LEARNING PLAN

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Problem Statement:

Patients around the world suffer from decease which cause them to unable to move their body but their brain still functional.

Requirements:

- The person must unable to move their body entire the experiment and training session
- Device using must be……

Scopes:

- Using EEG device to collect brain signal from a person who cannot move.
- Focus on improving brain signal to control movement of the model
- Using Ros and non-invasive BCI In this article

15-week Learning Plan/Work Schedule:

Week	Topics to Learn	Deliverables
0	What I want to do	Learning Plan
1	What is BCI, Motor Imaginary, devices type	Summary note and Research
2		
3	Create a Robotic hand CAD	3D Hand Model + Summary note
4	Collect EEG data and apply basic knowledge	Code + Summary note
5	Feature Extraction from EEG Data	
6	Train Model and Fix Bug	
7		
8	Develop BCI node for ROS2 and Testing	
9		
10	Testing with Robotic Hand	Code and Video
11	Documentation + Run demo + Fix Bug	Draft Report #1
12		Draft Report #2
13		Draft Report #3
14		Draft Report #4
15	Final Demo and Submission	Final Report, GitHub, Presentation

Student's Signature:

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Advisor's Signature:

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