CSC-667-Spring17-Team-DRFB

Term Project - Milestone 2: Web Application Entity Design

3/18/17

Team Members:

Felix Chin

Brandon Chiong

Rainier Hui
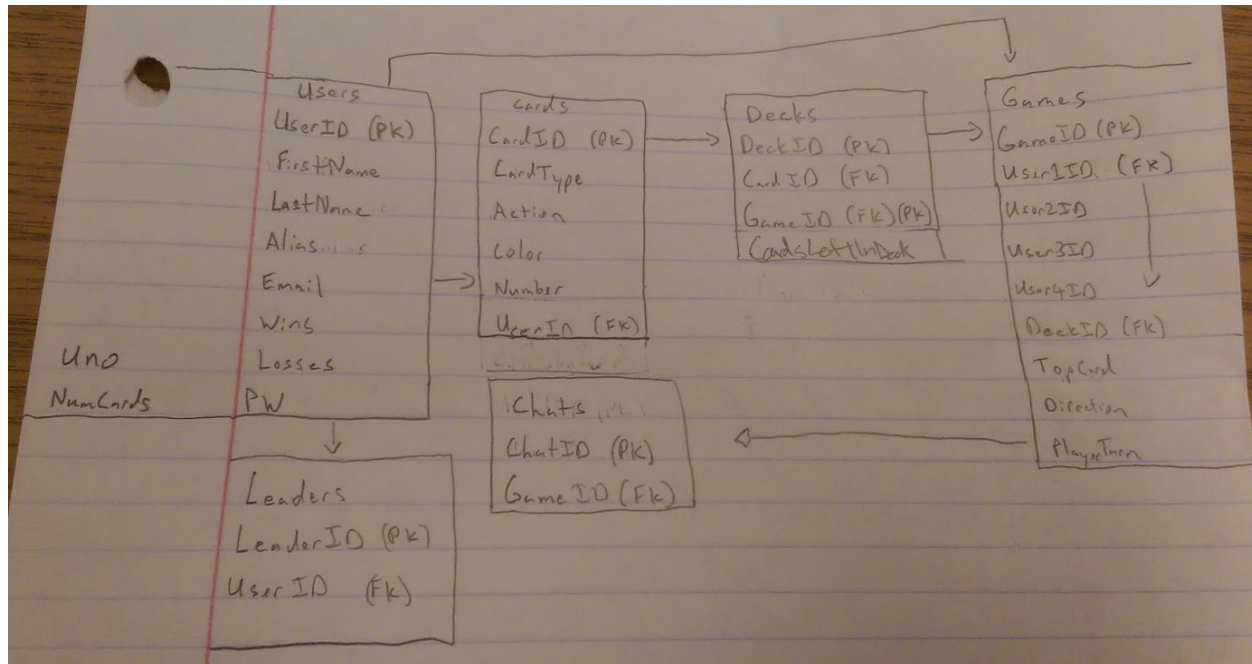
Daniel Nguyen

GitHub Repository:

https://github.com/SFSU-CSC-667/term-project-spring-2017-drfb-1

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## Entity Diagram:



## Entity Descriptions:

- **Users**: Provides records of registered users with values for various fields that will be used. Ex: Wins and losses used for leaderboard
- **Cards**: A record of different cards in Uno with their attributes as fields. **UserID** is referenced from Users in a one to many relation to indicate which cards a player has
- **Decks**: A record of particular deck of Uno cards associated with particular instances of games
- **Games**: Records of game instances which reference **Users** and **Decks**. Entity also has fields relating to current game situation such as **TopCard** and **PlayerTurn**.
- **Chats**: Records of chat rooms that reference **Games** to associate an instance of the game it's attached to.
- **Leaders**: Records of leading **Users** with best win/loss ratio.