

DIGIPEN INSTITUTE OF TECHNOLOGY  
GRADUATE STUDIES PROGRAM  
DEFENSE OF THESIS

THE UNDERSIGNED VERIFY THAT THE FINAL ORAL DEFENSE OF THE  
MASTER OF FINE ARTS THESIS TITLED

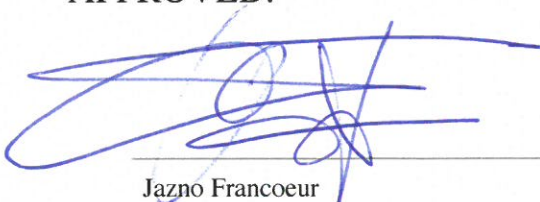



Andraste

BY

Isabel Anderson

HAS BEEN SUCCESSFULLY COMPLETED ON January 6, 2016.  
MAJOR FIELD OF STUDY: DIGITAL ARTS.

APPROVED:

 Jazno Francoeur Thesis Advisor	1/8/2016 date	 Ryan Finnerty Faculty Mentor	1-7-16 date
 Elijah Evenson Industry Mentor	1/13/2016 date	 Mark Henne Graduate Program Director	1/8/2016 date

DIGIPEN INSTITUTE OF TECHNOLOGY  
GRADUATE STUDIES PROGRAM  
*THESIS APPROVAL*

DATE: January 6, 2016

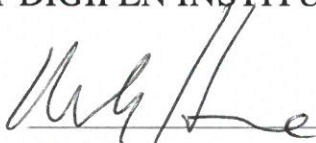

BASED ON THE CANDIDATE'S SUCCESSFUL ORAL DEFENSE, IT IS  
RECOMMENDED THAT THE THESIS PREPARED BY

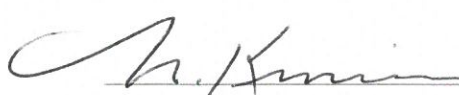

Isabel Anderson


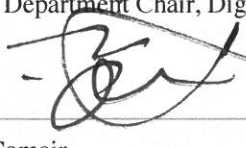
ENTITLED

Andraste

BE ACCEPTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR  
THE DEGREE OF MASTER OF FINE ARTS IN DIGITAL ARTS  
AT DIGIPEN INSTITUTE OF TECHNOLOGY.

 1/8/2016  1/12/2016  
Mark Henne date Xin Li date  
Graduate Program Director Dean of Faculty

 1/12/16  1/11/2016  
Rob Kmiec date Alain Schneuwly date  
Department Chair, Fine Arts Department Chair, Digital Arts

 1/8/2016  1/15/2016  
Jazno Francoeur date Claude Comair date  
Department Chair, Animation and Production President

Thoraste



This pdf represents Isabel Anderson's thesis spanning from Summer 2014 through Fall of 2015.



This is my brother and me c. 1995

My goal for this project is the following:

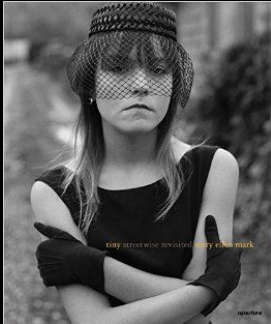
To create a visual prototype for a set of collectible dolls from a narrative that is driven by strong, multi-dimensional female characters.

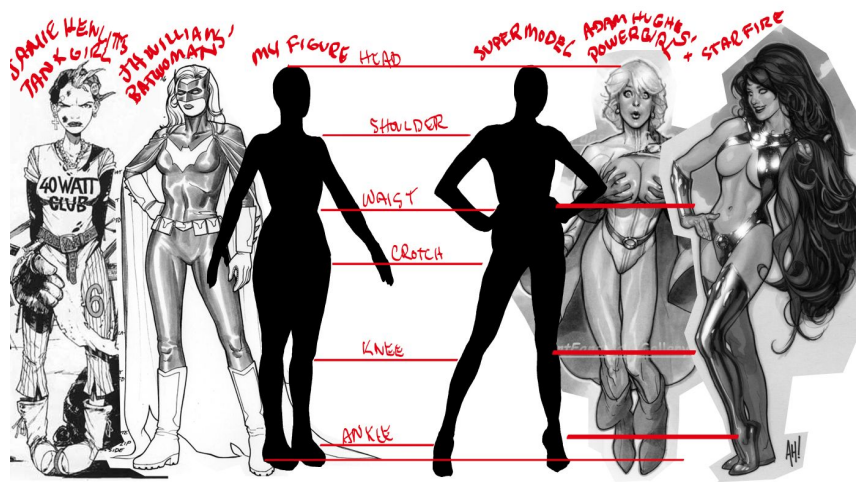


*influences...*



*visual snapshot...*

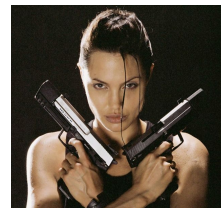




Buffy

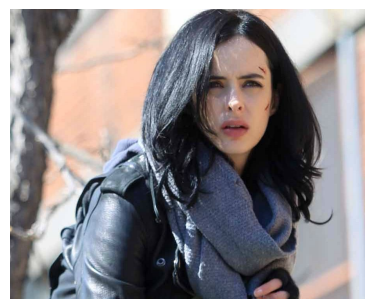


Lara Croft



Thelma and Louise

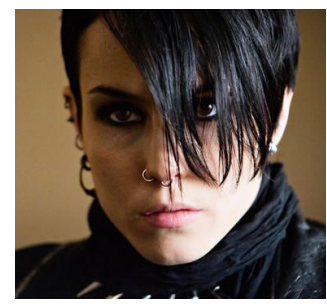
It's not just an unrealistic standard that western women almost universally subscribe to. It's communicating that the audience is never us. The lack of "normal" bodies, interesting protagonists and female driven stories (that don't end up with getting-the-guy) tells me, and girls like me, that we are not important.



