



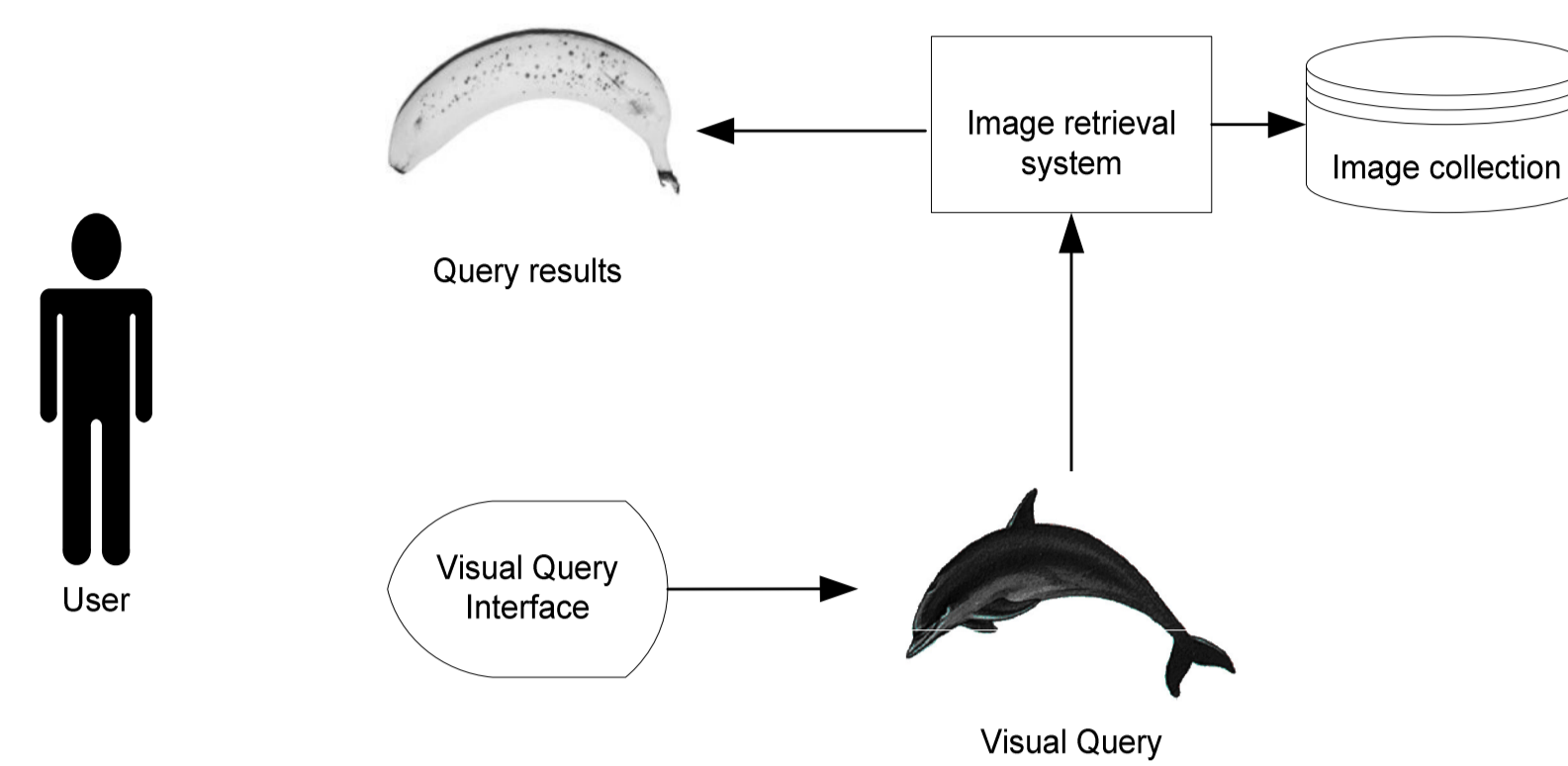
# A Framework for Evaluating Visual Query Modality

