Web Development CMS Proposal

Big Brother Canada Fantasy League & Episode Discussion Board

WEBD-2006 – Section 1
Josh Lavallee

Big Brother Canada Fantasy League & Discussion Board

Content Management System

Development Team

Jody Gillis – Owner

Josh Lavallee - Developer

Description

Big Brother Canada is a Canadian television reality game show and part of the global *Big Brother* 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)

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.

DATABASE STRUCTURE

TABLES

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

ENTITY RELATIONSHIP DIAGRAM

Episode
PK	EpisodeId
	Episodename
	AirDate

Comment
PK	CommentId
FK	UserId
FK	EpisodeId
	Title
	Content
	Date

User
PK	UserId
	Username
	Password

Team
PK	TeamId
FK	UserId
FK	LeagueId
	Teamname
	Member1
	Member2
	Member3
	Member4
	Member5

League
PK	LeagueId
	LeagueName

Guestteam
PK	FK	TeamId
PK	FK	HouseguestId
		attribute name

Houseguest
PK	HouseguestId
	Name
	Age
	Hometown
	Occupation
	TotalDays
	HOHWins
	VetoWins