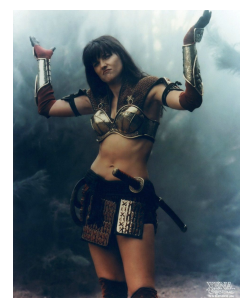
Jessica Jones



Wonder Woman



Lisbeth Salander



Xena



Scully

Instead of bogging myself down with all the negative examples... I came to find inspiration in some of my favorite female protagonists through the last couple decades.



Here is an example of my calendar. The most complicated thing about it was constantly re-evaluating and remaking it to adapt to the new problems that arose with every step.

The image shows three overlapping hand-drawn calendars for September, October, and November 2015. Each calendar is filled with handwritten notes, sketches, and task lists, indicating a highly iterative and detailed project management process.

**SEPTEMBER 2015**

- SUNDAY 30**: NEW YORK
- MONDAY 6**: DESIGN - finalized SCULPT - finalized
- TUESDAY 13**: MEE
- WEDNESDAY 20**: CALENDAR PUT ONLINE RUBRIC ONLINE
- THURSDAY 27**: NEW YORK
- FRIDAY 28**: NEW YORK

**OCTOBER 2015**

- SUNDAY 27**: NEW YORK
- MONDAY 28**: NEW YORK CALENDAR IS TOTALLY FINALIZED
- TUESDAY 29**: NEW YORK sketches made for presentation ideas
- WEDNESDAY 30**: NEW YORK write story sketches in a coherent way - draft for how it will be presented eventually
- THURSDAY 1**: NEW YORK at work craft some of the first drafts of outfits
- FRIDAY 2**: NEW YORK
- SATURDAY 3**: NEW YORK
- SUNDAY 4**: BEGIN MOLD MAKING
- MONDAY 5**: MEETING WITH RYAN
- TUESDAY 6**: MEETING WITH RYAN
- WEDNESDAY 7**: MEETING WITH RYAN
- THURSDAY 8**: MEETING WITH RYAN
- FRIDAY 9**: MEETING WITH RYAN
- SATURDAY 10**: MEETING WITH RYAN
- SUNDAY 11**: MEETING WITH RYAN
- MONDAY 12**: MEETING WITH RYAN
- TUESDAY 13**: MEETING WITH RYAN
- WEDNESDAY 14**: MEETING WITH RYAN
- THURSDAY 15**: MEETING WITH RYAN
- FRIDAY 16**: MEETING WITH RYAN
- SATURDAY 17**: MEETING WITH RYAN
- SUNDAY 18**: MEETING WITH RYAN
- MONDAY 19**: MEETING WITH RYAN
- TUESDAY 20**: MEETING WITH RYAN
- WEDNESDAY 21**: MEETING WITH RYAN
- THURSDAY 22**: MEETING WITH RYAN
- FRIDAY 23**: MEETING WITH RYAN
- SATURDAY 24**: MEETING WITH RYAN
- SUNDAY 25**: MEETING WITH RYAN
- MONDAY 26**: MEETING WITH RYAN
- TUESDAY 27**: MEETING WITH RYAN
- WEDNESDAY 28**: MEETING WITH RYAN
- THURSDAY 29**: MEETING WITH RYAN
- FRIDAY 30**: MEETING WITH RYAN

**NOVEMBER 2015**

- SUNDAY 1**: MEETING WITH RYAN
- MONDAY 2**: MEETING WITH RYAN
- TUESDAY 3**: MEETING WITH RYAN
- WEDNESDAY 4**: MEETING WITH RYAN
- THURSDAY 5**: MEETING WITH RYAN
- FRIDAY 6**: MEETING WITH RYAN
- SATURDAY 7**: MEETING WITH RYAN
- SUNDAY 8**: MEETING WITH RYAN
- MONDAY 9**: MEETING WITH RYAN
- TUESDAY 10**: MEETING WITH RYAN
- WEDNESDAY 11**: MEETING WITH RYAN
- THURSDAY 12**: MEETING WITH RYAN
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- THURSDAY 19**: MEETING WITH RYAN
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- FRIDAY 27**: MEETING WITH RYAN
- SATURDAY 28**: MEETING WITH RYAN
- SUNDAY 29**: MEETING WITH RYAN
- MONDAY 30**: MEETING WITH RYAN

**NOTES**

- Documentation is happening throughout the entire process...
- DURING "week off":
  - heads
  - torso (reprint)
  - joins
  - joins (2)
  - leas feet
  - thighs
  - pelvis
  - hands
- Supply list:
  - 1/4 scale balser wood lumber for staff
  - anrylic paints

*the story...*

We flew too close to the sun, disregarding the warning signs that were all around and were scorched for our pride...

The world broke, and humanity shattered with it. Corporations now control the remnants of our once expansive civilization, cavorting in opulence while the rest of the world scratches a living from the wastes. Now fate has drawn three women together under the unlikeliest of circumstances to shape course of our world. Three amulets of unimaginable power once lost beneath the rubble of the old world are now reclaimed and await their new masters.

Little do young Dahut, Neffie, and Ceara know that walking into the Lost and Found antique store would change their lives forever...

The three girls find special amulets in the antique shop that reveal to them their past lives and the powers they were born to have.