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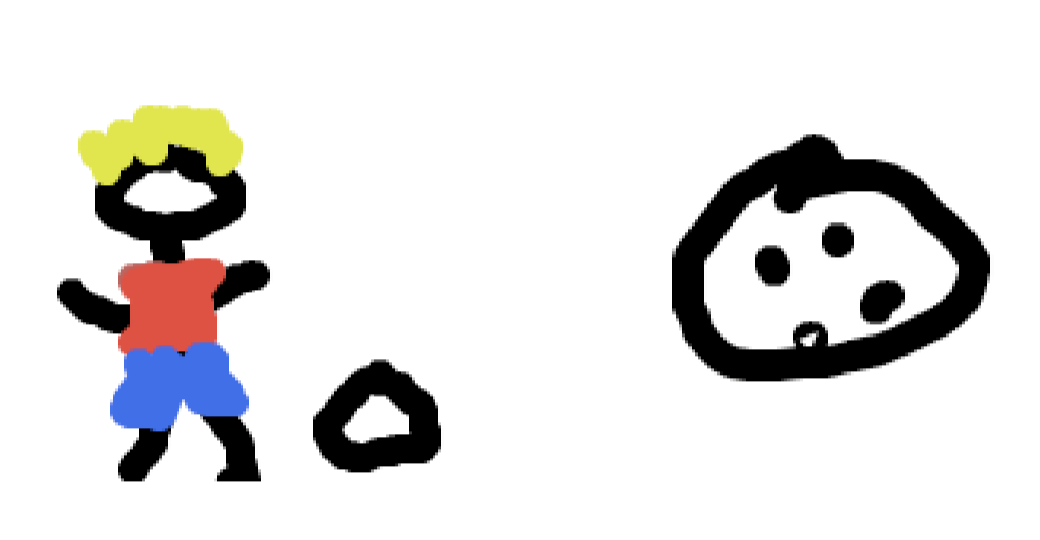
