**ICG First Report – Solar Systems**

**GitHub Repository URL** - <https://github.com/tiagosf13/ICG-Project>

**Deployment URL** - <https://www.solarsytems.pt/> [Deployed from the **main** branch]

Uma imagem com círculo, captura de ecrã, texto, astronomia

Os conteúdos gerados por IA poderão estar incorretos.

Figure 1. Current deployed application

|  |  |  |
| --- | --- | --- |
| Objectives | Done | To Do |
| Realistic Planets, Moons and Stars | ✓ |  |
| Orbit Animations | ✓ |  |
| Solar & Lunar Eclipses |  | ✓ |
| WASD Camera Movement | ✓ |  |
| Smooth Camera Rotation | ✓ |  |
| Zoom Functionality | ✓ |  |
| Map & Planetary Info |  | ✓ |
| Camera Lock in Planet POV |  | ✓ |
| Read Solar Systems from File | ✓ |  |
| Write Solar Systems to File | ✓ |  |