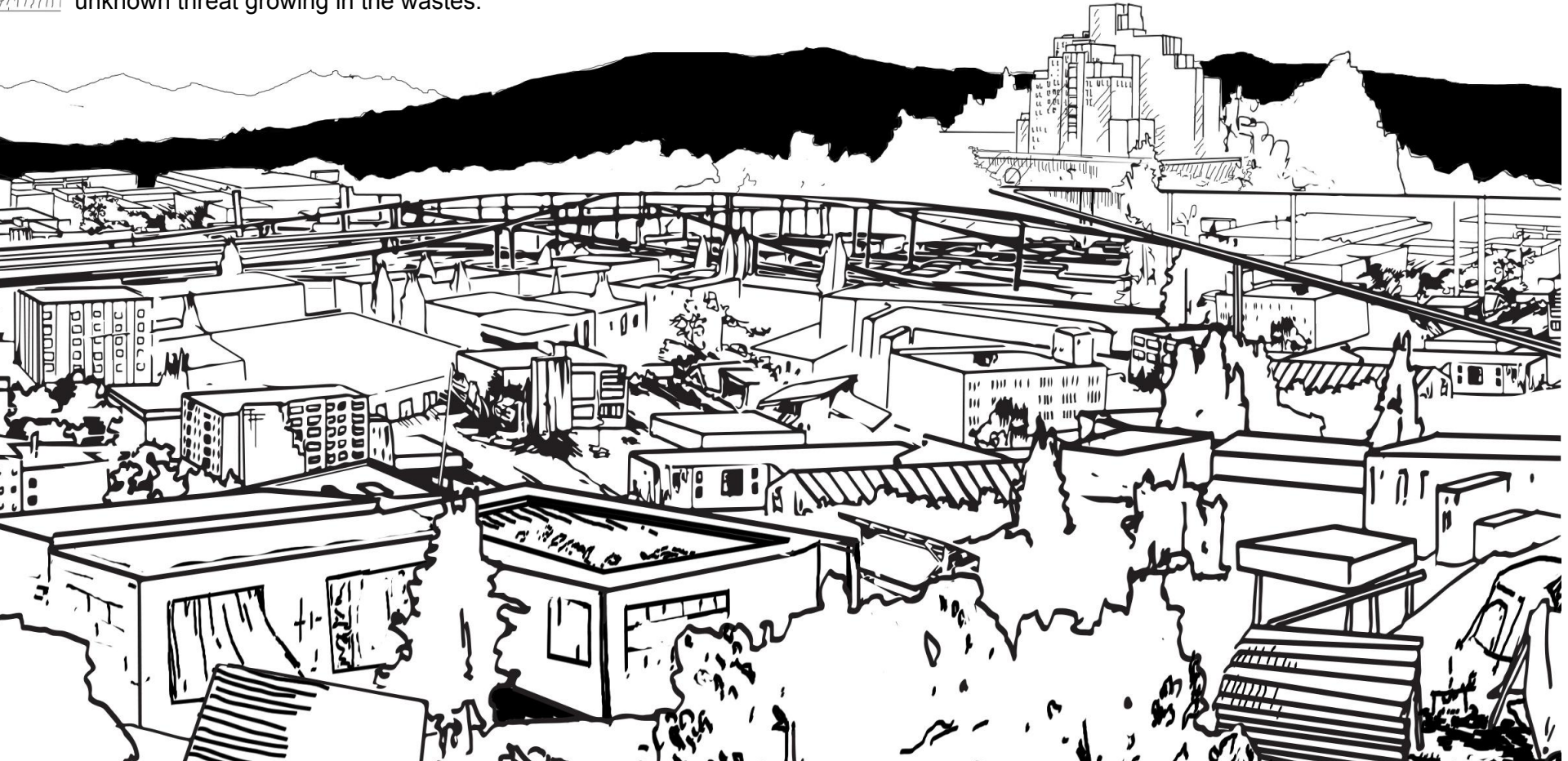


Dahut, Neffie, and Ceara struggle with their strange new powers and memories that link them with their ancestors, letting them access their shared memories and powers.

However, these powers are wild and unpredictable throwing the lives of the young women into chaos until they learn to control them...

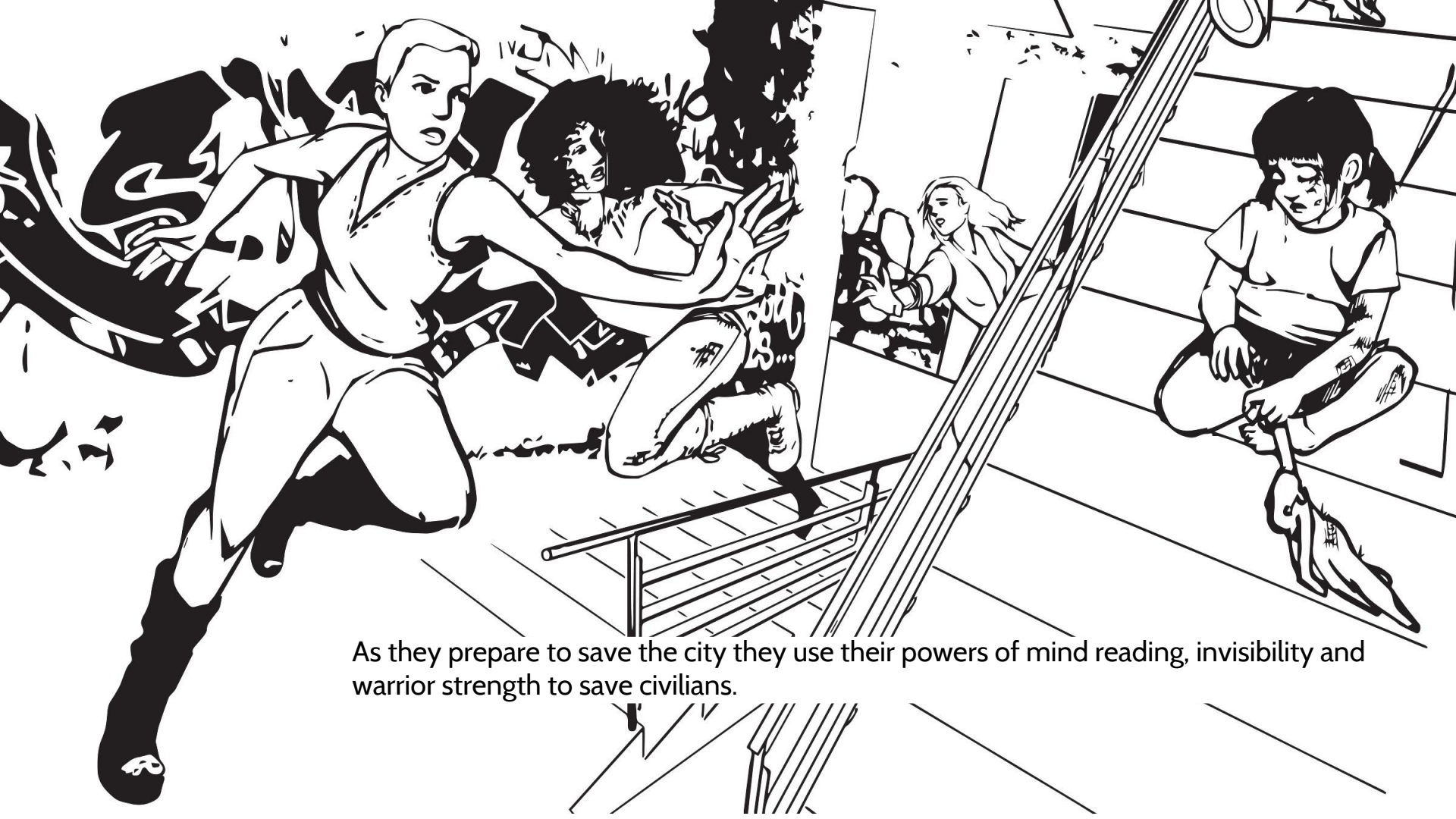
Hunted mercilessly by the Corporations mercenary army, they  
have only each other for support.