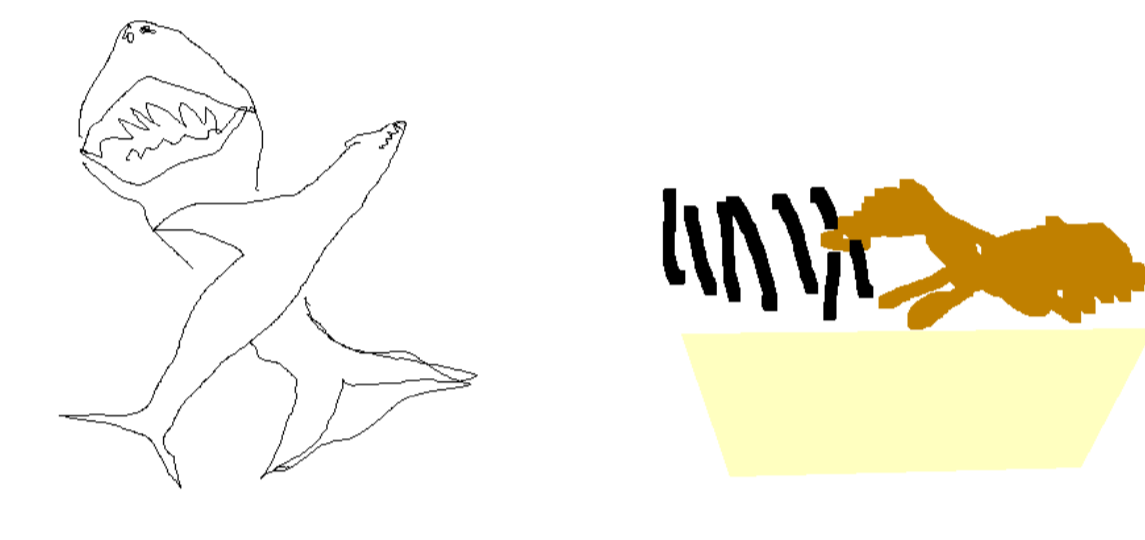
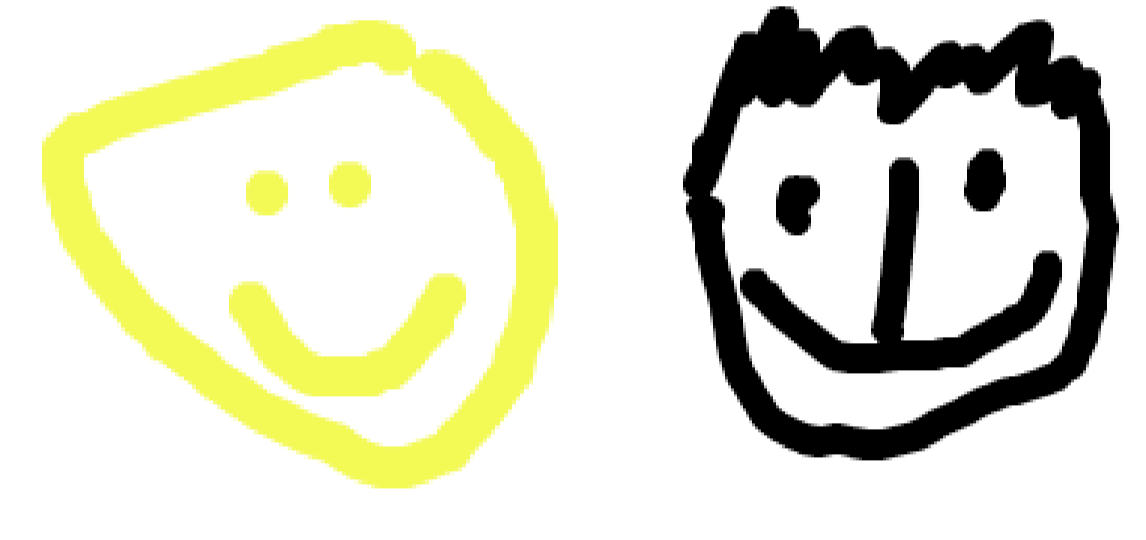
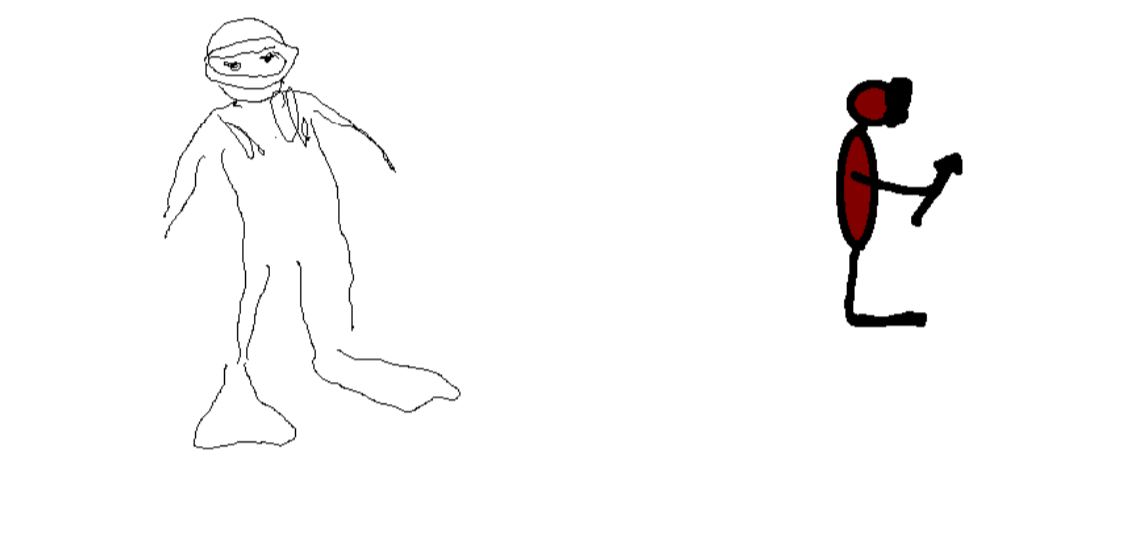

