CR PEOPLE AND SYSTEMS

Medicare Payment System Modernization (MPSM)

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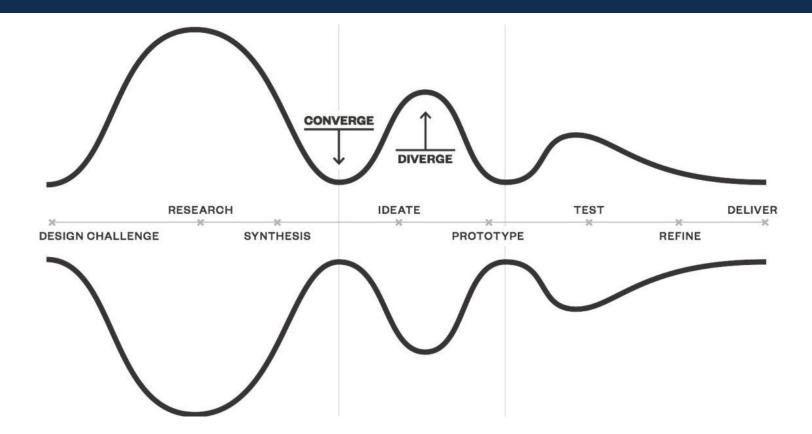
THE PROBLEM - OVERVIEW

- CMS's MPSM team is trying to modernize an outdated, complex payment system.
- They are using human centered design (HCD) and agile to ensure that the modernized payment system meets stakeholder needs.
- We were tasked with creating personas for this system.



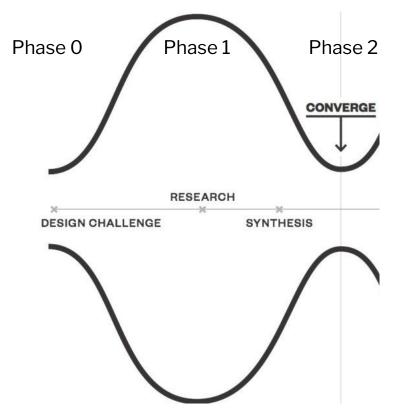


PROCESS





PROCESS



Phase 0: Initial Planning

- Project brainstorming
- Project Directions

Phase 1: Consolidate Personas

- Consolidate Personas in Confluence
- Group Personas

Phase 2: Expand on Personas

- Re-Orienting/Narrowing
- Systems Level HCD



PHASE 0: INITIAL PLANNING

What is one thing that excites you about starting this project?

Understanding and empathizing with the experiences of a diverse array of people Improving my overall communication skills through user interviews Better understanding what it's like to work in the public sector Learning about Medicare, something that will benefit me later on in life

Immersing myself in something that's completely outside my comfort zone Applying what I've learned about design in school to a real-life challenge

Helping government officials understand the people they're trying to help Using my design skills in the real world

Understanding work in the government

Work with other Human Centered Designers (CMS Contractors)

We need to better understand and categorize our stakeholders We have a diverse stakeholder community and want to understand them, put them in buckets, know their likes, dislikes, motivations

Better serving diverse stakeholders



PHASE 0: INITIAL PLANNING

What is your vision for this phase of the product?

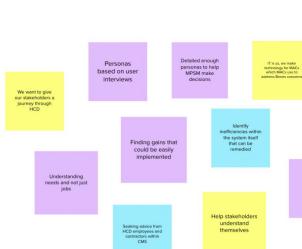
Goal for this project



New insights, not repeating work that' already been done



Help stakeholders understand value of HCD - training for them as well











We need to better understand and categorize our

one that can adapt to



VISION

In order to support MPSM's overall goal to create a new medicare payment system that more efficiently interfaces with key players, we will apply human centered design principles to create user personas, using past research, new interviews, and insight from the MPSM team, educate stakeholders about the value of HCD during this process and, **build trust** between stakeholders and MPSM through the process of HCD.



VISION

In order to support MPSM's overall goal to create a new medicare payment system that more efficiently interfaces with key players, we will apply human centered design principles to create valuable artifacts user personas, using past research, new interviews, and insight from the MPSM team, educate stakeholders about the value of HCD during this process and, build trust bety stakeholders and MPSM through the process of HCD.



