| TASK TITLE | START DATE | DUE DATE | DURATION | PCT OF TASK COMPLETE |
|---|---|---|---|---|
| **Project planning and research and documentation** | | | | |
| Brainstorm | 6/6/21 | 6/18/21 | 12 | 100% |
| Research and idea evaluation | 6/8/21 | 6/20/21 | 12 | 100% |
| UI design (sketches) | 6/20/21 | 6/25/21 | 5 | 100% |
| p5.js 3D and SVG learning | 6/17/21 | 6/28/21 | 11 | 100% |
| Code design and planing | 6/20/21 | 6/25/21 | 5 | 100% |
| Midterm report preparation | 6/27/21 | 7/2/21 | 5 | 100% |
| **Coding** | | | | |
| proof-of-concept pieces to verify ideas | 6/16/21 | 6/21/21 | 5 | 100% |
| Load SVG from file and render it on the canvas | 6/19/21 | 6/21/21 | 3 | 100% |
| Calculate stat values from CSV and apply it to the rendered map as styles | 6/20/21 | 6/23/21 | 3 | 100% |
| Date slider | 6/22/21 | 6/24/21 | 2 | 100% |
| 3D cylinder segment rendering | 6/20/21 | 6/23/21 | 3 | 100% |
| Cylinder colour and shadow rendering | 6/22/21 | 6/25/21 | 3 | 100% |
| Adding new datasets, adding selectbox to select datasets for covid map | 7/4/21 | 7/6/21 | 2 | 0% |
| Add timeline for date slider | 7/7/21 | 7/13/21 | 5 | 0% |
| Add interactiveness for the map | 7/9/21 | 7/15/21 | 5 | 0% |
| Add interactiveness for the 3D pie | 7/13/21 | 7/20/21 | 5 | 0% |
| Add interactive legend for the 3D pie | 7/15/21 | 7/22/21 | 5 | 0% |
| Code cleanup and refactoring | 7/19/21 | 7/26/21 | 5 | 0% |
| **Testing and submission** | | | | |
| Testing, bug fixes, stability improvements and a gap for unseen circumstances | 7/26/21 | 8/9/21 | 10 | 0% |
| Final submission preparation | 8/9/21 | 8/13/21 | 5 | 0% |

Timeline header:
- **PHASE ONE (BEFORE MIDTERM)**: WEEK 1, WEEK 2, WEEK 3, WEEK 4
- **PHASE TWO (AFTER MIDTERM)**: WEEK 5, WEEK 6, WEEK 7, WEEK 8, WEEK 9, WEEK 10, WEEK 11
- Days: M T W R F