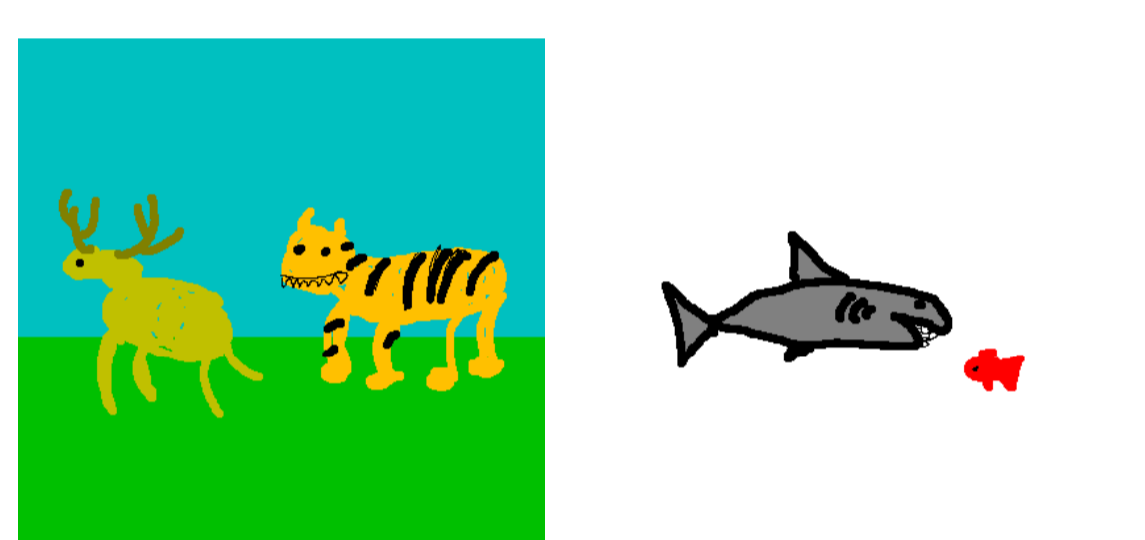

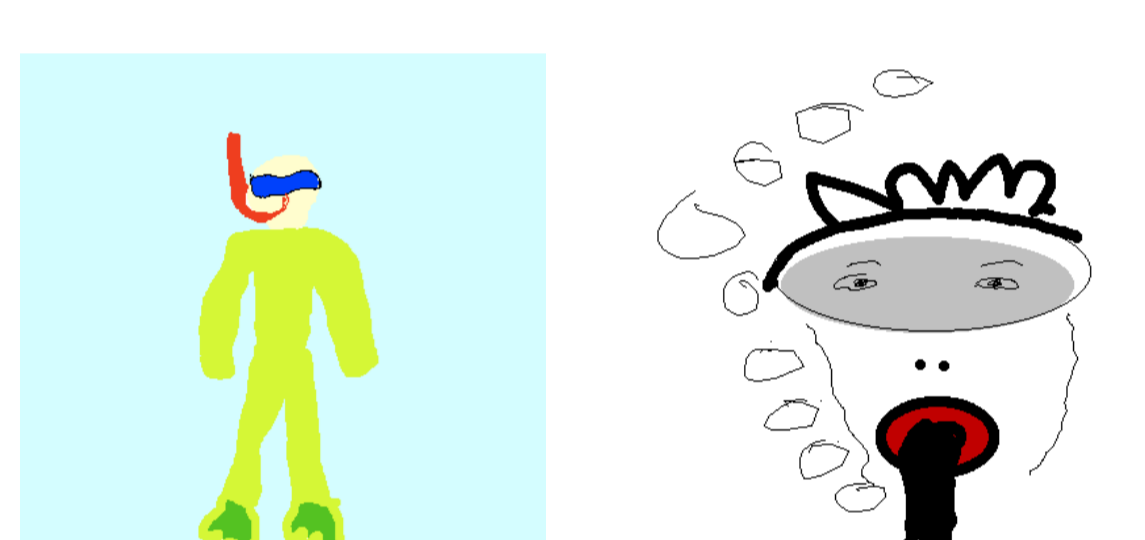
## Visual Query Modality

A visual image query is an query based on similarities between a user drawn image and images in an image collection

