



HUMAN COMPUTER INTERACTION

REVIEW - 1

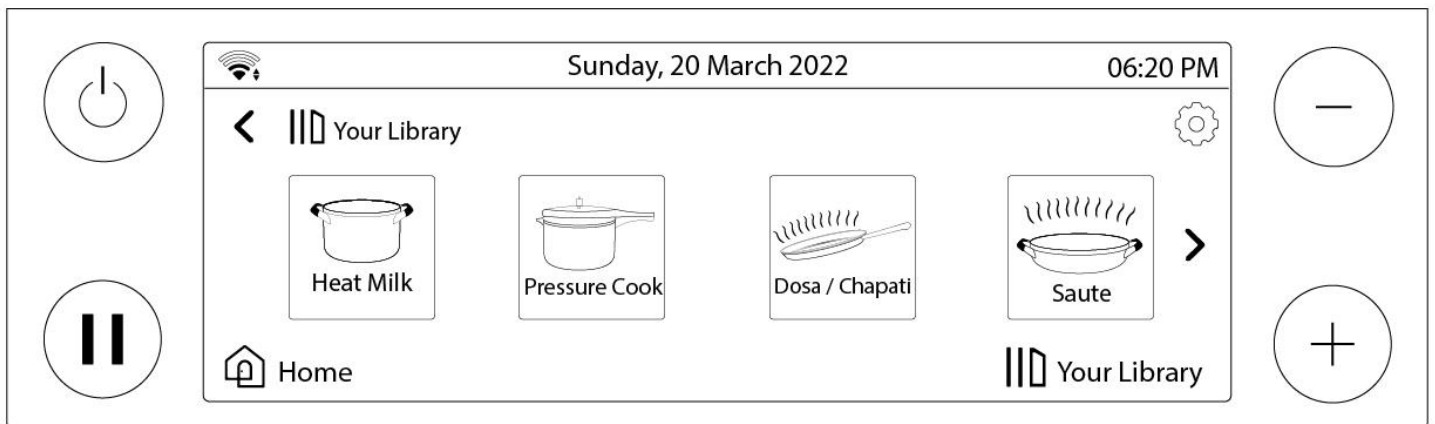
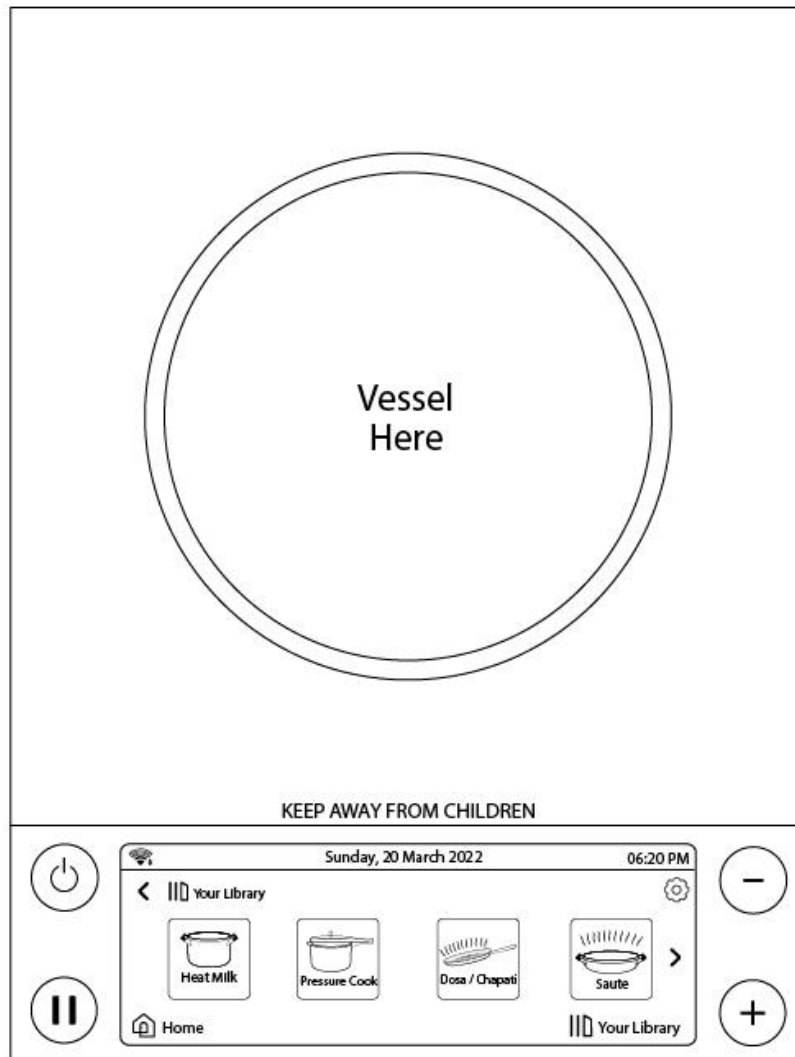
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Pranav Gupta – 19BIT0181

