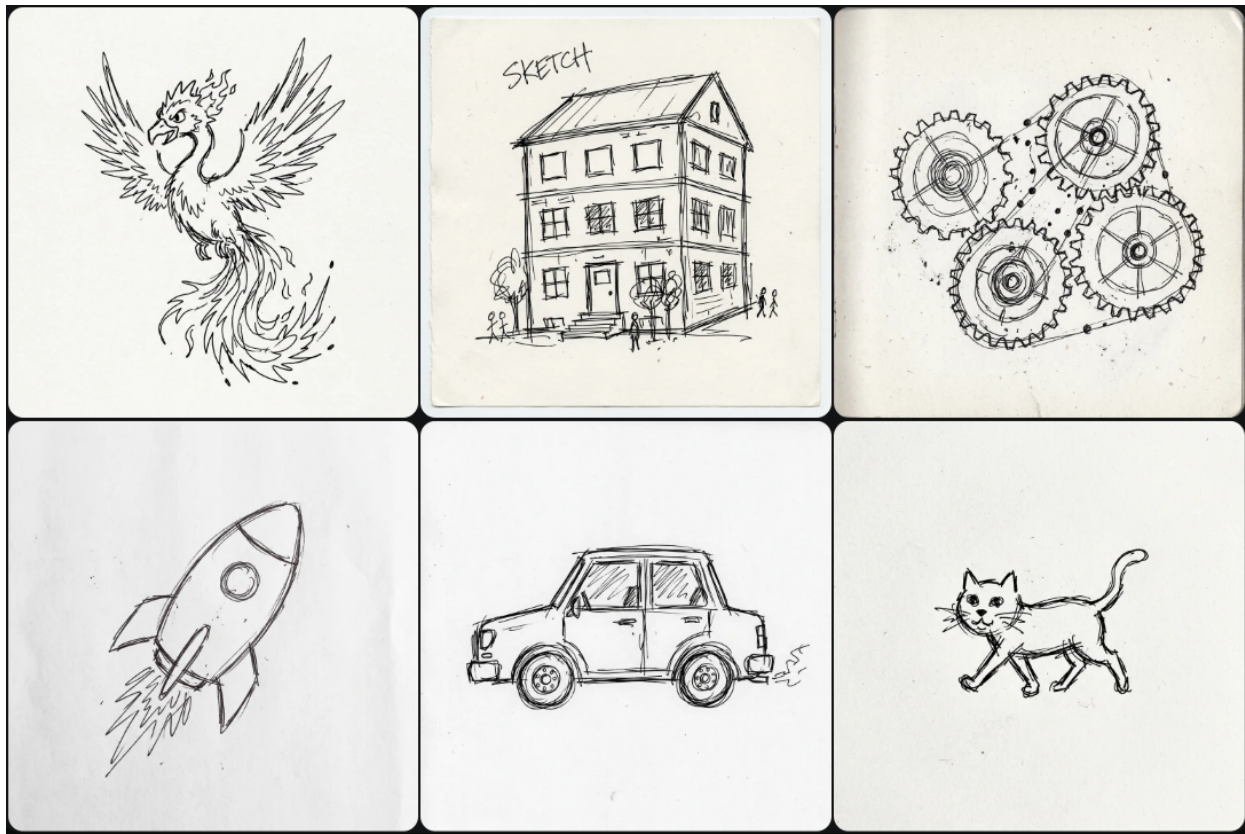


Act 1: 1-2 Day Community Workshop



Sample sketches participants may submit. Images generated by Nano Banana 2.

Data Collection

Each participant submits the following:

1. Concept sketch, drawn on paper.



2. Verbal OR typed 2-3 sentence description of the drawing. Participants can either submit a voice recording, or just type in a description. Voice recordings are automatically converted into text with Speech Recognition, and Text submissions are automatically converted into audio files with Speech to Text.

Sample transcription: *"Flaming phoenix rising from the ashes"*

Act 2: Bringing the drawings to life.

AI Regeneration

The provided images are then individually parsed through AI image regeneration API to bring the drawing to life in a variety of styles:



Plain, cartoon, drawn



String, abstract multicolor mathematical line art



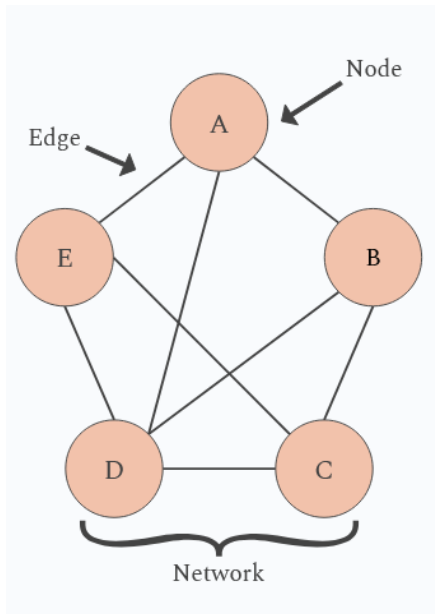
Lowpoly Blue Hologram Style



The result can even be animated (depending on the AI API Provider used:)

Projected Grid Layout.

