Web Development CMS Proposal

Big Brother Canada Fantasy League & Episode Discussion Board

**WEBD-2006 – Section 1**

**Josh Lavallee**

**Due: September 20th/2019**

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| Big Brother Canada Fantasy League & Discussion Board  Content Management System | |
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| Development Team |  | |
| Description | |
| **Jody Gillis – Owner**  **Josh Lavallee - Developer** | Big Brother Canada is a Canadian television reality game show and part of the global [*Big Brother*](https://en.wikipedia.org/wiki/Big_Brother_(franchise)) franchise. The series follows a group of contestants, referred to as "Houseguests", living in a custom-built home under constant video surveillance. The Houseguests have no communication with the outside world while in the house, with no access to luxuries such as internet and phones. One of the contestants is voted out of the house each week, while the winner of the series receives a $100,000 grand prize and other luxuries. ([Source](https://en.wikipedia.org/wiki/Big_Brother_Canada))  With the start of Big Brother season 8, producers have decided to create an interactive website for fans to discuss the week’s episode with other BBCAN fans. In addition, they want to enter the fantasy gaming market with an adapted version of popular sports fantasy leagues (NHL, NFL, MLB, etc.) with a point system for days stayed in the house (.5pts per day), Head of Household wins (4pts), Veto Wins (2pts) and times nominated (-1pts). Users can select a team of 5 houseguests and go head to head with their friends to compete for fantasy glory. | |
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|  | Database Structure |  |
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| **Tables** | | |
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| **Name** | **Purpose** | **Attributes** |
| **User** | Data of the individual users signed up to the website. Their page will show their current team composition, point total, and league. | 3 |
| **Episode** | Episode data such as airdate and name will be used as a discussion starting point for users to post thoughts on the episode. | 3 |
| **Comment** | Represents a comment on an episode which will include the title, date posted and user it was posted by. | 6 |
| **Team** | The chosen houseguests 3-5 (TBD) of a user which will include the team name. | 9 |
| **League** | Represents the league that the user’s team has joined to compete in will display as a ranked list showing the leagues teams sorted by point totals. | 2 |
| **Houseguest** | Information on the houseguest for display on a page alongside all their current fantasy stats. | 8 |
| **Guestteam** | Related guest to team table to resolve many to many relationships. | 2 |

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|  | Entity Relationship Diagram |  |
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