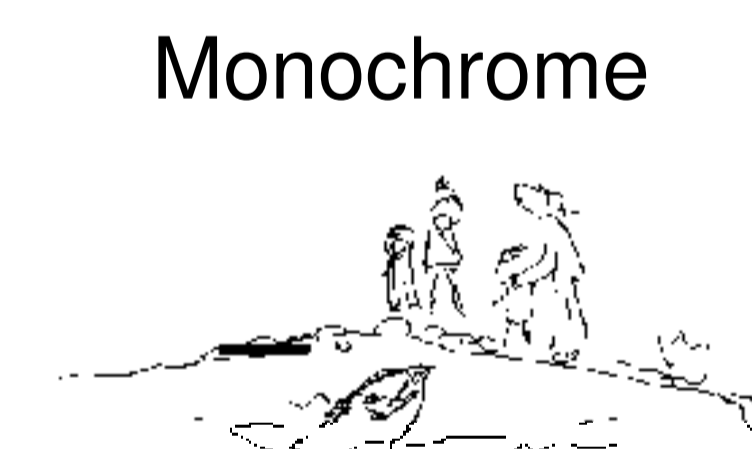
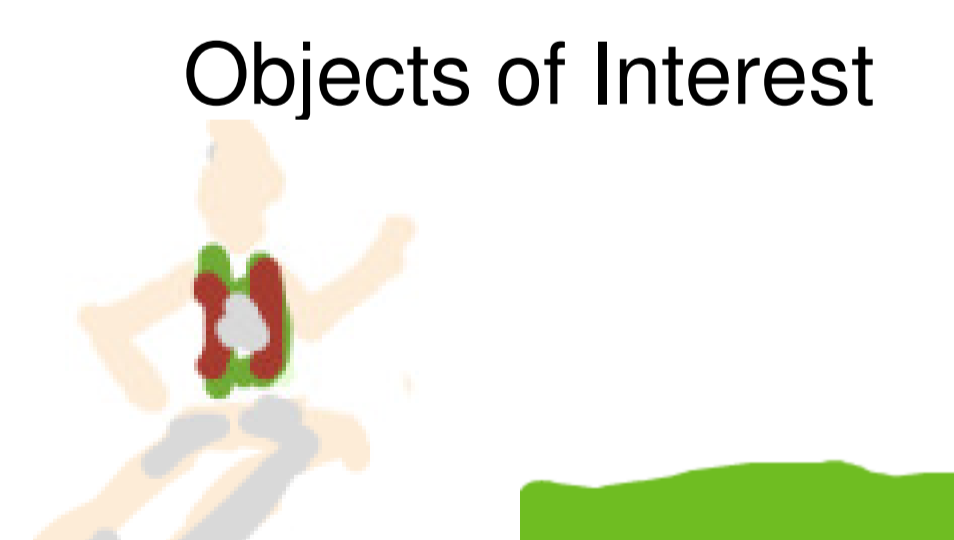
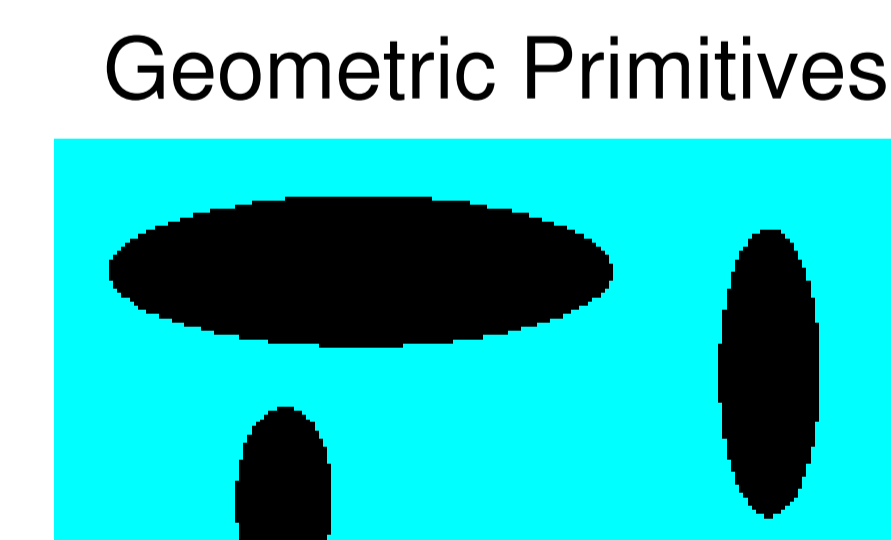
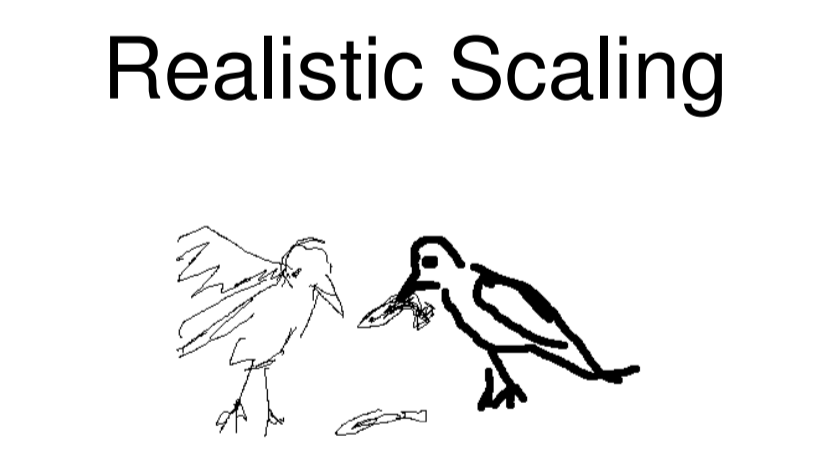

