# Generate Celestial Body

**Basic Course:**

On the Next Gen Planet Simulator Page, the user will be generating the Celestial Body; that can be any gravitational mass, such as planets, asteroids, comets, and brown dwarfs. The user will have to choose from different physical properties to generate the Celestial Body of their own choice. The user clicks the Generate button, then the system generates the Celestial Body.

**Alternative Course:**

**The user does not select any physical properties:** An error message appears above the Generate button showing that "Please select one or more Physical properties to generate your Celestial Body."

User

Planet Simulator Page

Click "Physical Properties"

Display

Physical Properties tab

Click "Finished"

Display

Error message

Is all Physical Properties selected?

No

Yes

Generate

Display

Celestial Body