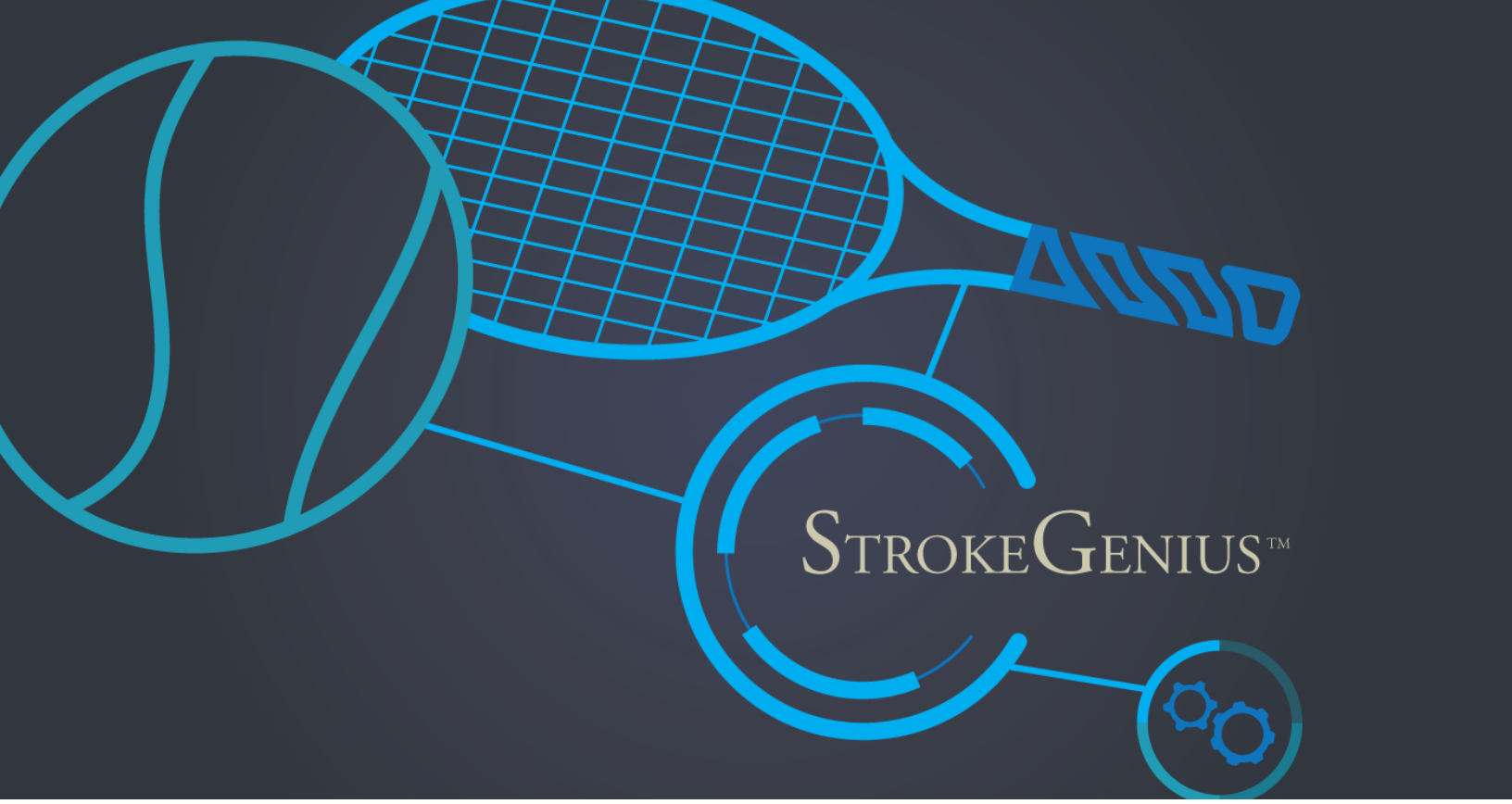

Stroke Genius

MYO BASED APPLICATION

Mohnish | CS13B019 | Prateek | CS13B018

Initial Research

- Definitive factors that define a perfect stroke
- What factors that are unique to a style of play
- Suggestions on footwork
- What factors are unique or are defined by the physical disposition of a person

Calibration Method

- Coming up with multiple ways to calibrate Myo to gain arm reach and various other data factors
- An ML method to fit the obtained data to a proportionate amount in order to compare with our *perfect data* and again, in more than one methods
- If time permits, allow leeway to incorporate a unique style of play

Logging and Base GUI

- An effective logging system
- Writing data into shared memory
- Implementing a shared memory (major task)
- Graph Visualization and rendering in 3-D to attain the final stroke visualization

Work with the device

- Get training data
- Implement calibration methodology

Depending on the actual data, decide whether the logging device requires an ML method to filter the raw sensor data

Start merging all the divisions into a single package and final GUI

Git Repository Online

We are using git hub as our online repository

The project is present in the repository named StrokeGenius

Our user names are MohnishSPU, SatyaPrateek