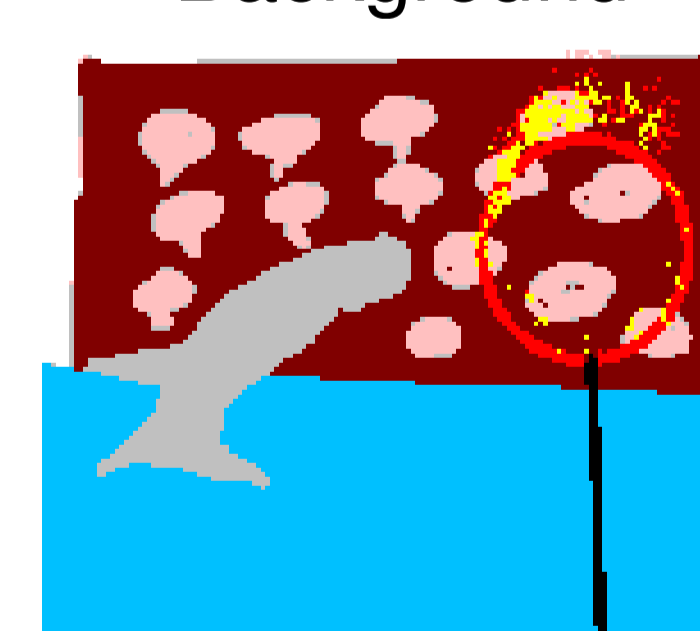

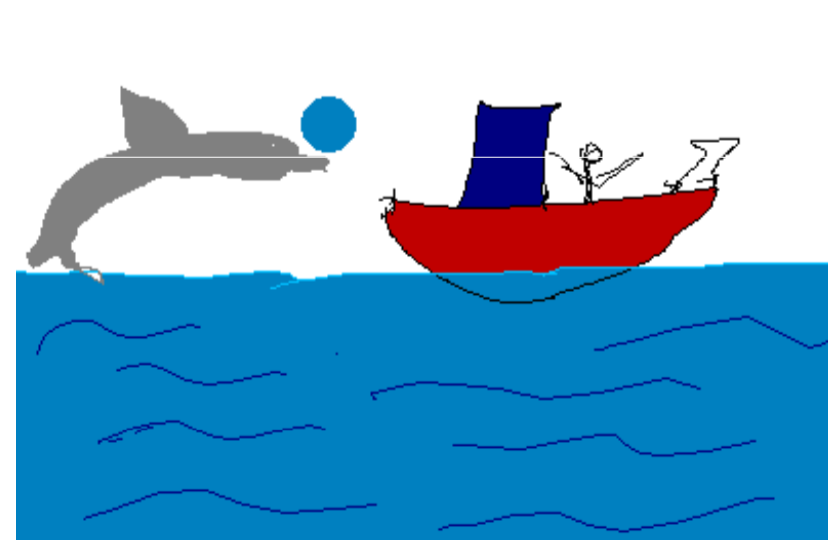
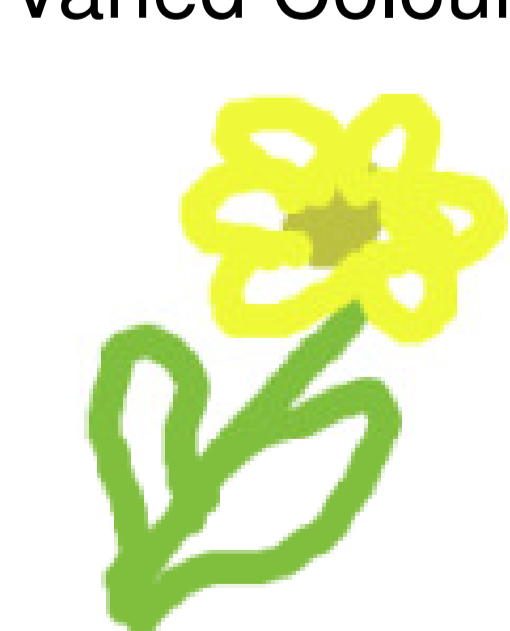