Time is not on their side as the situation within the city walls grows more dire with each passing day, and rumors of an unknown threat growing in the wastes.



These young women must learn to master their powers to stand up to the oppression of the Corporations and save what is left of their city before it is too late.





As they prepare to save the city they use their powers of mind reading, invisibility and warrior strength to save civilians.

*characters...*

powers: warrior strength and natural gift for different fighting techniques.

# *Ceara*

reincarnated from: Boudicca's daughter who was raped and killed during a Roman siege. Her mother swore an oath to the goddess Andraste and in return Ceara was granted another life in the future. Andraste's plans for the girls has not yet been fully revealed but their powers have so far allowed them to continue the work of Ceara's true mother, Boudicca, in aiding wronged civilians fight against corruption and tyranny.

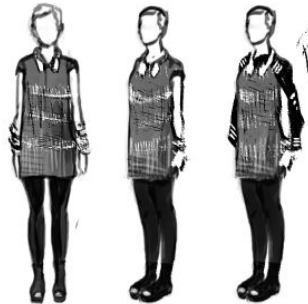


Ceara character development

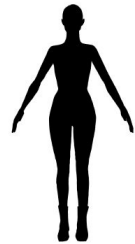


RESEARCH FOR BOLDICCA

Boldicca



Poncho

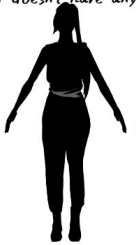


GOLD TO ARGUE

she wears heavy linens and doesn't have anything she can't carry and run with. (her clothing is practical)

too casual??

she has precious items as is the tradition in iron age wealth. carry it with you



clear bits

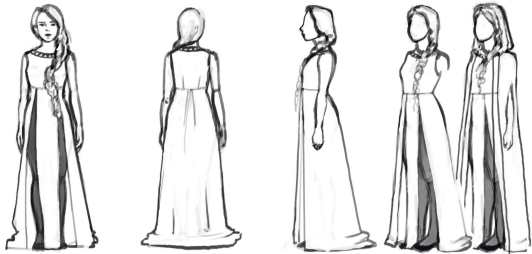
powers: mind reading and empathic reading.

# dahut

reincarnated from: Dahut from the medieval legend of the Isle of Ys. She lived under her tyrannical father whose reign brought about great wealth in their city but also horrible corruption. He would entertain her suitors for one evening, force her to seduce them before sending them to their deaths out the highest tower window. When the island sank into the sea he sold his soul for a second chance for them both. Now he unconsciously re-enacts their same fate.



# Dahut character development



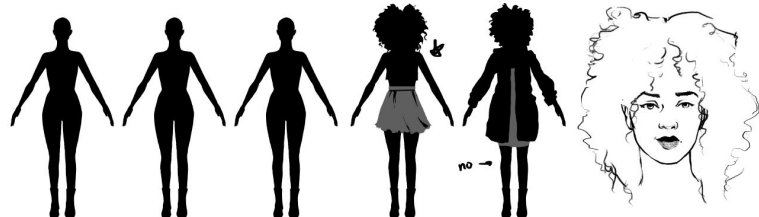
powers: invisibility but also a curious camouflage that allows her to blend in wherever she goes.