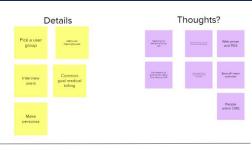
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PHASE 0: INITIAL PLANNING

Phase 2

Redo/expand on current personas



Personas of people within CMS





Phase 1

Consolidate existing personas





PHASE 1: CONSOLIDATE PERSONAS

Found all previous personas and consolidated in a single Confluence page

Many different teams within MPSM have created personas, these are compiled here.

- MPSM Personas Table
 - Interview Analysis
 - PC Pricer User Journeys
 - · PC Pricer Preliminary Personas
 - PC Pricer Personas
- Strategic Design
 - Persona PDF
 - · User Story Personas (Incomplete)
- Bene API Personas
 - Cycle 1 MSP data needs and pain points (12/11/2020)
 - . Cycle 3 MACs workflows between FISS/MCS and HIMR:
 - Cycle 4 API Design
- MAC API
- Non-MPSM Groups
 - MDP Persona Making

MPSM Personas Table

(Source: MPSM Personas Table)

Last modified May 19, 2021

Persona	Beneficiary	Provider	Clearinghouse	A/B MAC	DME MAC	Policy Team(s)
Customer/Consumer*	Customer	Customer	Customer	Customer	Customer	Customer
Description/Purpose	Medicare recipients: People over 65 and who are entitled to	Institutional Providers - hospitals, outpatient departments.	Companies who offer services to providers to bill insurance	Medicare Administrative Contractor for Medicare Parts A & B	Medicare Administrative Contractor for durable medical	Primarily teams in Medicare (CM) who legislation and dev Rules regarding paupdates each year.
	Medicare.	hospices, home	(including	Responsible for	equipment	Coverage and Anal



PHASE 1: CONSOLIDATE PERSONAS

Provider (business function) claim data	Clearinghouse	MAC Testing	DME Mac Local System Change	A/B MAC Local System Change	CMMI Model Teams	Policy Teams
Beneficiary	Provider - data for care coordination	CM Pricer Developers	Beneficiary	Provider	Coordination of Benefits Contractor	CM CR Writer
CM Policy Teams	CMMI model analysts	DDS (Division of Data Systems)	Provider	Clearinghouse	Testing Contractors	SSM - Analysts
External (to CMS) organizations	SSM - "Master" Shared Systems Developers	OIT ADOs	MAC Manual Adjudicator	MAC Medical Reviewer	Security Officer	

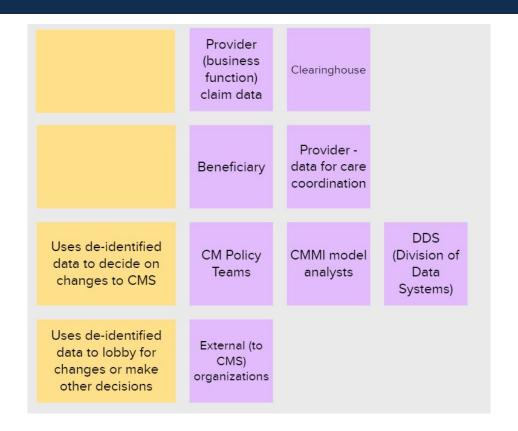


CHANGING THE SYSTEM

CM CR SSM -CMMI Model Policy Teams Deciding on changes Writer Analysts Teams SSM -Developing and "Master" CM Pricer testing changes Security Testing OIT ADOs Shared before Officer Contractors Developers Systems implementation Developers DME Mac A/B MAC Implementing and Local testing changes Local **MAC** Testing System System locally Change Change



