Business Rules

A user is required to have a password and a unique email address.

A user can have a max of eight profiles.

A profile can have one avatar picture.

A profile has its options saved to it.

A profile has a performance statistic.

A profile can save one *progress state.*

*progress state refers to the current map id that the user has played, the location on the map, the animal they’re saving, and the last three mini games the user has completed.*

A profile has a profile name.

A profile can have up to 20 animals.

An animal has one fun fact (stretch), one picture, one sound and one color.

A map has a list of nodes.

A node has a x and a y coordinate.

A mini game has a name.

A mini game has background music.

Each category of minigames has a different set of data available (pictures vs. numbers vs. characters).

Each individual Minigame can be loaded with a unique set of data dependant on the profile’s performance statistic or filter.