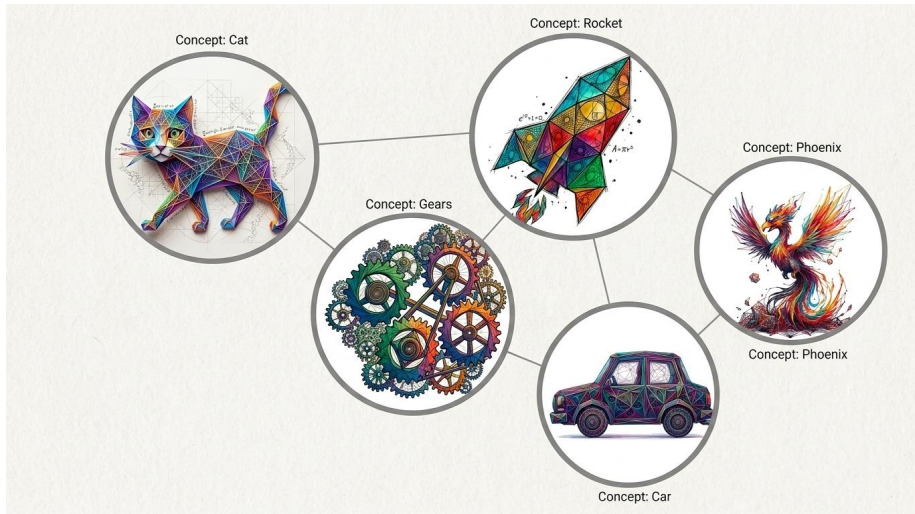
Once the images have all been individually generated, they are then laid out in a real-time live moving grid graph of connected images as nodes:



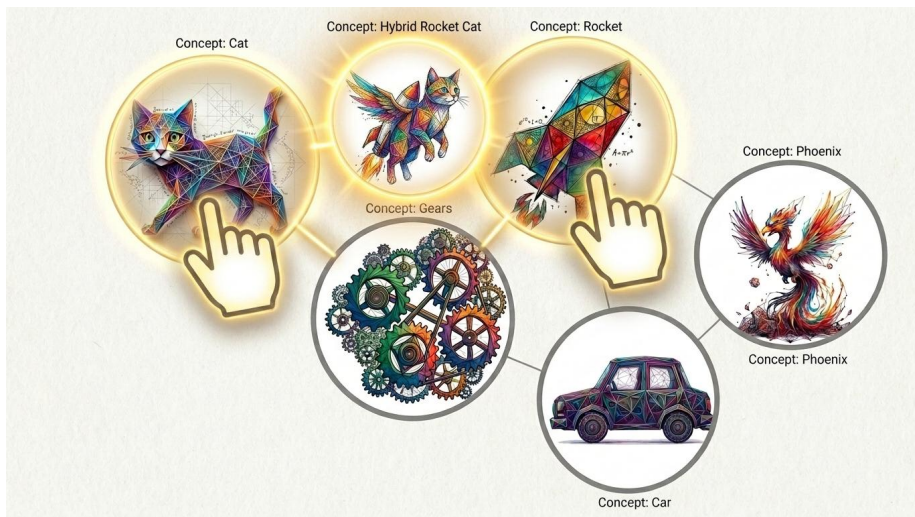
Textbook representation of node graph, common in CS curricula.



Simple data visualization of colored circles in a connected graph-node network.



AI generated images are laid out in a connected graph of moving nodes.



AI generated images are combined either automatically via a time-based algorithm and/or by user input to generate new combined, hybridized images with traits of both parent images.



