

Milestone 5

Super Smash Bros Brawl Management System
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1 Executive Summary

not necessary, but a good idea.

2 Introduction

foo.

3 Problem Description

foo.

4 Solution Description

4.1 Front-End Discussion

foo

4.2 Back-end Discussion

foo

5 Key Challenges

foo.

6 Database Design

6.1 Security Measures - Stored Procedures & User Permissions

foo

6.2 Integrity Constraints

foo

6.3 Stored Procedures

trevor has this

6.4 Views

foo

6.5 indexes

foo

6.6 Triggers

foo

7 Appendix A

7.1 Relational Schema

foo

7.2 Entity Relationship Diagram

foo

7.3 Explanation of Entity Relationship Diagram

foo

8 Design Analysis

8.1 Strengths

foo

8.2 Weaknesses

foo

9 Who done what

make this in word, and bring the pdf over.

10 Index and Glossary

Assigned to: Developer ultimately responsible for the implementation of a feature (??).

Effort: Expectation of the resources and time consumed for a feature (??).

Exact Matching: Valid search candidates are determined by strict equality with the search input(s) (??).

Feature: A system capability that fulfills a user need (??).

Flow: A particular series of ordered steps through a sequence of events in a use case (??).

Fuzzy Matching: Valid search candidates are determined based on similarity to the original search input(s) (??).

Post-condition: An expectation of the system's state after the events in a use case occur (??).

Pre-condition: An assumption about the state of a system before a use case's events are followed (??).

Priority: Description of how essential a feature is to the project (??).

REST: Stands for “Representational state transfer;” is a style software architecture often used in servers for simplicity and scalability. Amongst other aspects of REST, it is stateless. This means each request sent from the client of the server that uses REST to the server does not require any information from any previous requests. All information required to fulfill the request must be sent with the request (??).

Risk: Probability that a feature will instigate delays in the project (??).

Scenario: A possible permutation of a set of flows that lead from one flow to another (??).

Stability: Likelihood that the understanding of a feature will change (??).

Target Release: Expected release iteration of a testable feature (??).

Test Case: Specifies what the expected result of a series of actions will have in a system (??).

Universal Product Code (UPC): a specific kind of barcode assign uniquely to each item in the server (??).

Use case: A description of the steps performed by a user and system that leads the user towards a useful outcome (??).

Wildcard Matching: Valid search candidates are determined based on adherence to the user’s given search pattern (??).

11 References

- (1) Leffingwell, Dean, and Don Widrig. *Managing Software Requirements: a Use Case Approach*. Addison-Wesley, Boston, 2nd Edition, 2003.
- (2) “Ruby 1.9.2” *Download Ruby*. Ruby. Web. 6 October 2011.
- (3) “Sinatra 1.3.0” *Sinatra: Documentation*. Sinatra. Web. 6 October 2011.