

## Karate Tournament Utility Outline

### I. Users

1. participants
  - i. keep track of teammates scores or somebody they are following
2. Score keepers
  - i. Make quick and precise adding up scores. Also, find the rankings among participants
3. Data entry manager (2 options here. Depends if I can get a hold of data manager)
  - i. Use it to input quick information (build my own data server)
  - ii. If I go with my second option it might be easier formatted printable sheets to enter data.
4. PKC/TKA/AAU karate tournament
  - i. Any tournament can use this utility to make it easier to score at tournaments

### II. Problem

1. All done through paper work
2. each process is done in multiple steps
3. paper data entry
4. longer processing of end results

### III. What is it?

1. A tool anybody could use to help them in scoring for karate tournaments.
2. Easier Data entry tool for putting in season points.

### IV. Technology being used

1. Website
  - i. mostly pc
  - ii. maybe tablet

2. Not going to happen

- i. Phone ( a lot more time would have to go into this)

V. Languages being used (e.g. code)

1. HTML

- i. Build of the main website

2. CSS

- i. The style of the website

3. JavaScript

- i. Mechanics of the website

4. Python

- i. Server side

5. C++

- i. data storage side