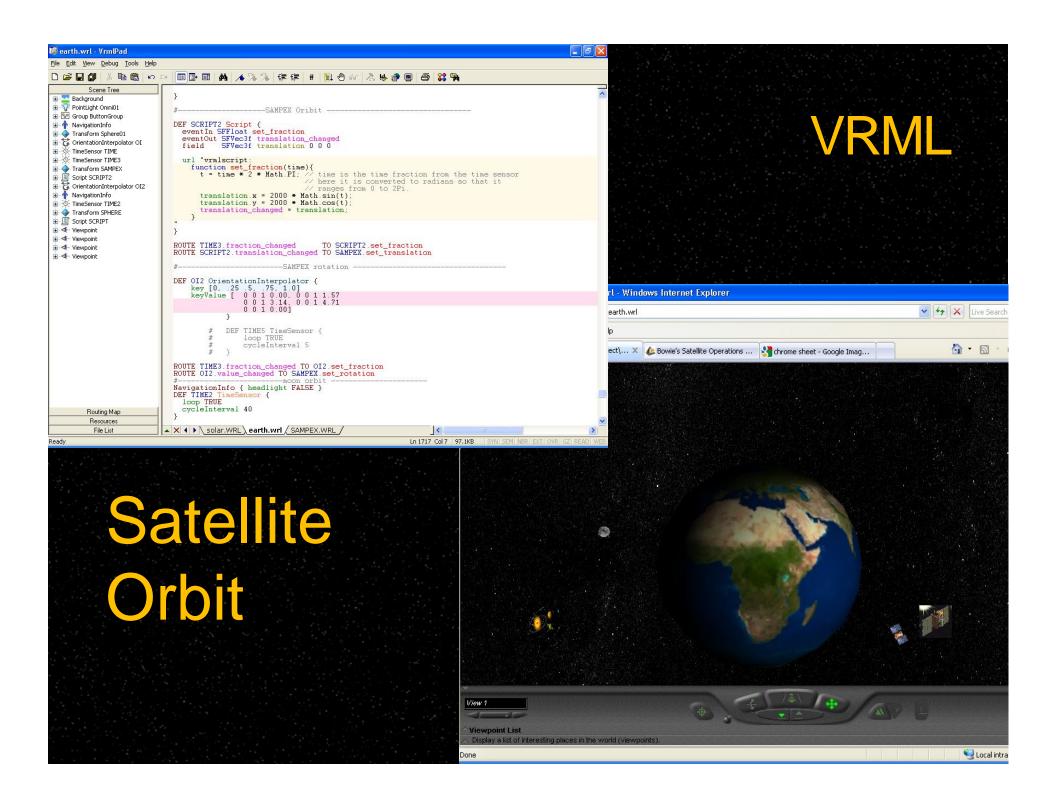
Objects: 8 planets including pluto and the sun
Image: sun and planet
Texture: for the sun and planets
Interpolator: orientation and rotation
Lights: spot and point

Space Station

Objects: station, chairs, tables, screens
Image: solar system
Texture: metallic surface
Anchor nodes
Touch Sensors

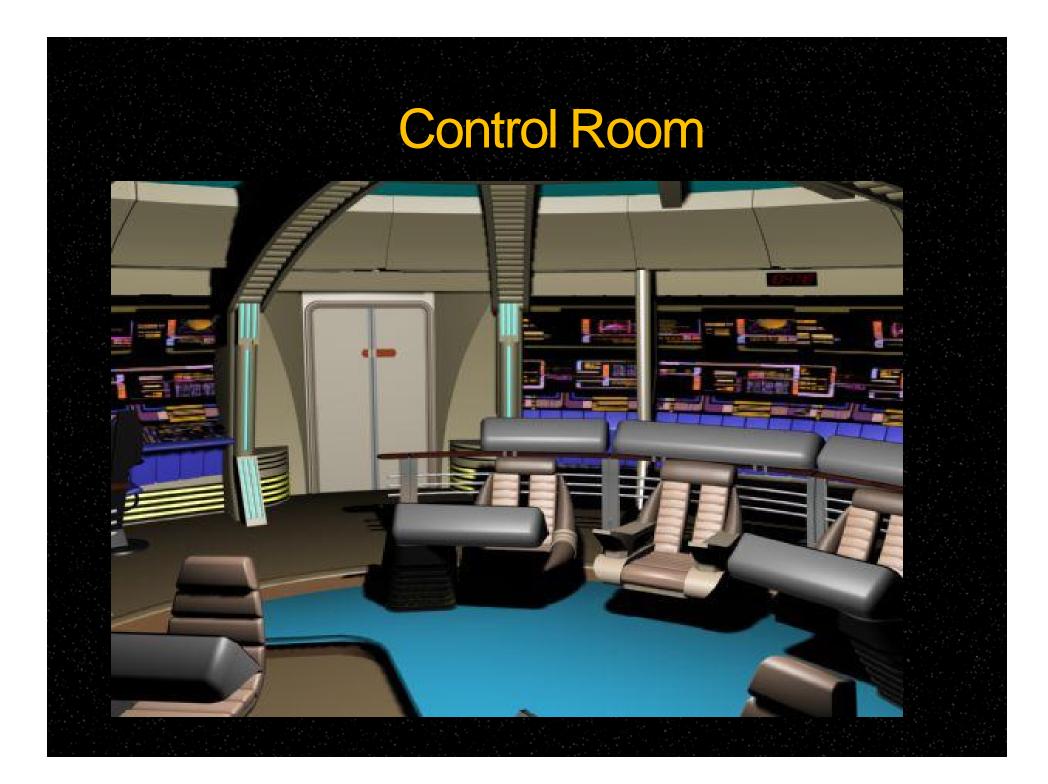






Space Station





Problems/Recommendations

- Problems included
 - Loss of data and features in transitioning from 3DS Max to VRML
 - Time consumption for modeling planets and animating the Sun
 - Learning to create particle flow source
 - Recommendations
 - Completing animations for ground station transfers

