|   | 1/16/22 | 1/23/22 | 1/30/22 | 2/6/22 | 2/13/22 | 2/20/22 | 2/27/22 | 3/6/22 | 3/13/22 | 3/20/22     | 3/27/22  | 4/3/22 | 4/10/22 | 4/17/22 | 4/24/22 | 5/1/22 |
|---|---------|---------|---------|--------|---------|---------|---------|--------|---------|-------------|----------|--------|---------|---------|---------|--------|
| Status Update 1   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| EEG interfacing with arduino/raspberry pi board         |         |         |         |        |         |         |         |        |         | Not started |          |        |         |         |         |        |
| Verify EEG hardware reads correct signal frequencies    |         |         |         |        |         |         |         |        |         | In Progress |          |        |         |         |         |        |
| Finish PCB design and order boards                      |         |         |         |        |         |         |         |        |         | Completed   |          |        |         |         |         |        |
| Write SP/ML integration program for training models     |         |         |         |        |         |         |         |        |         | Behind :    | Schedule | )      |         |         |         |        |
| Status Update 2   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Write SP/ML integration program for live analysis       |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Record live analysis ML model accuracies/results        |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Record live analysis ML model with multiple people      |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Status Update 3   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Full SP/ML Integration - Training/Live Analysis         |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Solder components onto PCB's and verify proper function |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Verify PCB's interface with arduino/raspberry pi board  |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Finish live spectrum analyzer software                  |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Status Update 4   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| SP/ML live analysis - long sessions                     |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Status Update 5   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| EEG System Validation                                   |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| SP/ML System Validation                                 |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Final Design Presentation                               |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Final System Demo                                       |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Project Showcase  |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |
| Final Report  |         |         |         |        |         |         |         |        |         |             |          |        |         |         |         |        |