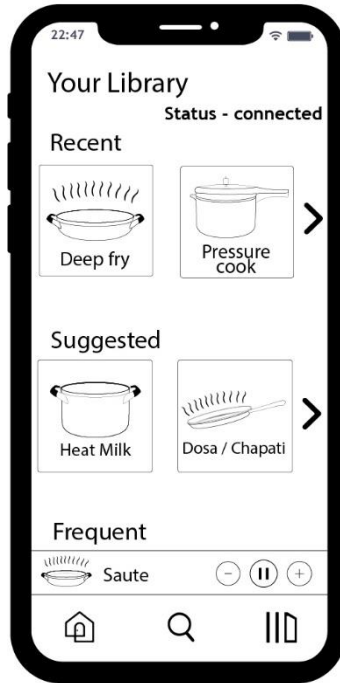
REVIEW-2

PROPOSED INTERFACE

Induction:

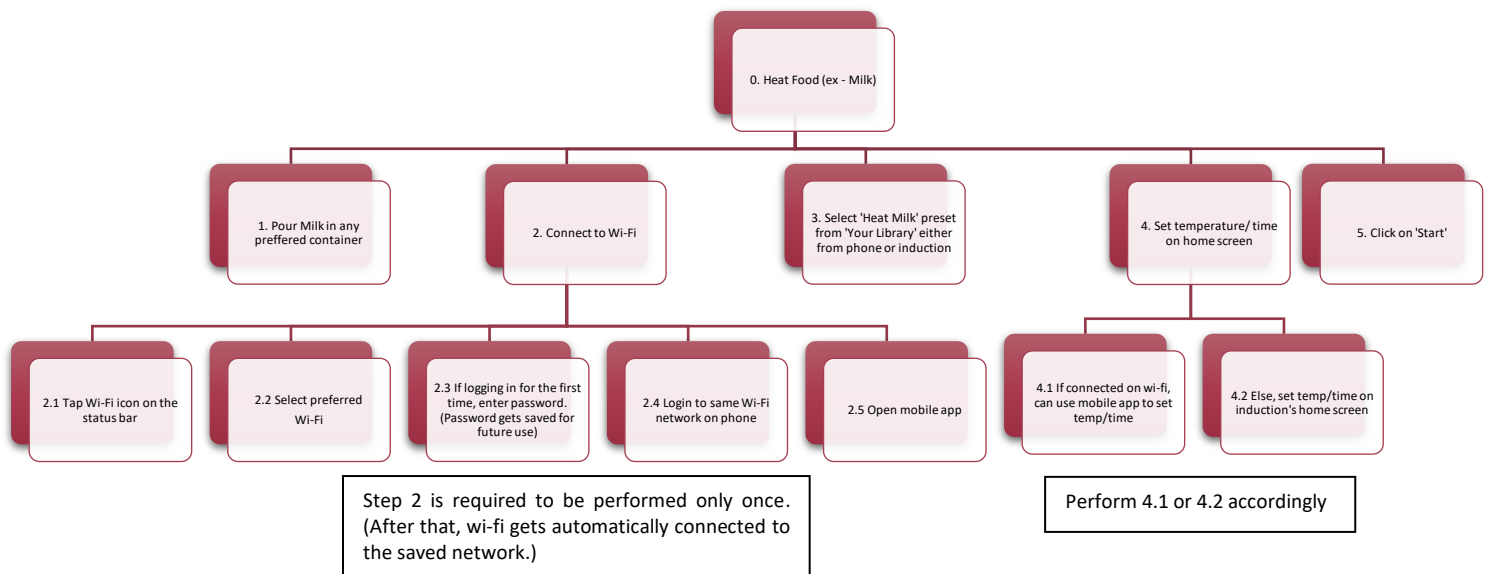


Mobile app:

