Detailed version of the Taxonomy

composition				
	1st person		The scene point of view is through the eyes of the user.	
	3rd person		The scene point of view is in front of or on the side side of the user.	
point of view	overshoulder 3/4		The scene point of view is from the back of the user, typically over the user's shoulder.	
	ton		The point of view of the scene is from the top.	
	top		•	
	UI only		The illustration is only composed of the UI, there is no 3D scene. The point	
			of view is always TOP, rendering the UI in the camera plane. We can admit	
			representations of fingers and hands.	
	number of frames	one frame	The figure is structured with only one frame.	
		multi frames	The figure is structured with multiple frames.	
	sub-framing	inset (PiP)	A frame is included in another frame's space with a different point of view.	
layout		magnification lens	A frame (whatever its nature) is included in another frame's space. This	
			inclusion does not belong to the scene, and does represent something in the	
			scene. It has been made to help the reader understand the figure.	
		UI embedded	The UI is embedded in the 3D scene, possibly using perspective.	
		UI overlay	The UI has been added on top of the scene (mostly used to illustrate the user	
			view from a AR system).	
		juxtaposition	The frame is composed of multiple juxtaposed sub-frames. (verti-	
			cally/horizontally)	

Table 1: Hierarchy of codes for the composition category.

	visual characteristics					
	drawing	realism	simplistic	Very simplistic drawings are used.		
	drawing		realistic	Drawings are close to the reality.		
	UI	drawing		The UI has been drawn (by hand or not).		
typo	01	rendering		The UI has been generated or captured.		
type	photo			The element is a photography.		
	data visualization			The element represents data through a diagram, a graph, a chart		
	clipart/icon			The figure contains some cliparts or icons.		
	text			The figure contains some text to describe some elements.		
transpa		ransparency		Is transparency used?		
color		colors		The figure uses multiple colors.		
COIOI	hue	grayscale		The figure uses grayscale		
		monochrome		The figure is only based on 2 colors: a light and dark color (mostly black and white).		
line style	dashed			Dashed lines are used.		
me style	width			Lines with different width are used.		

Table 2: Hierarchy of codes for the ${\it visual\ characteristics}$ category.

			Visual techniqu	
	region	color area		Emphasize a region of the figure by applying a specific
				colour in the pointed area.
		arrows		Arrows are used to focus on an element, mostly by pointing
emphasize	element			to an object.
	element	color highlight		A specific colour is used to highlight a specific object.
		enclosing	exact contour line	The exact contours of a specific object are highlighted using a specific line style.
			circle/rectangle	A circle/rectangle shape has been drawn around the focused object.
	background	grayed out/blurred		A blur effect or a specific colour with transparency is applied on the background.
		removed		The highlighted objects are detoured and the background is removed.
amanamainat!	blur			Parts of the figure are blurred to not be recognized.
anonymization	filling			Parts of the figure are filled with colour to not be recognized.
	color grouping			Linking/Grouping of elements is made using colours.
grouping and linking	identifiers grouping			Linking/Grouping of elements is made using identifiers (numbers or letters). Line can be used between the identifier and the element.
	grouping lines			Lines or Arrows used to link/group multiple elements inside the figure or extra information outside the figure.
	text annotation			Text attached to an element of a figure (e.g. label, definition) using lines or arrows.
	effects	stroboscopic		A stroboscopic effect is used to show the different steps of the motion.
,		waves		Waves are used to show that an element is hitting another element.
dynamic		motion blur		A directional blur effect is used to illustrate motion. The position of the blur can also indicate the path/direction of the movement.
	trajectories		s	Shows the motion path of an element in the figure from the
	1. 1			beginning to the end.
	lines and arrows	direction		Shows the direction of the motion.
		transfer		Shows transition between two states of a model/system.
		projection		Shows the corresponding projection of an object.
	Contact shapes			Geometric shapes, such as circles, used to represent the
				region of contact between two elements.
structure	identifiers	numbers		Numbers are used (often in a corner) to order the sequence of frames or the different parts of a figure.
		letters		Letters are used (often in a corner) to order the sequence
		4:410		of frames or the different parts of a figure. A different title is used to annotate the sub frames.
	title			
measure	Arrows			Arrows are used to indicate angles, physical dimensions. Text is used to directly show physical dimensions.
	Text indicator			Text is used to directly snow physical dimensions.

