**DasCODE UX Test Plan Brainstorm**

Purpose of Document

Goal of Testing

Process redesign, what do they need and why? How is the work accomplished now: what have people had to do to make the process work?

Methods

- Engineer Work flows: step-by-step workflow of Dascode system. Ensure the following:

- Input put into workflow produces expected output

- Identify key tasks per persona. Task analysis with potential output

* A detailed description of physical, perceptual, and cognitive activities involved with each task
* Task duration and variability
* Task frequency
* Task sequence
* Task allocation
* Task complexity
* Environmental conditions
* Data and information dependencies
* Tools required for the task
* User skills, education, and training

The *sequence model* shows the detailed steps performed to accomplish each task important to the work. It shows the different strategies people use, the intents or goals that their task steps are trying to accomplish, and the problems getting in their way.

The *artifact model* shows the artifacts that are created and used in doing the work. Artifacts reveal how people think about their work - the concepts they use and how they organize them to get the work done.

Storyboards: Each storyboard describes how users will accomplish a task in the new system. They show the steps the user will take and the system function that supports each step. The task may be handed off between users, and may be supported by several systems operating together; the storyboard ensures the task remains coherent across these boundaries.

- Identify user intent per task

- Identify sequence model per task (what are the steps to achieve an intent). Represent steps by which work is doen, the triggers that kick off steps, and the intents are being accomplished.

- Task order in correct order

- Define work structure

- Artifacts

- In this process, the customer walked through the steps in her mind, using any available artifacts to stimulate memory, and recalled more about the actual work than if she allowed to simply tell the story in order.

- Identify work structure of Dascode, identify patterns and distinctions in the way users organize work.

- Executive Journey Maps: High level maps showing steps, where personas meet challenges and obstacles in completing the task

Next steps: analyze, confirm, design, Consolidate, brings data from individual customer interviews together so the team can see common pattern and structure without losing individual variation. The *affinity diagram* brings together issues and insights across all customers into a wall-sized, hierarchical diagram to reveal the scope of the problem.

     detailed set of behaviors, attitudes, goals and intents that characterize a set of users in a particular environment

Process:

- Determine requirements and solutions:

- Contextual Inquiry: talk to specific customers in field

- Interpretation session: Interpret the data as a team to capture key issues

- Work Models and Affinity Diagraming: Consolidate data across customers for a full market view

- Visioning: Redesign people's work with the new technology ideas

- Define and validate concepts

- Storyboarding: work oput the details of a particular task and roles

- User Environment Design: Design system to support this new work

- Mockups: Mock up interfaces using interaction patterns for testing

- Interaction and visual design: design and test the final look and user experience

Before Break:

- Designing workflow per persona and task sequence

- Admins

- Determine personas

- Define user stories

- Prioritize user stories

- Intepretation session: interpret data as a team to capture preliminary key issues, define tasks, and sequence models

- Create mockups for prototyping session

- Create interview questions for prototyping sessions: what are our goals for the interviews, what will we ask, and how. Will we show any prototyping? How will it be shown?

- Find persona contacts: contact resources that will be available for testing

- Setup interview slots and sessions

- Preform sessions

- Meet afterwards to discuss. Does anything need to be adjusted/change. Make said changes.

- Consolidate and analyze data: Identify and confirm tasks intent, sequence, key patterns, and obstacles during sequence

- Edit storyboards and workflows

- Do same thing for engineers