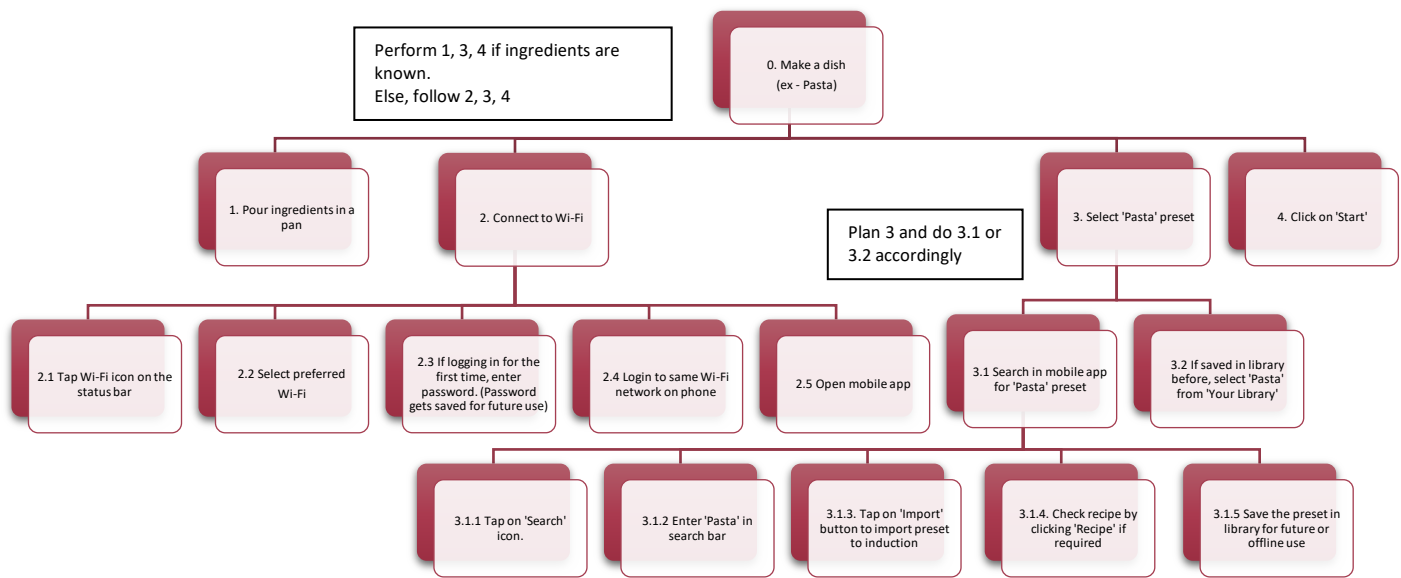


TASK ANALYSIS

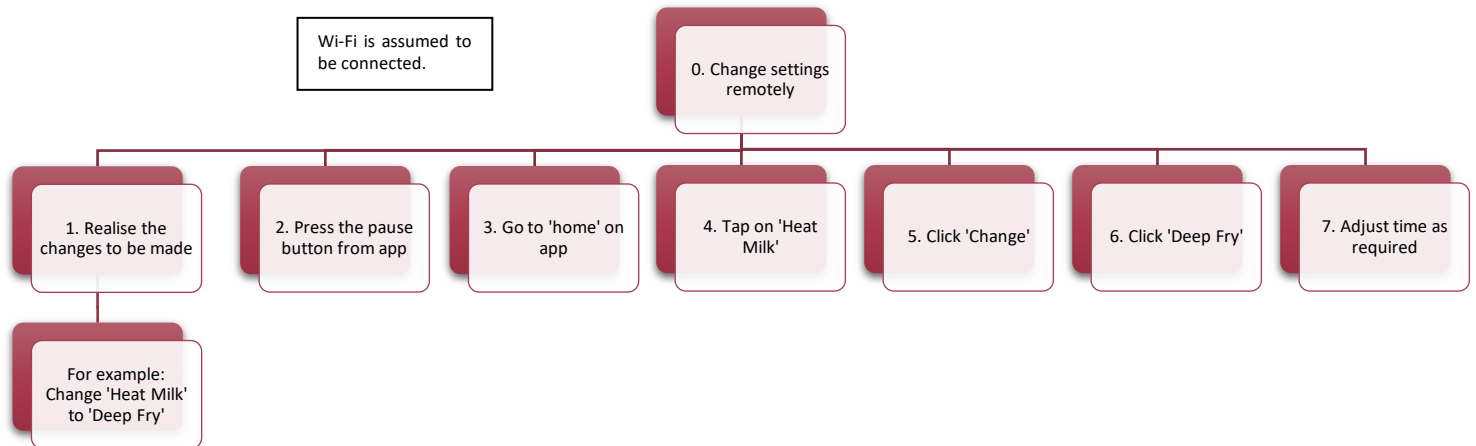
