



**Wristwatch**  
**Art Nouveau**  
**Clockpunk**

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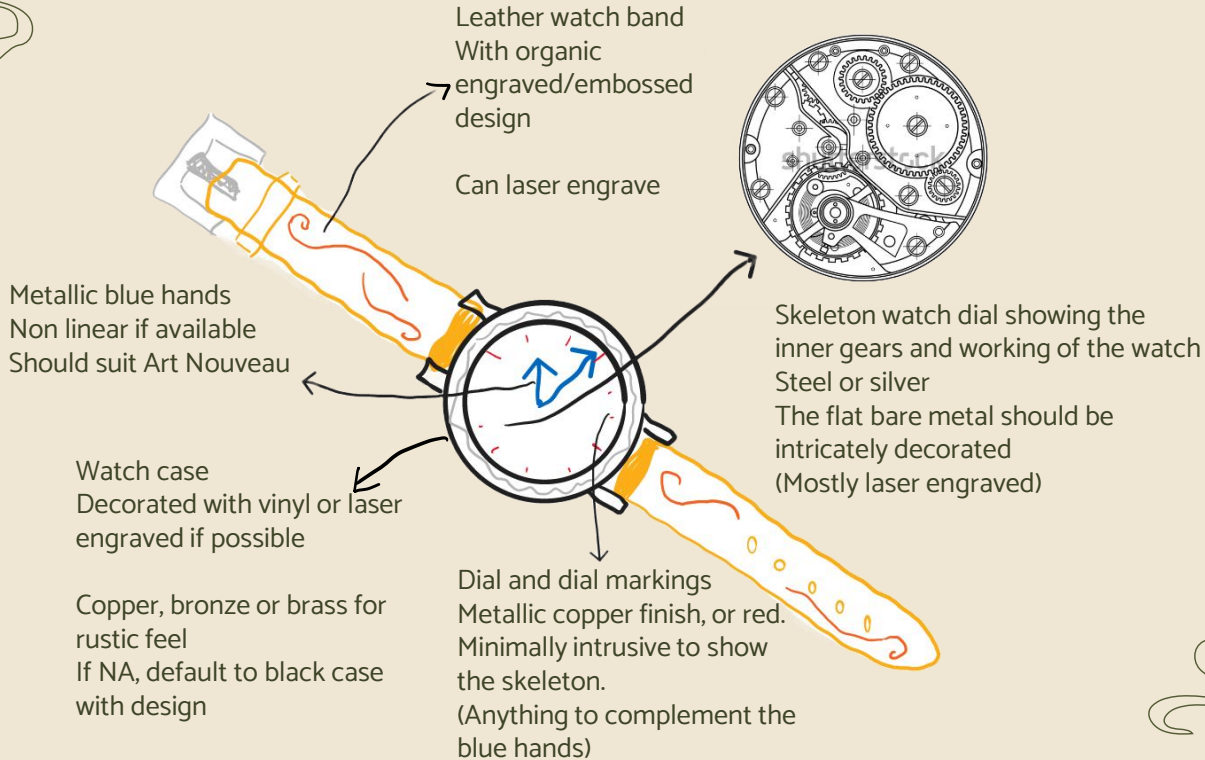
# Vision and Specifications

- ❖ Build a mechanical skeleton wrist watch
- ❖ Open glass front and back to look at the movement
- ❖ Art Nouveau aesthetic
  - ❖ Decorated movement, dial, watch case and band
- ❖ Clockpunk aesthetic
  - ❖ Open mechanisms, gears, catchment, etc.
- ❖ Intricately designed movement and watch hands
- ❖ Selected watch movement:
  - ❖ Seagull ST3600K skeleton movement
    - ❖ Steel or silver color
- ❖ Compatible watch case, hands, and band
  - ❖ Copper, brass, or bronze watch case for rustic feel
  - ❖ Leather watch band with embossed organic design
  - ❖ Metallic blue, non-linear, designer watch hands

## Project aim

- ❖ To create a unique, hand built timepiece that combines the Art Nouveau aesthetic with clockpunk details.
- ❖ Learn watch making skill and try to implement own design vision especially in custom design components

# Illustration - Sketch



# Components



ST3600k Mechanical Watch Movement



ST3600k Panerai style Watch Case PVD Brass  
(Engraved and Aged)



ST3600k  
Blue designer hands



Panerai 24mm leather  
embossed watch band



Metallic copper  
texture vinyl  
For Dial

Laser cut or Decal cut

# TIMELINE

## Progress Till Date:

- ❖ Completed research
- ❖ Found suitable watch movement and its compatible parts that suit the design vision
- ❖ Finalized design
- ❖ Ordered parts and toolkits

April  
9th

Receive all ordered parts and toolkits.  
Procure material for dial

April  
14th

Finalize dial design and manufacture it.  
Check part compatibility.

April  
20th

Assemble the watch

April  
26th

Buffer time for tweaks and modifications.

# Fabrication

- ❖ Checking the compatibility of all the watch parts
- ❖ Finalizing the design of the custom dial
  - ❖ Manufacturing Dial
  - ❖ Laser cut or Decal cut vinyl
- ❖ Assembling the watch.
  - ❖ Using special toolkit
- ❖ Watch has delicate parts and should be handled carefully
- ❖ Follow extreme cleanliness,
- ❖ The finished should watch remains functional and pristine.
- ❖ Monitor budget to not overshoot it



- Budget:**
- ❖ Initial Budget: \$130 Components and tools, \$20 buffer
  - ❖ Current: \$150 Components and tools, \$30 buffer





## Citations and Inspirations

A lot of online tutorial videos and blogs were reviewed, related to design, scope, understanding, building, assembly, watchmaking techniques, extensive list presented in the report.

## Challenges and Risks

- ❖ Learn about internals of mechanical watches and their specifications.
- ❖ Learn how to build this type of watch
- ❖ Build skill to handle and install tiny, intricate parts.
- ❖ Learn to use watch making tools



A decorative border made of green scrollwork and floral patterns, framing the central text.

# Thank you!

Questions?

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