

Future Roadmap of Diabetes management

Design research and strategy

Company Future Factory, Mumbai

Duration 3 months (Oct'24 - Dec'24)

My Role Design researcher and Strategist

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Background

Future Factory is a Mumbai-based design and innovation consultancy renowned for its user-centric approach to solving complex problems. The firm works at the intersection of strategy, design, and engineering, delivering innovative solutions across industries such as healthcare, technology, consumer goods, and manufacturing. This project was undertaken as part of my fellowship with the organization.

Problem Statement

India has worlds second highest number of diabetic cases and number is only increasing with the widespread unawareness, sedentary lifestyle and carb heavy diet

Goal

The purpose of this project was to identify gaps in the journey of a person from pre-diabetic to diabetic, and come up with design directions and strategies

Design Brief

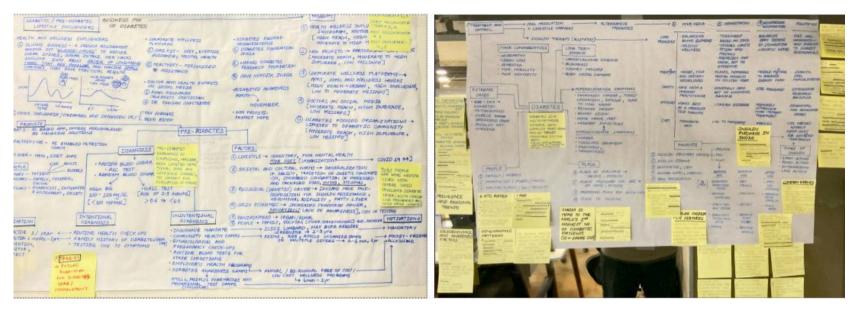
How might we come up strategies and design directions to create a Future road map for Diabetes management to prevent, delay or help manage the transition and long term management better?

Project Timeline and Process (13 weeks)

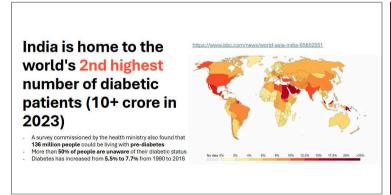
Oct 2024 Dec 2024

22/30

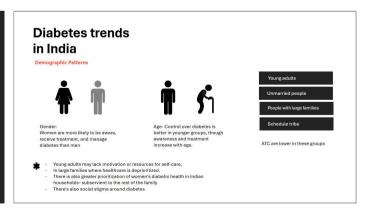
Secondary research



Brainstorming

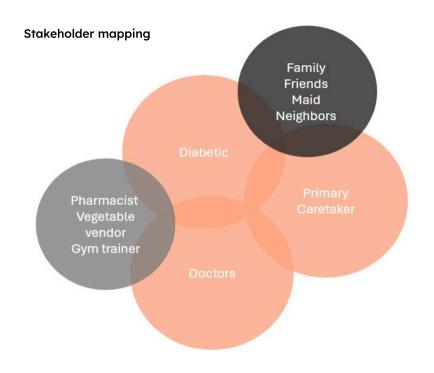






Gathered stats and diabetes trends in India- Regional, demographic, socio-economic groups, awareness, treatment and control data

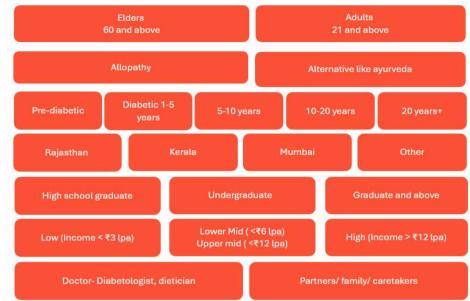
Primary research



Recruitment Criteria

Age
Treatment
Experience
Place
Education
Socio economic status

Influences



Sample questions

Pre-diabetes

- 1. What does a day in your life look like?
- 2. When did you first learn about diabetes?
- 3. How long has it been since you first discovered you had high sugar? And how, what were you getting tested for?
- 4. What factors do you believe contributed to increased sugar levels?
- 5. Did your healthcare provider mention that you were pre-diabetic? What was the diagnosis experience like?
- 6. Have you observed any changes in yourself physically or emotionally, before and after diagnosis?
- 7. Since you have been diagnosed, have you tried taking any precautionary measures/ lifestyle and dietary changes? (lifestyle changes, tools/products used)
- 8. How did you get introduced to these measures?
- 9. Have you been consistent with those measures?
- 10. Have you observed any difference?
- 11. Did you get tested again? How often?