# neffie

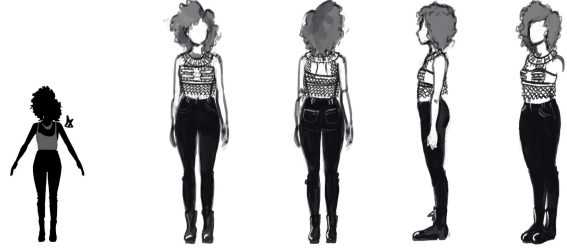
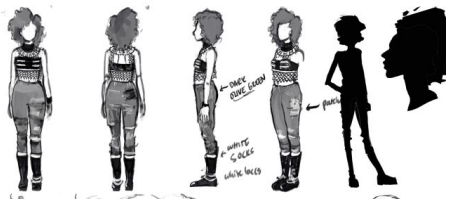
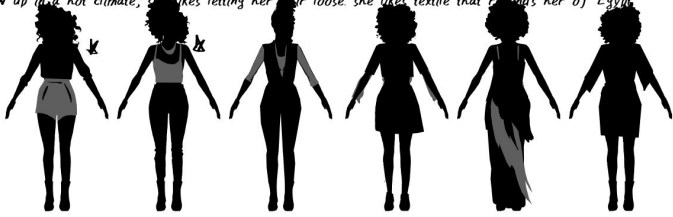
reincarnated from: Hapshetsut's daughter from Ancient Egypt, Neferure. She was especially kind and pure in her view of the world. When she died of a fever at 17 her powerful mother dedicated the rest of her life to finding a way back to her daughter. Finally, on her deathbed Andraste, as Isis, came to Hapshetsut and promised her that Neferure would find life in a future world. Neffie is also unique in that she spent quite a bit of time in the Afterlife and remembers Death. She maintains her pure heart with a cynical edge.



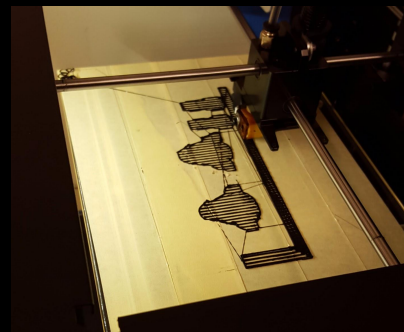
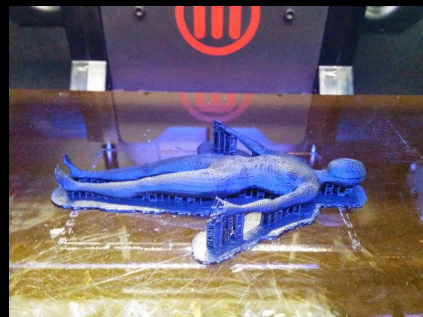
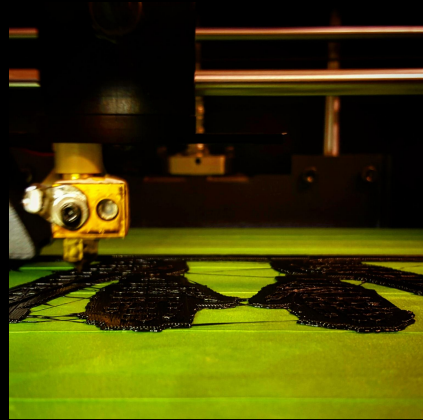
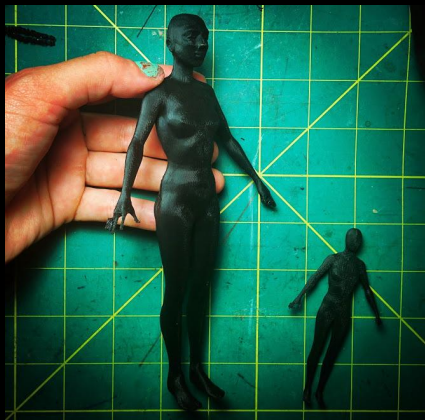
# Neffie character development



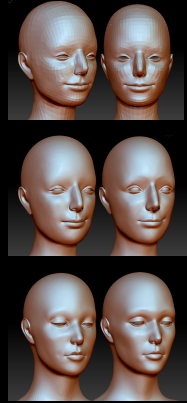
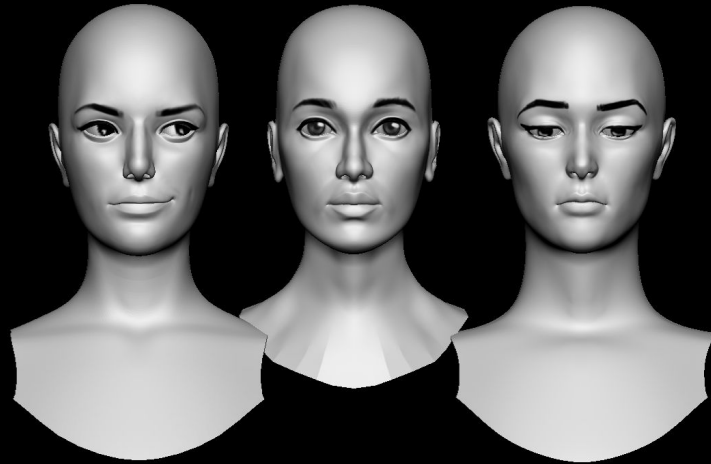
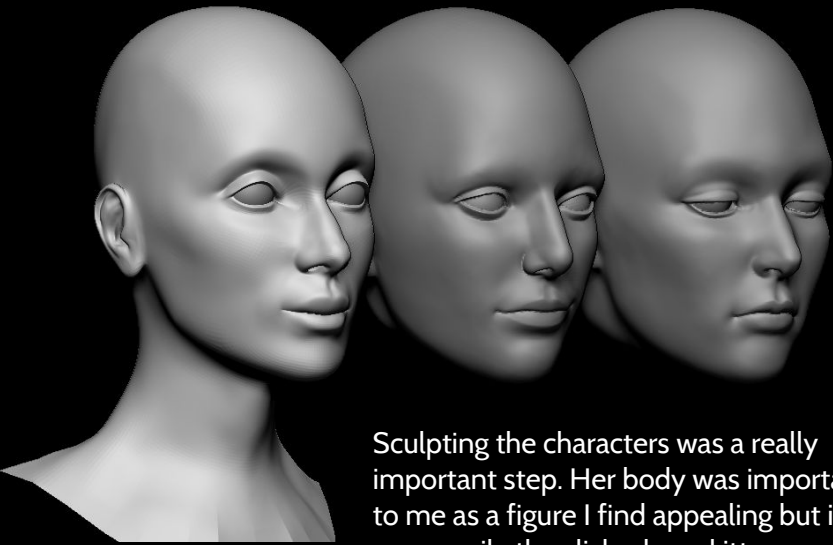
she grew up in a hot climate, she likes letting her hair loose she likes textile that reminds her of Egypt