CONSUMING DATA FOR DECISION MAKING





FACILITATING ADJUDICATION

Views claim progress to provide medical care

Responds to requests for information

Beneficiary

Provider

Correctly fills out and submits claim to MAC

Provider

Clearinghouse

Push the claim through, if eligible

MAC Manual Adjudicator MAC Medical Reviewer

Coordination of Benefits Contractor



PHASE 2: EXPAND ON PERSONAS

Changing the System











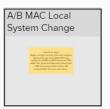








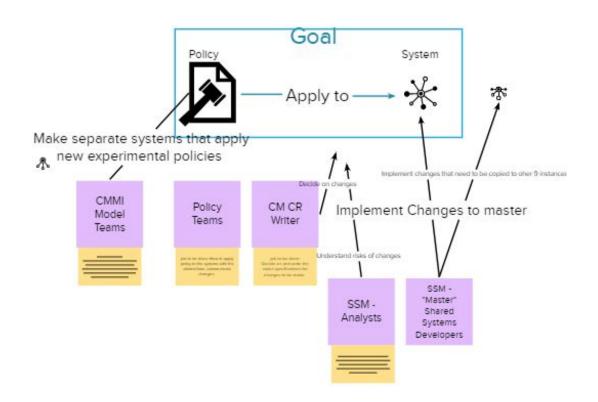






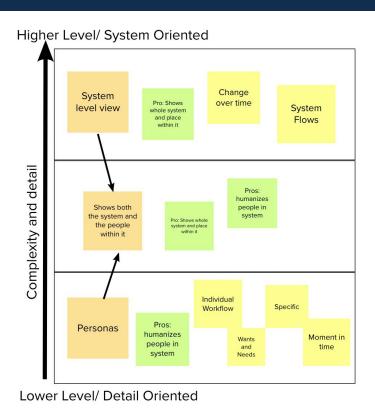