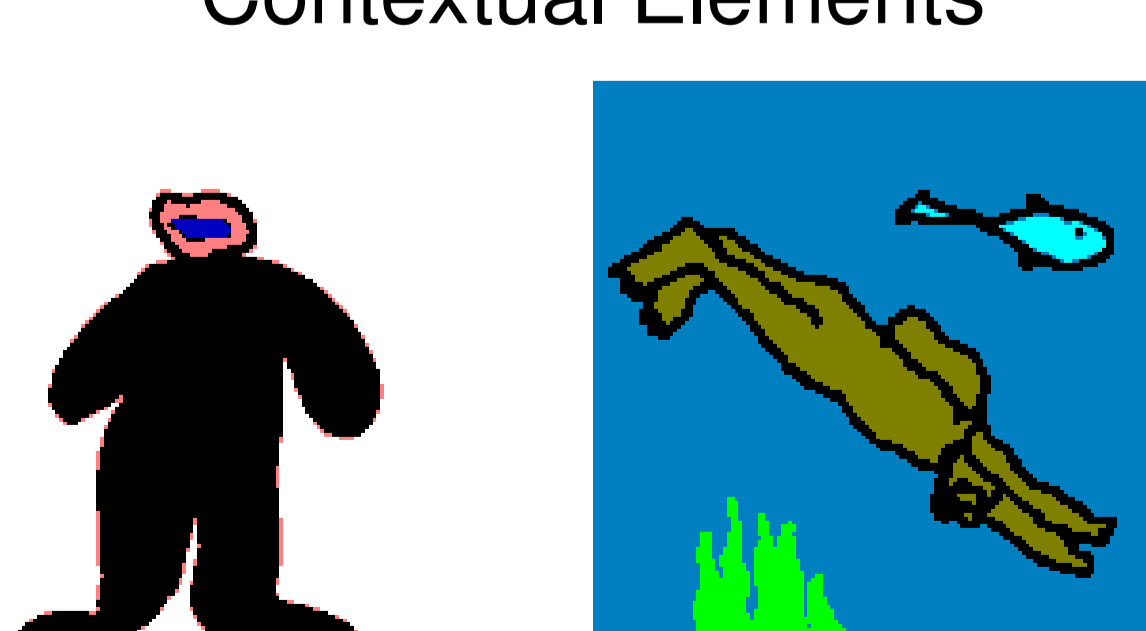
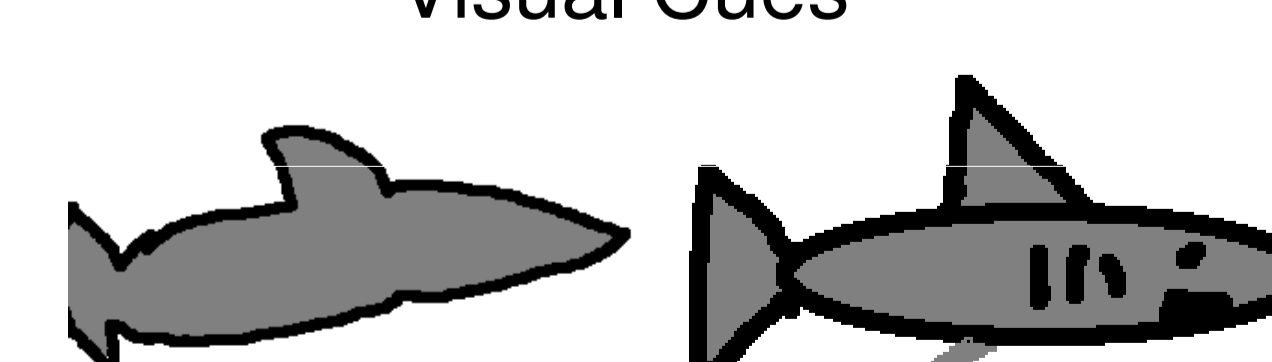

