James Tiu Capstone *BoxThemis* User Stories



Welcome to *BoxThemis* !!!

Introduction

In March 2020, the global Covid-19 pandemic put a halt to all live boxing shows (professional and amateur), throughout the world. Boxing, as a sport and as a business & entertainment product, has made a slow but steady recovery. A single event (even an exhibition, e.g., a recent match between two ‘retired’ heavyweight boxers, Mike Tyson and Roy Jones, Jr.), can generate tens of millions of dollars in revenue through [pay-per-view](https://chicago.suntimes.com/2020/12/8/22163494/mike-tyson-roy-jones-jr-pay-per-view-generated-more-than-80-million)), and the attention generated by the event creates greater opportunity for every boxing participant, from the professional athelete to the kid lacing up gloves for the first time.

Boxing Judging Pain Point

In all boxing events (pro and amateur), three judges score a boxing match, and one judge’s incompetent scorecard might tip the decision to the wrong fighter. For example, in a recent pay-per-view event, one judge’s (much-criticized) scorecard tipped the decision to a boxer named ‘Estrada,’ when to any objective observer, the winner should have been ‘Gonzalez.’ The boxing world was outraged at that judge’s scorecard. (See [outrage](https://www.badlefthook.com/2021/3/14/22329584/estrada-vs-chocolatito-2-pros-react-great-fight-controversial-scoring-boxing-twitter-news-2021)).

Boxing fans may not purchase a pay-per-view event (often a $75 three-hour show), if too many matches (like the Estrada/Gonzalez decision), are viewed as unfair, due to poor judging. The traditional training of a new judge includes attendance at live, in-person amateur bouts, then live in-person professional bouts, over the course of years. State commissions took very little thought to what might happen to an aspiring boxing judge’s training in the event that all amateur and professional boxing was discontinued for a year (or longer).

Statement of User Stories

My solution to the lack of in-person training for judges is on-line training tool, *‘BoxThemis’*, where aspiring judges can practice judging a pre-recorded fight.

Project points: /55

1. (5 points) As a boxing judge, I want to create an account and a profile and log-in to *BoxThemis* with the intention of sharpening my boxing judging skills.
2. (5 points) As a boxing judge, I want the ability to review the criteria for how to judge a fight (example: Who has better defense? More effective punches? Best ‘ring generalship’?).
3. (12 points) As a boxing judge, I want the ability to review a video of a boxing match (from a known limited list of disputed fight decisions) as well as the ability to watch short videos of how a boxing match parameter should be judged using the YouTube API.
4. (6.5 points) As a boxing judge, I want the ability to Zoom in-app with a coach to synchronously get feedback on my scorecard.
5. (6.5 points) As a coach, I want the ability to Zoom in-app with a boxing judge to synchronously give feedback on their scorecard.
6. (5 points) As a boxing judge, after each round of the recorded match, I want to enter my score in a scorecard
7. (5 points) As a boxing judge, after the last round of the match, I want to see the calculated score, and the judged winner of that match.
8. (5 points) As a boxing judge, I want the ability to have my scorecard compared to the scorecard of the official decision and be informed of the differences.
9. (5 points) As a boxing judge, I want the ability to see all of my previous scorecards and fights that I scored, including scorecard, date of fight, winner, loser.

Summary

*BoxThemis* eliminates the need for an aspiring judge to attend live amateur or professional bouts to practice judging, and a years-long apprenticeship could be completed in a much shorter period. The ultimate effect: with a wider, better trained pool of judges, the boxing world can avoid unfair results and the possibility of reduced revenue due to dissatisfaction with disputed pay-per-view results.

Proposed Technology

***Technology:*** ASP.Net framework, Visual Studio, Visual Studio Code, Postman

***API***: YouTube API V3:

The YouTube Data API (v3) lets you incorporate YouTube functionality into your own application. You can use the API to fetch search results and to retrieve, insert, update, and delete resources like videos or playlists (Wikipedia)

***Languages:*** HTML, CSS, C#, JS.

Conclusion

Positive public opinion of a professional bout creates demand for more combined professional/amateur boxing events, *ergo* more boxing gyms are opened to supply boxers for the events, *ergo* more opportunities for kids (and casual fitness trainers), to find an open boxing gym. *BoxThemis*, will ensure higher quality judges can receive on-line training, even if the judges cannot attend live events.