

User	
Registered User	
<ul style="list-style-type: none">• View other card templates.• Modify card templates.• has sessionId• limited to 2 cards per day	

Registered User	
User Administrator	
<ul style="list-style-type: none">• Knows its username and password.• Knows templates it has created.• knows it's e-mail address.• knows who it is following.• knows it's total rating score from all it's templates.• knows it's starred templates.	

Administrator	
Registered User	
<ul style="list-style-type: none">• Manage users.• Manage Posts.	

Template

- Has an identifier.
- knows its posting date.
- knows its posting user.
- knows how many stars it has.
- knows its title.
- knows its scenes.
- knows the number of scenes.
- knows its tags.
- knows its text fields.
- knows how many times it was flagged.

- User
- Registered User
- Administrator

Scenes

- knows the entities in the scene.
- knows its scene number/identifier.
- knows the entities it contains.

- Template

Abstract

Entity

TextField, Puzzle

- it knows its location on a scene.
- it knows its type (jpeg, mp4, png, etc)

- Scene

TextField

Entity

- knows its font.
- knows its font size.
- knows its colour.
- knows what text it contains

Puzzle		Entity
<ul style="list-style-type: none">• Knows the puzzle type.• knows the entities displayed on the puzzle.• knows the condition to win the puzzle.• knows the behaviour after you win the puzzle.		

Animator		
<ul style="list-style-type: none">• It knows the animation of the entity.• it knows the behaviour of the entity when clicked.	<ul style="list-style-type: none">• Entity	

DAO		Interface
<ul style="list-style-type: none">• Create new users with unique usernames.• Get users given the correct username and password.• Create templates.• Create a finalized templates.• Customize templates.• Find templates using different sorting methods.• Get all templates from a user, given a user.• Get all starred templates by a user, given a user.• Get finalized templates, given the unique URL.• Update password given the url link sent to the email associated with the username.• Remove posts from a user given it was created by that user.	<ul style="list-style-type: none">• User• Template	

AdministratorDAO

- Remove templates.
- Remove user.
- Get a list of flagged templates.

- Administrator
- Template