Table 3: Hierarchy of codes for the $\it Visual\ techniques$ category.

		interactive Scenario			
	design space	The figure illustrates a set of functionalities, possibilities, commands or use cases available in a system.			
purpose	interaction sequence	The figure illustrates an interaction sequence (or storyboard), i.e. a sequence of actions that must be			
		accomplished in a specific order to launch a system command.			
	interactive system	The figure illustrates an interactive system but is focused on the setup of this system and its sensing			
		capabilities rather than on the interaction between the user and the system.			
time	moving	Time is evolving across the figure, i.e. we can see a transition, progression, within the user's action			
ume		and/or the system's responses.			
	still	We are observing the user and/or the system at a specific moment in time, without any information			
		on the next/previous user's actions or system's responses.			
	production	Digital content production: programming, text entry.			
	entertainment	Video, music, video games			
	medical	Medical activity.			
activity	driving	Driving.			
activity	2D/3D creation	2D drawing, 3D modelling			
	fabrication	Physical fabrication.			
	communication	Communication or exchange between users.			
	data manipulation	Maps, charts, numbers			

Table 4: Hierarchy of codes for the $interactive\ Scenario\ category.$

	Users			
number	Solo-user		Only one user is interacting with the system.	
number	Multi-users		Multiple users are interacting with the system.	
body part	Specific part	hand	A focus is especially made on user's hands. Nothing else if visible.	
		fingers	A focus is especially made on user's fingers. Nothing else is visible.	
		head	A focus is especially made on the user's head. Nothing else is visible.	
		foot	A focus is especially made on the user's feet. Nothing else is visible.	
	lower body		Most of the lower body (legs and feet) is visible.	
, [upper body		Most of the upper body (torso and arms) is visible	
	full body		Most of the body is visible.	

Table 5: Hierarchy of codes for the Users category.

			eractive system
		Pointing	User is pointing at a target.
	discrete	Key press	User is pressing a button.
		Symbolic gesture	User is performing a symbolic gesture.
		translating	User is translating an object.
action		rotating	User is rotating an object.
	aontinuous	scaling	User is scaling an object.
	continuous	scrolling	User is scrolling a view.
		deforming	User is deforming [a part of] an object/the system.
		writing/drawing	User is writing or drawing.
	touch interactio	0, 0	Interaction relying on a touch sensitive surface.
	mid-air interact	ion	Interaction is performed in mid-air. The system may involve controllers,
			tracking.
	distal interactio	n	Directly interacting with objects from a distance (through intermediate
Interaction type	distal lilestactic		devices or not).
interaction type	on body interac	tion	The interactive system is on the Human body.
	computer interac		Classic computer interaction (using keyboard/touchpad/mouse).
	tangible interac		Interaction with the system is made though tangible objects.
	controllers inter	action	Interaction with the system is made with controllers (joysticks, tv re-
			motes).
	pen interaction		Interaction with the system is made with a pen.
	gaze interaction		Interaction with the system is made with the eyes.
	tracking based	outside in	User is tracked by the system with external sensors.
	cracining sasca	inside out	User is tracked by the system with sensors on/inside him.
		mobile devices	The user is interacting with the system by using a mobile device: smart-
			phones, tablets, smartwatches, etc.
		large surfaces	The user is interacting with the system though large screens: screen on
input channel	Jania basad		a wall, touch table, tv, etc.
	device based	desktop devices	The user is interacting with the system through desktop input devices:
			mouse, keyboad, touchpad on a desk, etc.
		laptop devices	The user is interacting with the system through laptop input devices:
		1	integrated keyboad, integrated touchpad, etc.
		controllers	The user is interacting with the system using a controller (tv remote,
			game controller, joystick)
		tangible objects	The user is interacting with tangible objects
		AR	The user is interacting in an AR context
		VR	The user is interacting in a VR context
	gound bagad	speech input	The user is interacting with the system by speaking through a micro-
	sound based	speech input	
	1 4.		phone.
	haptic	1 1 1	There is an haptic response from the system.
		large displays	Visual feedback through large displays (tv, wall screen, touch table)
		computer displays	Visual feedback through computer screens (laptop, desktop, car embed-
	visual		ded display)
output modality		mobile displays	Visual feedback through mobile displays (smartphones, tablets, smart-
			watches)
		projected displays	Visual feedback through a projected image on a surface.
		head mounted displays	AR, VR displays.
		lights	Lamps, leds, any bulbs.
	1:1 1	sound based	The system emits specific sounds.
	audible	speech output	The system speaks to the user in his language.
	Desktop		On a classic desk/table (mostly involving desktop computers, keyboard,
			mouse)
Situation	Public/private t	ransport	In a car, bus, plane, on a bike
Diction	Outdoors	παποροιτ	
			Park, streets.
	Private indoors		At the office, at work, at home
	Public indoors		Malls, stations, museums, at gym. Might involve a crowded place.

Table 6: Hierarchy of codes for the ${\it Interactive~system}$ category.