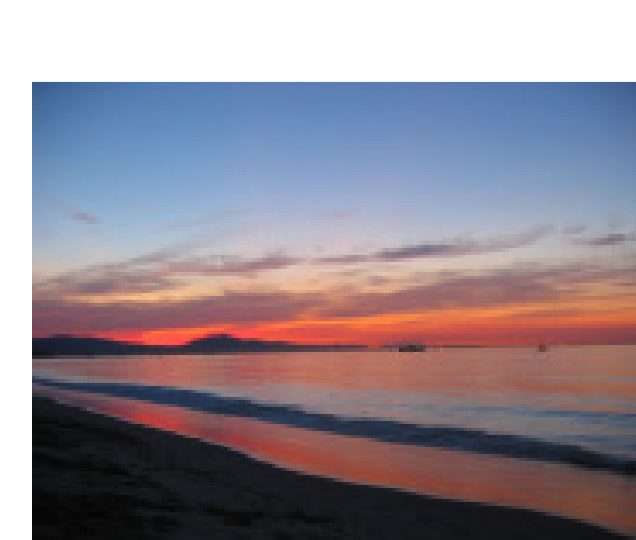
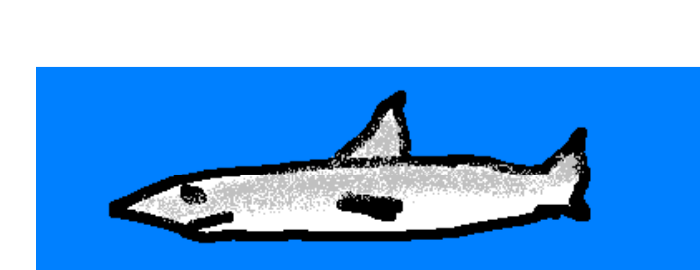


Is a visual query a good representation of the images it is supposed to retrieve?

## Sample Visual Queries

			
			
<b>Find images of people practicing sports</b>	<b>Find images of a predator attacking another animal</b>	<b>Find Images of a happy girl</b>	<b>Find Images of a Scuba diver</b>

## Modality Markers as Indicators of Visual Query Expression Techniques

<b>Colour</b>	<b>Contextualization</b>	<b>Representation</b>	<b>Composition</b>
Monochrome 	Objects of Interest 	Geometric Primitives 	Realistic Scaling 
Single Colours 	Background 	Outlines 	Value Scaling 
Varied Colours 	Contextual Elements 	Visual Cues 	Overlap 
Colour Gradients 		Texture 	Central Perspective 