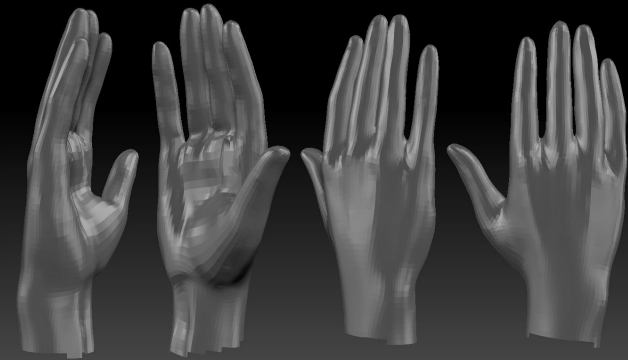
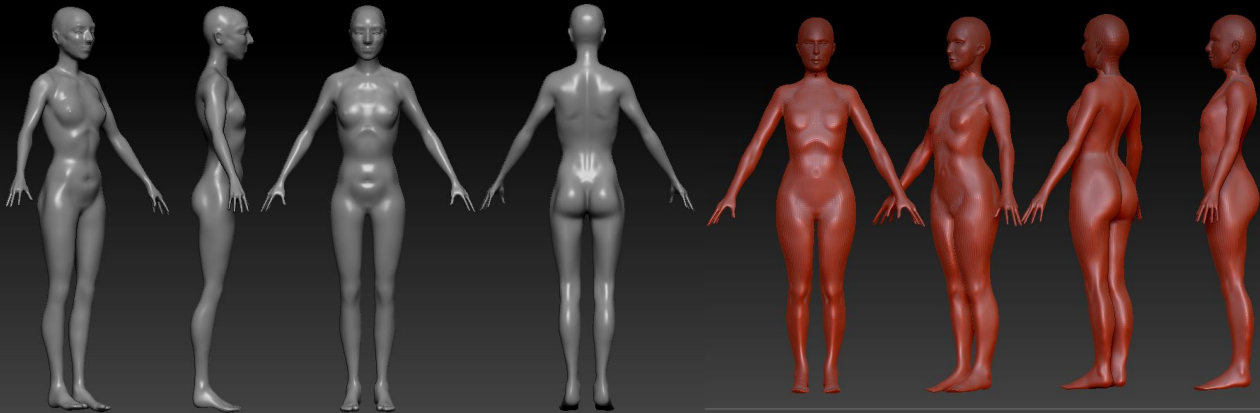


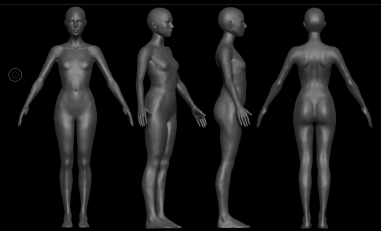
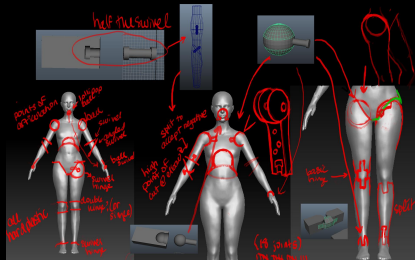


3D printing became one of the most exciting aspects of this project. Here are some photos representing that journey...

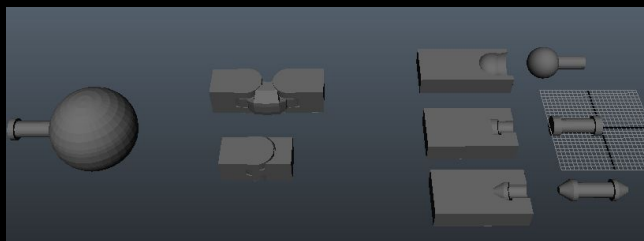


Sculpting the characters was a really important step. Her body was important to me as a figure I find appealing but isn't necessarily the cliched sex-kitten you usually find on store shelves.

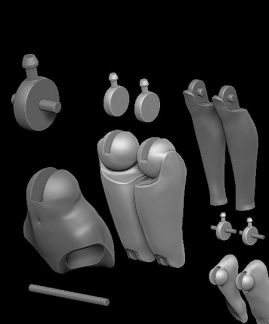
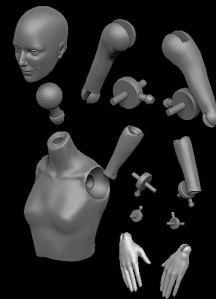
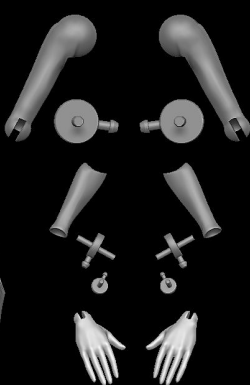




