



Domain Model

User

User is the person playing the game. They are assumed to have a username they use to sign into the system, as well as a password that is handled by a different team. They also have several statistics associated with their performance on the puzzles.

Database

Database represents a system or structure to store and allow users to access the puzzles. The exact implementation is not defined in this model. All users will access the same database, which in turn stores various puzzles.

Puzzle

A puzzle is an individual instance with a status that can be either complete or incomplete. Each puzzle is associated with a single board (dimensions of the board varies by puzzle) comprised of many cells. Each cell has a type which represents what is contained within that cell (empty, star, dot, etc.)