Design Thinking A structured approach to planning	Canvas g design-led strategy and innovation	For: NAS	SA space app		Created:	
People Who will we need to involve? Satellite operators: Startlink, Iridium, Amazon Project Kuiper, OneWeb, etc. the individual Space and communications portant state agencies: NASA, dor motival esA, IEC.	Storytelling How will we communicate over the course of the pro-					What will our future look like? Smartphone case designed for tactical, survival, and custom-use models. Smartphone case designed for tactical, survival, and custom-use models.
Companies developing hardware/software for satellite communications.	Problem What problems will we solve? Have we verified a problem worth solving? State the problem(s) we are going to solve. 'How might we' Smartphones cannot connect directly to satellites.		Solution What solutions will we develo Have we validated a solution to the probl Describe what we will be delivering. Stylish and functional mobile case with integrated LEO receiver.	em?		Mobile app to manage and friendly interface. configure the satellite connection.
Challenges	rtunity /** LEO satellites offer ry O high SNR and low stemory, making the stemory making the communications. Por see Primer' exercise.		The Verified Problem Confirmed lack of hyper-reliable communication options in critical scenarios. Return to obtem		The Validated Solutio V Prototype wit St integrated and d and receiver in a smartphone b successfully to validated.	d tenna it <i>in</i> nside
explorers. s, areas People in war zones. Sailors and individual fishermen.			Low-power Ku-bz LEO receiver for efficient, dependable connectivity.	Provides highly reliable sateflite-based communication anywhere.		improve emergency response times. Enable user/rover communications (e.g., lunar or low Moon orbit scenarios).
	Discover	Define	Develop	Deliver		
	smart protective measure subscription with onsible for each	? App interface Inspired by VPN- style simplicity. Continuous user feedback loop for improvement.				
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