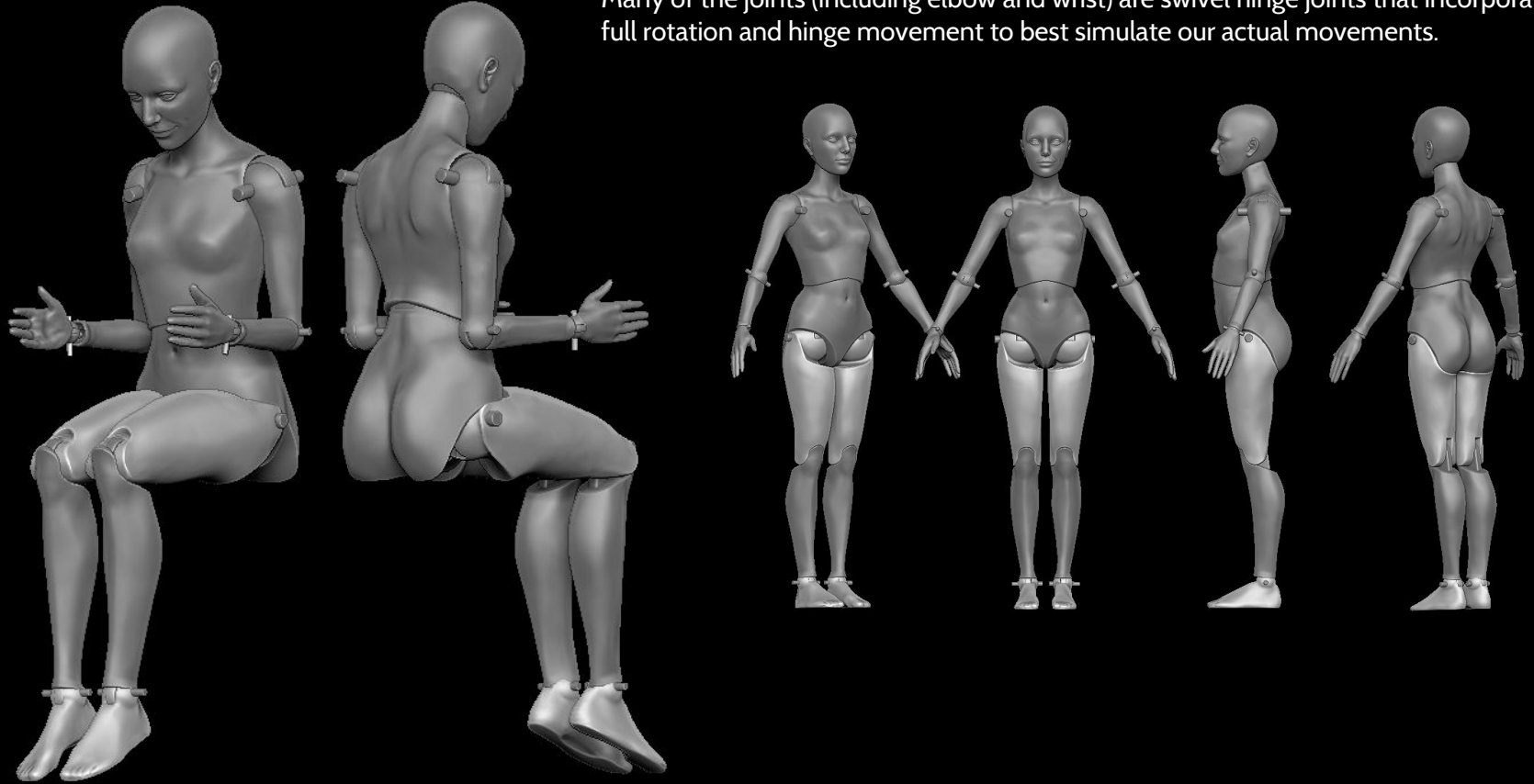
Developing the joints took the most time of any other part of the project. I wanted to develop joints that worked with anatomy and had to solve a series of problems using zbrush and my first prints.



The end result is a figure with satisfying amount of movement that works fluidly to mimic as best as possible real human joints. The elbow and wrist are good examples of this.



Many of the joints (including elbow and wrist) are swivel hinge joints that incorporate full rotation and hinge movement to best simulate our actual movements.





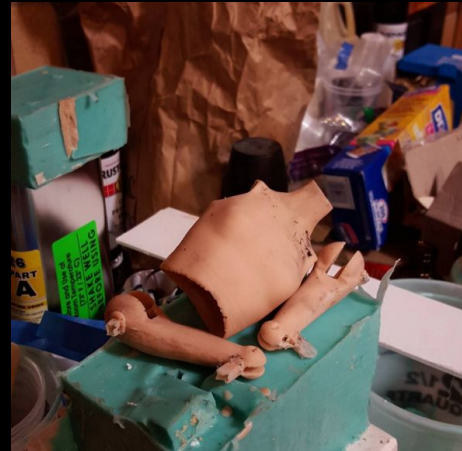
The prints had to be as good as possible for accurate joints but also to show the detail I worked on in the sculpts! I had many prints that forced me to experiment with nozzle temperature and layer height...

Here she is standing on her own with all the joints fitting how I designed them!!



Note the first torso, pictured here, split because the temperature was wrong. Her right elbow also did not fit perfectly and had to re-printed for the final.

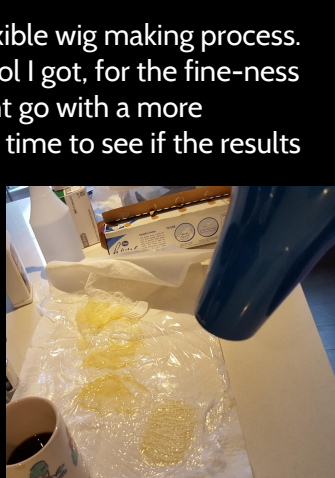


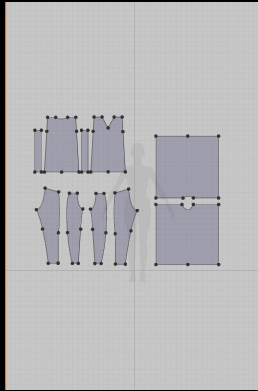
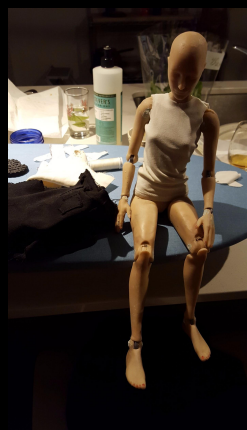




Here I tested out a flexible wig making process. Though I loved the wool I got, for the fine-ness of their features I might go with a more expensive Alpaca next time to see if the results are less voluminous.

