DESIGN PROCESS DIAGRAM

Having-Dinner-Map

Having / preparing dinner

Categorised ingredients into main and additional

Conduct research about ingredients, their origins, country of production and the waste created after their usage

Identify a need (problem statement) the amount of waste created in different levels of ingredient production includes packaging waste, transportation waste, production waste, leftover waste, etc.

Gathers findings, analyse findings

Ideate solutions

Waste System Map

Inputs from first week
Human-centred design, evidence-based research, design process, personas, ethnographic research, waste meaning

Conducting research
Research about waste sources, types of waste, waste created before, during and after (customer centric view of waste)

Lecturers' input
Digital technology, Moore's law and waste, Lean, Blockchain, different types of waste, CE, Green deal, Economy, Designing regenerative cultures

Conducting research
Types of waste handling, waste management, waste produced during PLC, impact of waste on environment

Info gathering and analysis
Create general waste system map

DELIVERABLE:
Waste system map

Inputs & feedback from phase 1A

Focus on waste in Mobility section

Conducting research
Collect quantitative data about waste generated in mobility area, waste resources in mobility, material and energy resources, mobility impact on environment

Lecturers' input
Big Data, Database, AI, IoT,

Info analysis and identify a need

DELIVERABLE:
Mobility waste system map

Input analysis and identify a need

Lecturer input
Damian White

Introduction to visioning

DELIVERABLE:
Vision1: Personal mobility
Vision2: Air travel in future

Lecturers' feedbacks

Conducting research
Personal car in Switzerland, trends, cars' manufacturing , e-cars, EVBs, charging system

Ideation
Electric vehicles instead of engine cars
Autonomous cars as a new mode of transportation

Opportunity Are
Evaluate the situation and see the opportunity

Strategy
Policy, requirement, financing, step by step way of achieving our objective

Future concept Green-Mile