| Task | Assignment | Status | Notes |
|---|---|---|---|
| Miscellaneous | | | |
| Create Github Repository | Ryan | Completed | |
| Create PowerPoint Presentation | Yuki, Korina | Completed | |
| Track/Cite Image & Research Sources | Korina | Completed | |
| Data Wrangling | | | |
| Download Raw Equirectangular Maps | Korina | Completed | |
| Compress Raw Equirectangular Maps | Korina | Completed | |
| Create CSV of Raw Data for MySQL DB | Korina | Completed | Body, Landmark, Latitude, Longitude, Avg. Temp, Month, Year |
| Convert Thermal Maps to Raw Data | Ryan, Korina | Completed | Longitude, Latitude, Avg. Temp |
| Website Development | | | |
| Image Design | Naoya | Completed | |
| Build MySQL DB | Yuki, Ryan | Completed | |
| Landing page | Takeshi, Yuki, Naoya, Ryan | Completed | All bodies of solar system (Sun, planets) |
| Search capability/API to grab data from repository | Yuki, Ryan | Completed | |
| Individudal pages | Takeshi, Yuki, Naoya, Ryan | Completed | 1 for each body or moon |
| Convert images from equirectangular orthographic projection | Takeshi | Completed | |
| Convert images from equirectangular to gnomonic projection - "Globe Mode" | Takeshi, Yuki, Ryan | Completed | User clicks this option if they want to project on to external globe |
| Hardware Development | | | |
| Paint globe | Arthur | Completed | |
| Build globe stand | Arthur | In progress | |
| Build/calibrate Fisheye for projector | Arthur, Ryan | Completed | |
| Website + Hardware Integration | | | |
| Testing | Arthur, Ryan | Completed | |