This shows the layered liquid latex with cheesecloth added for strength. The hair is woven using the "locked loop" crochet method.





I started the clothing with my 3D model in Marvelous Designer then eventually tightened up the designs and tailoring using traditional (but tiny) pattern drafting techniques. All clothes had to be hand-stitched. The shoe soles were all printed.



This method of painting the faces I used airbrushed Matte Medium with airbrushed tinted flesh tones and finally watercolor pencil for the details. The eyelashes are real woven lashes.

*the dolls in their final form...*

note: two of the dolls have black printed bodies since their casts did not come out accurately enough to fit together.

*ceara*













*dahut*











neffie









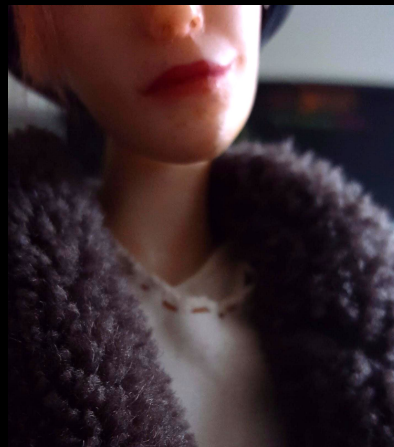




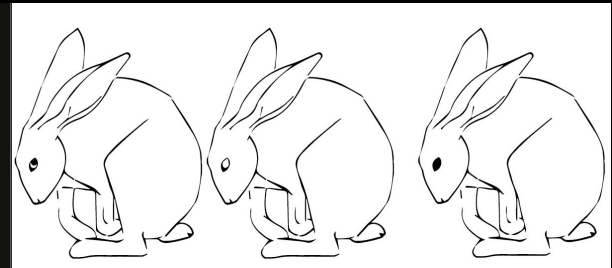
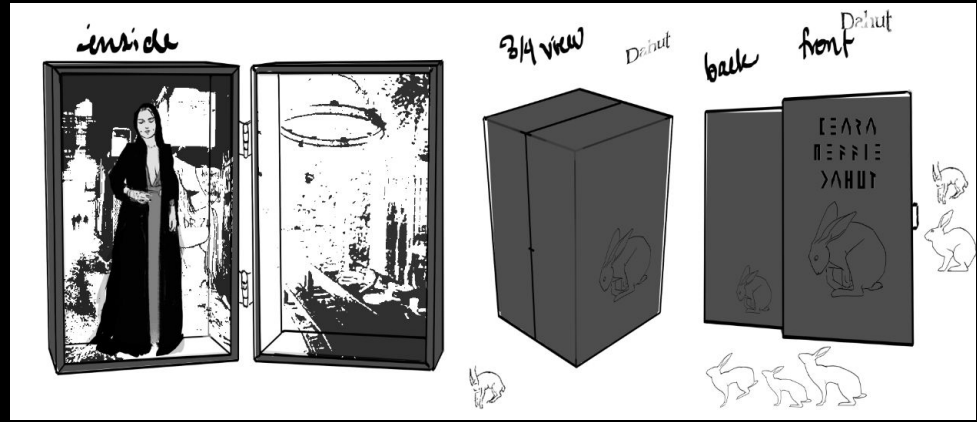
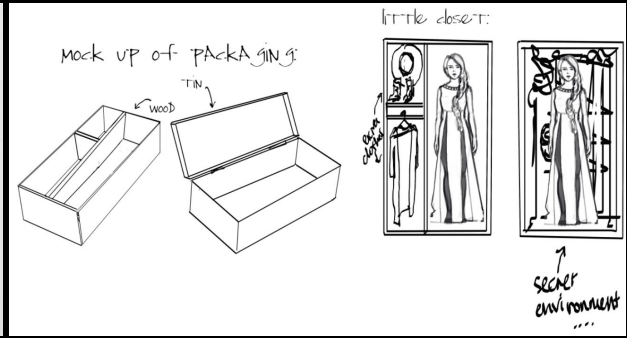
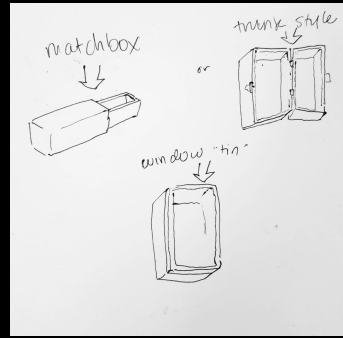




*"candid"*



Experiments with brand development and hypothetical packaging...



# Andraste

COMIC DOLLS ABOUT



# Andraste

COMIC DOLLS ABOUT



click to read:

Issue 1  
Issue 2  
Issue 3



Imagining an online store where the dolls might be sold along with their accompanying comic book adventure sage.

# Andraste

COMIC DOLLS ABOUT



# Andraste

COMIC DOLLS ABOUT

It's the year 2249 and the earth's resources have been tapped. Most cities are run by corrupt corporations and overtaken by hunger and poverty. Three young women are drawn to the same antique shop only to find three amulets that help them discover their past lives and hidden powers!

Together they must piece together a mysterious message about the fate of their city, while fighting crime and discovering more about where their powers came from!





Thank you so much, at this time I invite you to ask any questions you might have!