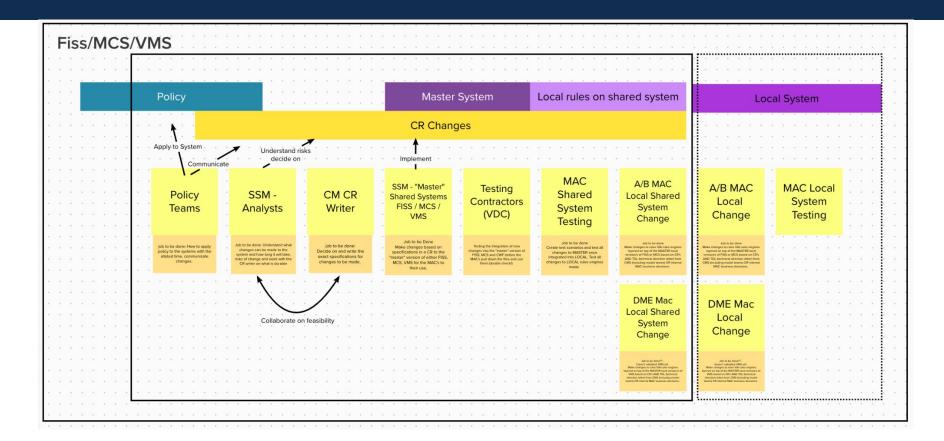
INITIAL ITERATION

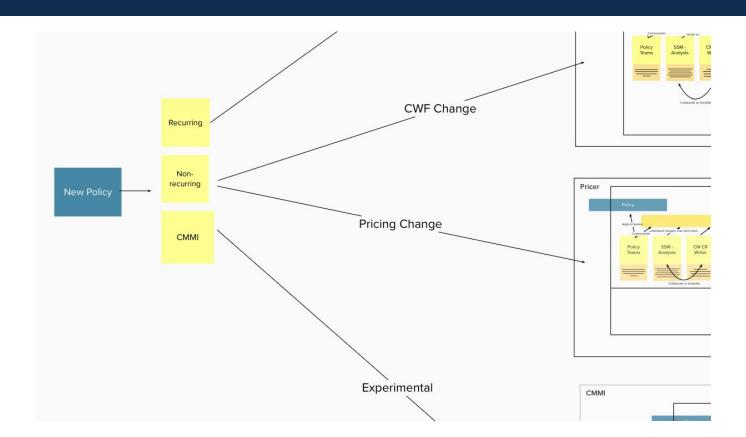


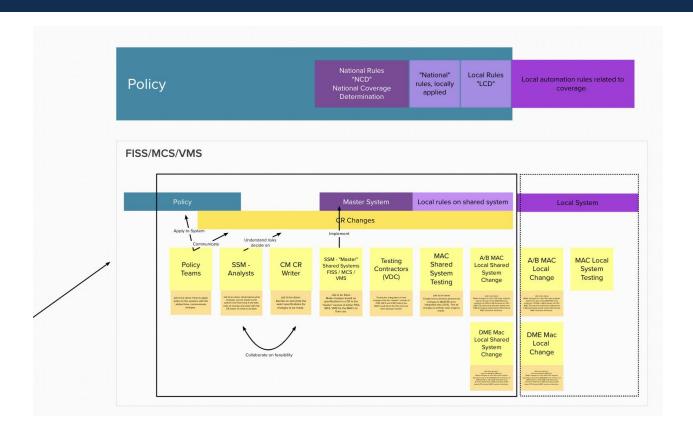


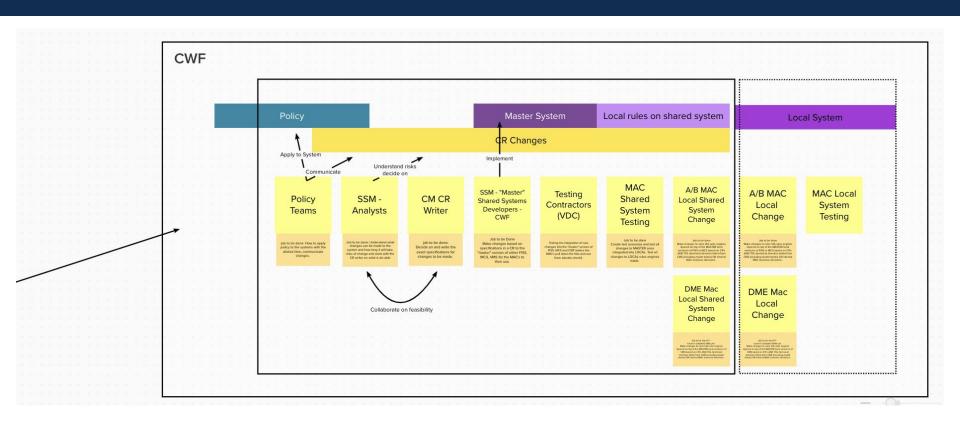
HIGHER OR LOWER LEVEL ARTIFACTS?

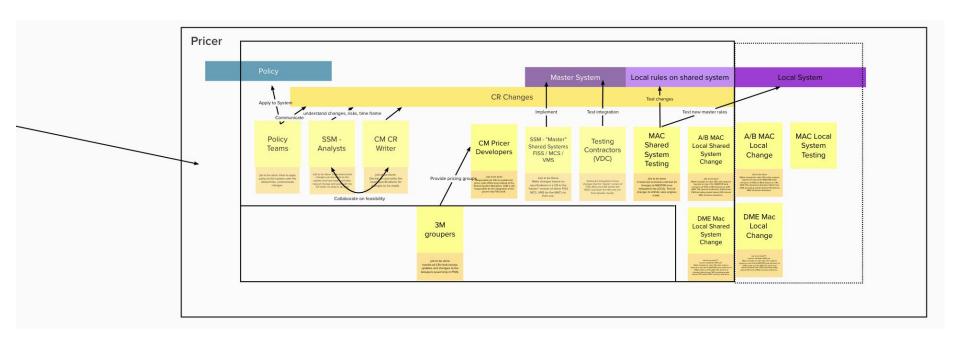


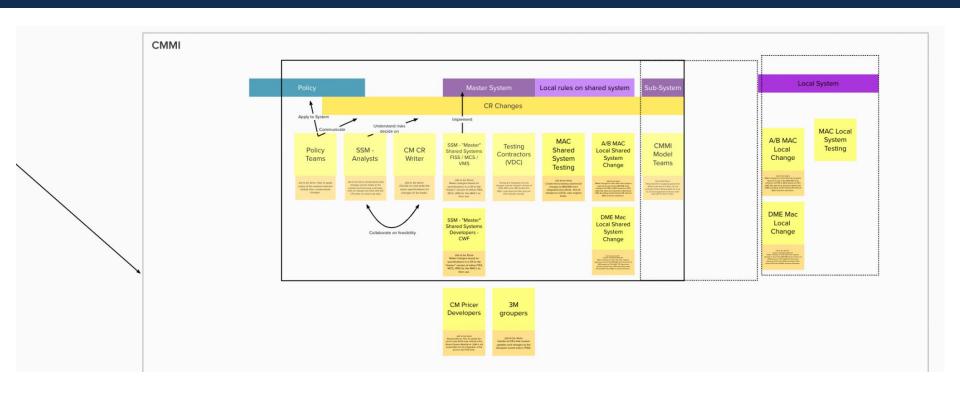












NEXT STEPS

- Getting feedback from various CMS teams
- Handoff information for:
 - Possible Coding It Forward fellows
 - CMS employees working on the CR process
 - And other HCD projects





THANK YOU!

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