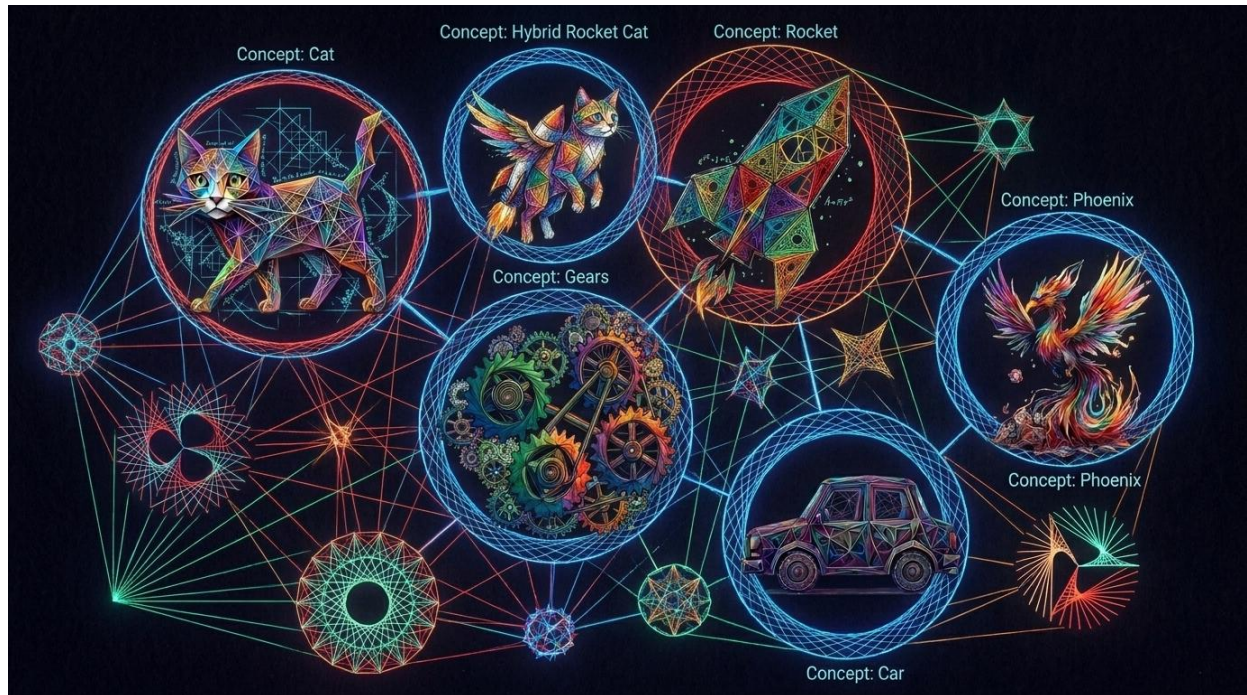
Participants may choose via interactive body and touchscreen wall tracking to interact with this live exhibit.

Theming the Final Art Exhibit

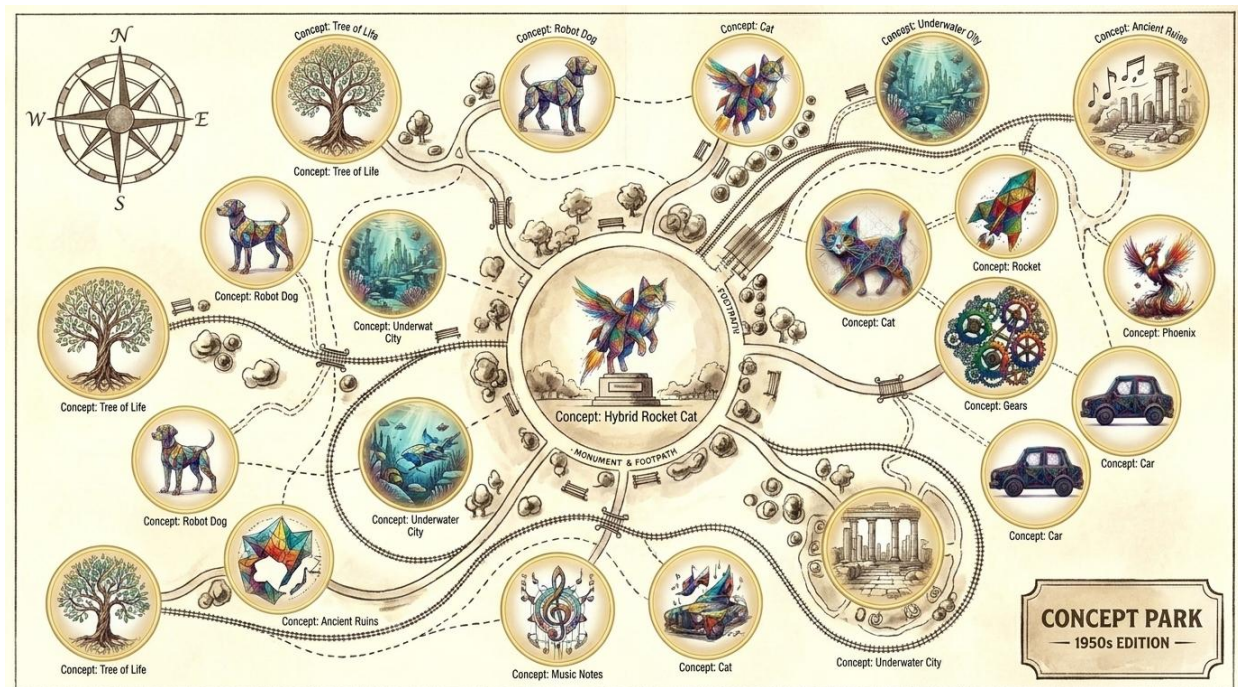
Various styles can be applied to this idea to produce a result that looks something like a “constellation” of networked, connected ideas in bubbles, with varying degrees of abstraction:



Scientific diagram constellation style



Abstract mathematical fractal line art map style



1950s Park Map style

