**Spin Hub App Design Document**

**1. Introduction**

1.1 **Overview**

Spin Hub is an application/website designed to help athletes and coaches to track and review past competition. The app will allow easy and UI friendly access to multiple data stored online.

1.2 **Target Audience**

The primary target of this app is coach and athlete who are interested in monitoring their performances and or look up data from competitions.

1.3 **Goals**

* Easy access and friendly interface.
* Enable users to input and store their match/competition data.
* Provide analytics and visualisation of their performance overtime.
* Enable users to view videos of their past fights.

**2. Features**

2.1 **Authentication**

Upon creation of the account, the user will have to create a simple password to access his hub.

2.2 **Profile Management**

Users can add information such as their name, belt, age, weight, this will be useful for analytics.

2.3 **Competition Record Entry**

* Users can add a new competition/fight data, including their current profile (age, belt weight), opponent name, scores, and outcome.
* Additionally, you can link videos of the fights, keeping control on the video host location.

2.4 **Record Visualization and Analytics**

* The app will create a graphical representation of athletes’ performance overtime.
* Win/loss ratios depending on belt, weight and age.