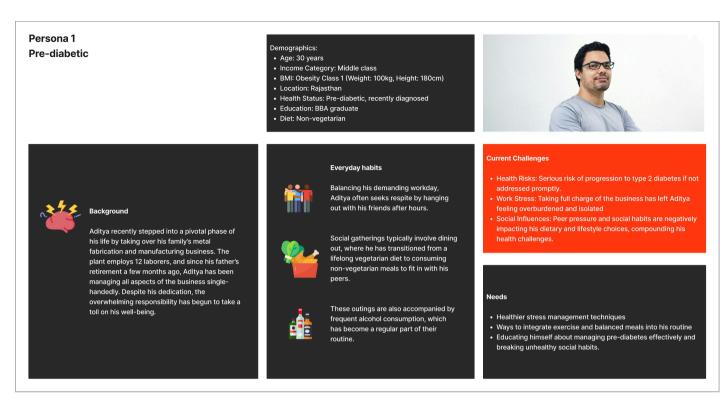
Interview method
On call in-depth interview

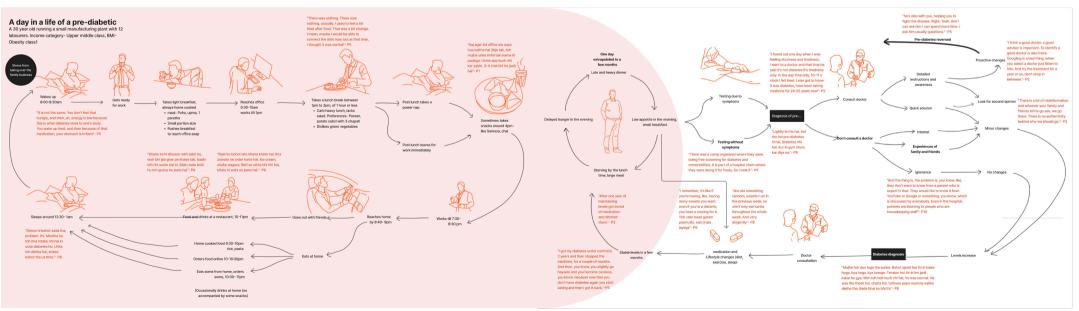
Duration 30-45 mins

Sample- 10 (5 diabetics, 4 primary caretakers, 1 doctor)

