Data Sonification Canvas

1 Use Case: Who are your users, what are the goals and the context of your sonification?

2 Mapping Choices: How do you map data parameters to sound parameters?

Users Who are the users of your sonification? What rold do they have in relation to the phenomenon? Do they have a specific opinion about it? Do they have any specific competence or knowledge of the phenome- non? How much are they affected by the phenomenon?	Goals What are the specific goals you want to achieve with the sonification? Which specific needs does it address? Is it for analysis, explanation, communication, advocacy	Context will the sonification be sperienced? Is it a web application? Is it sub a security operations center or in a public venue? Is it played through bedphones or speakers? Is it a global or a local project? Does it have any specific cultural connotations?	Species are the sound spectrated with a synthesizer? Is it intended to mimic an existing source drom nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or from human activities? Is it sourced from nature or form human activities? Is it sourced from nature or form human activities? Is it sourced from nature or form human activities? Is it sourced from nature or form human activities? Is it sourced from nature or form is sourced from human activities? Is it sourced from the form fro	
Analytical Are you representing hard values from a dataset?	Do you	Narrative	Causal Mil they gather information on the phenomenon that produced the sounds? e.g. when you tap a container and the sound it makes give you information on how full it is.	Semantic Will they apply a code to the e.g. when you need to app the message contained in

4 Listening Experience: How do you imagine your users will listen to the sonification?

	Behaviour		
sound? iical	What are the rules that link changes in the dataset to changes in the sounds?		
	Multi-modality		
	Are you using only sound or is sound coulpled with other sensory modalities?		

to interpret the sounds?

apply Morse code to decipher ad in a sound

Reduced

Will they focus on the sound itself and its inner characteristics?

e.g. when we distinguish the interval between two notes or the pitch of a bridsong.

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