

# Domain

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## Gemstone



name

The name is a string, uniquely identifying each gem in a collection.



description

The description is a string, and it will contain various and diversified details about the gem. For instance, if it is precious or semi-precious, the location from where it was obtained, its wearability, transparency or any information the user wants to provide regarding the respective gem.



photo

A gem can also have a photo which illustrates perhaps better than the description the way it looks like.



color

The color is a string which describes the color of the gem, which could be either colorless or any possible color.



hardness

The hardness is a float number between 1 and 10. This represents how hard the gem is, on a scale from talc (1) to diamond (10).



birthstone

In the birthstone field will be stored the month the gem is the birthstone for.

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## User



name

The name of the user, however they want it to appear on the application.



email

The email of the user, which will also serve as the unique identification of each user. They will be required the email upon sing up and will use this credential to log into the application.



password

The password of the user, which they will be required upon sign up and will later on use in order to log into the application.