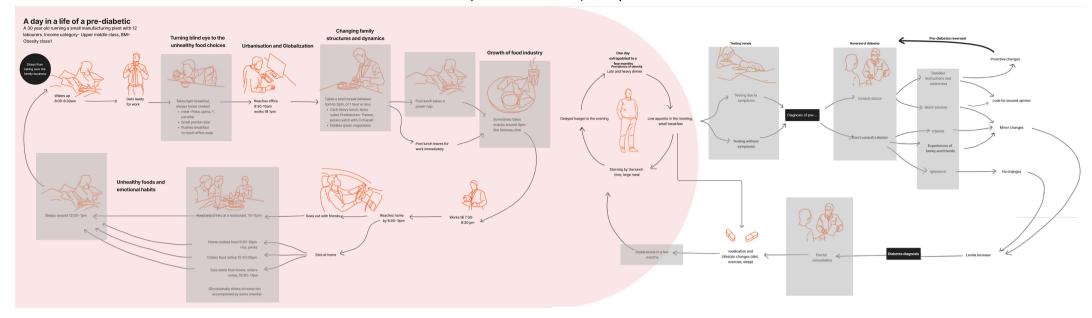
Research analysis

Persona 1, day in a life of a Pre-diabetic adult from the Northern part of India

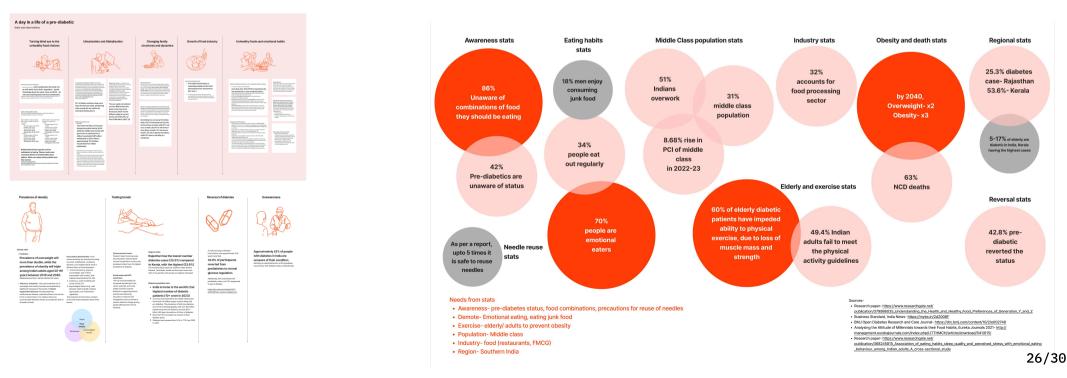




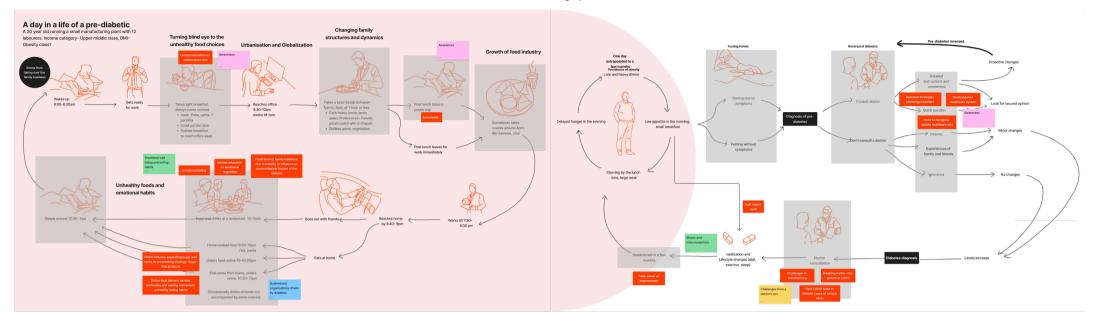
Gaps identified in the journey



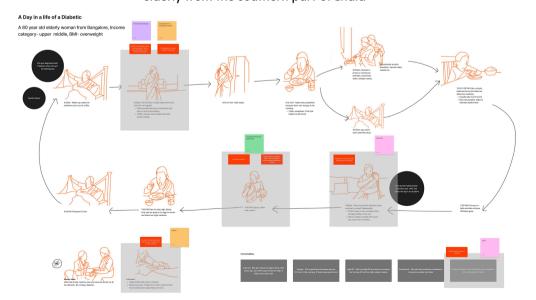
Connecting data from secondary research the the gaps identified to understand the relevance



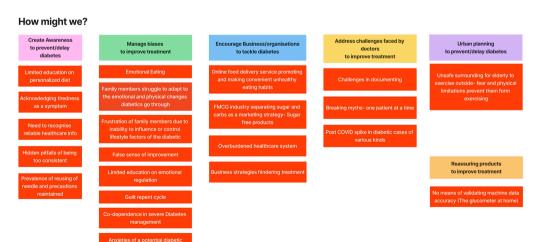
Thematic analysis from the identified gaps



Persona 2, day in a life of a diabetic elderly from the southern part of India

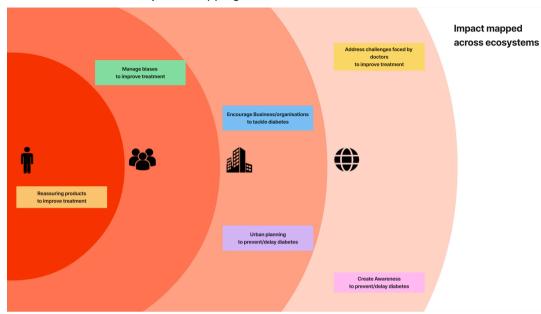


Clustering of the themes

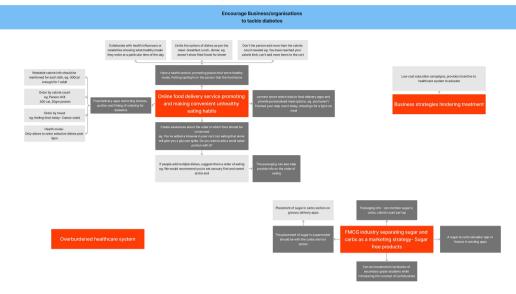


Brainstorming

Ecosystem mapping of the umbrella themes

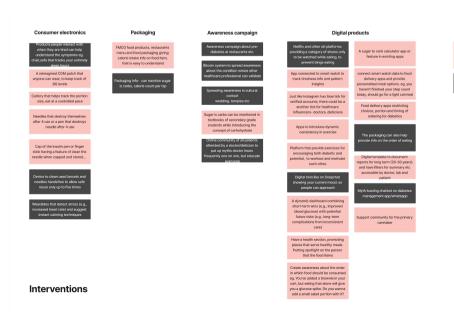


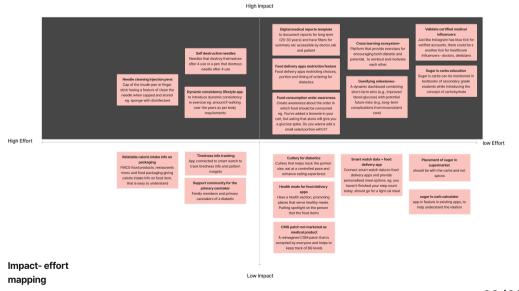
Possibility mapping of the themes to generate ideas



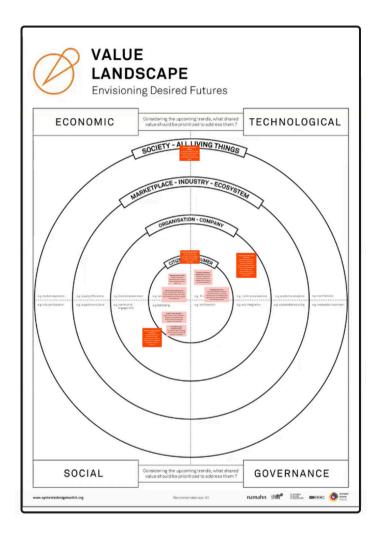
Narrowing down of the ideas

Space solutions





Relevance evaluation



Horizon mapping and Value landscape templates have been taken from the book- Design journey through complex systems by Kristen Van Ael, Peter Hayward Jones

