**Actors:**

There are 2 actors in our UML, the owner (artists/ creators) and the buyer (brands). They have similar capabilities but the only difference is that the buyer does not have a rating attribute:

-The Owner: (attributes)

* Registration
* Login
* Upload content: uploading content has two part (1) uploading regular content to portfolio, (2) creating ideas for pitches
* Modify content 'The Owner' owns
* Search for content
* Buy content
* Send direct brief
* Start pitches
* Rate other Owners/ creators
* Subject to ratings and reviews

-The Buyer: (attributes)

* Registration
* Login
* Upload content: uploading content has two part (1) uploading regular content to portfolio, (2) creating ideas for pitches
* Modify content 'The Owner' owns
* Search for content
* Buy content
* Send direct brief
* Start pitches

**Content**

Each idea or content should be checked for copyrights if posted it will automatically be registered in the blockchain contract corresponding to his wallet (vault) that the user owns, along with all its assets.

If the content/ idea is not valid then it will be reject for ‘reworking’  to be resubmitted into the blockchain for verification.

-Content Attributes

* Image
* Audio
* Article (ranges from synopsis (idea) to creative material (scripts, articles…)
* Video

-Creating Content: Two tiers to creating content

* Pitch Idea: could be **pitch idea** (small 200 word synopsis filled in a box)
* Portfolio: Content (content, or creative assets inside a users vault - could be for sale or not) ---- Portfolio content can be bought through ‘Direct Brief’ or peer-to-peer transaction.

**Registration:**There two phases to the registration:

-Phase 1 (email and authentication)

* Email (gmail and other)
* Dual authentication method through google authenticator app. (OPTIONAL)

-Phase 2 (setting up portfolio and service)

* Choose from scroll profession (MANDATORY)
* Fill in ‘What do I do Box’ (MANDATORY)
* Classify which ‘Content” is for sale and which is not.
* Set up services pricing (optional) - 3 sets of pricing.