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.