NBA Database

Group Members: Peter Mah, Jason Paul, Thomas Yee

**THOMAS - Abstract**

The focus of this project is to create an NBA mini database which include the teams, its players, and the stats of the players. A fan will be able to search the database for their favourite teams or players in order to see the stats. An entity relationship diagram will be created to show the relationship between the entities (teams, players, etc) in the database. Next, a relational model

**PETER - Scenario and Goals**

Users of the National Basketball Association (NBA) mini-database will be able to interact with the PHP based user interface (UI) to perform simple operations such as:

* Look up statistics for all players in a single team
* Look up all statistics for all players in a past game
* Look up all statistics for a single player over their career
* Filter results by season
* Compare multiple players’ statistics on the same table
* Identify minimum/maximum values for all players in the league for a given statistic
* Use cases
* UI description
* Special constraints:
  + Speed
  + Size
  + Storage
  + Scale
  + Robustness

**JASON - Design Strategy**

**PETER - Design Unknowns/Risks**

**JASON - Implementation Plan & Schedule**

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| **Task** | **Deadline** | **Responsible** |
| Scrape data from web | March 13, 2020 | Peter, Jason, Thomas |
| Entity Relationship Diagram | March 15, 2020 | Peter, Jason, Thomas |
| Clean raw data | March 18, 2020 | Thomas |
| Create functional database | March 20, 2020 | Jason |
| Backend completed | March 23, 2020 | Peter |
| Relational Model | March 29, 2020 | Thomas, Jason |
| Frontend completed | April 10, 2020 | Peter, Jason, Thomas |
| Functional Model | April 12, 2020 | Peter, Jason |
| Final Report | April 15, 2020 | Peter, Jason, Thomas |

**THOMAS - Evaluation**