1. Task Analysis to heat milk:



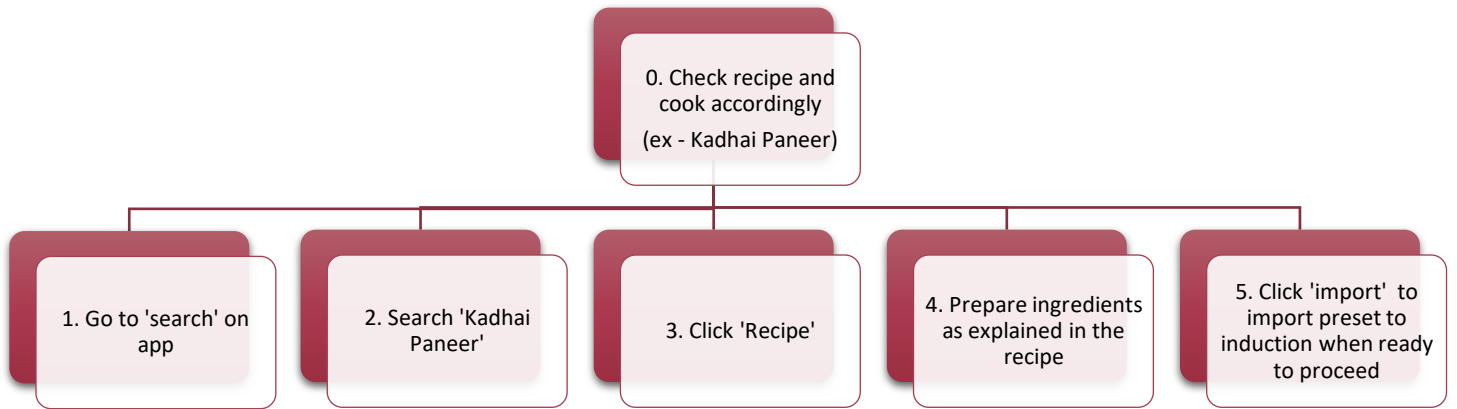
2. Task Analysis to make pasta:



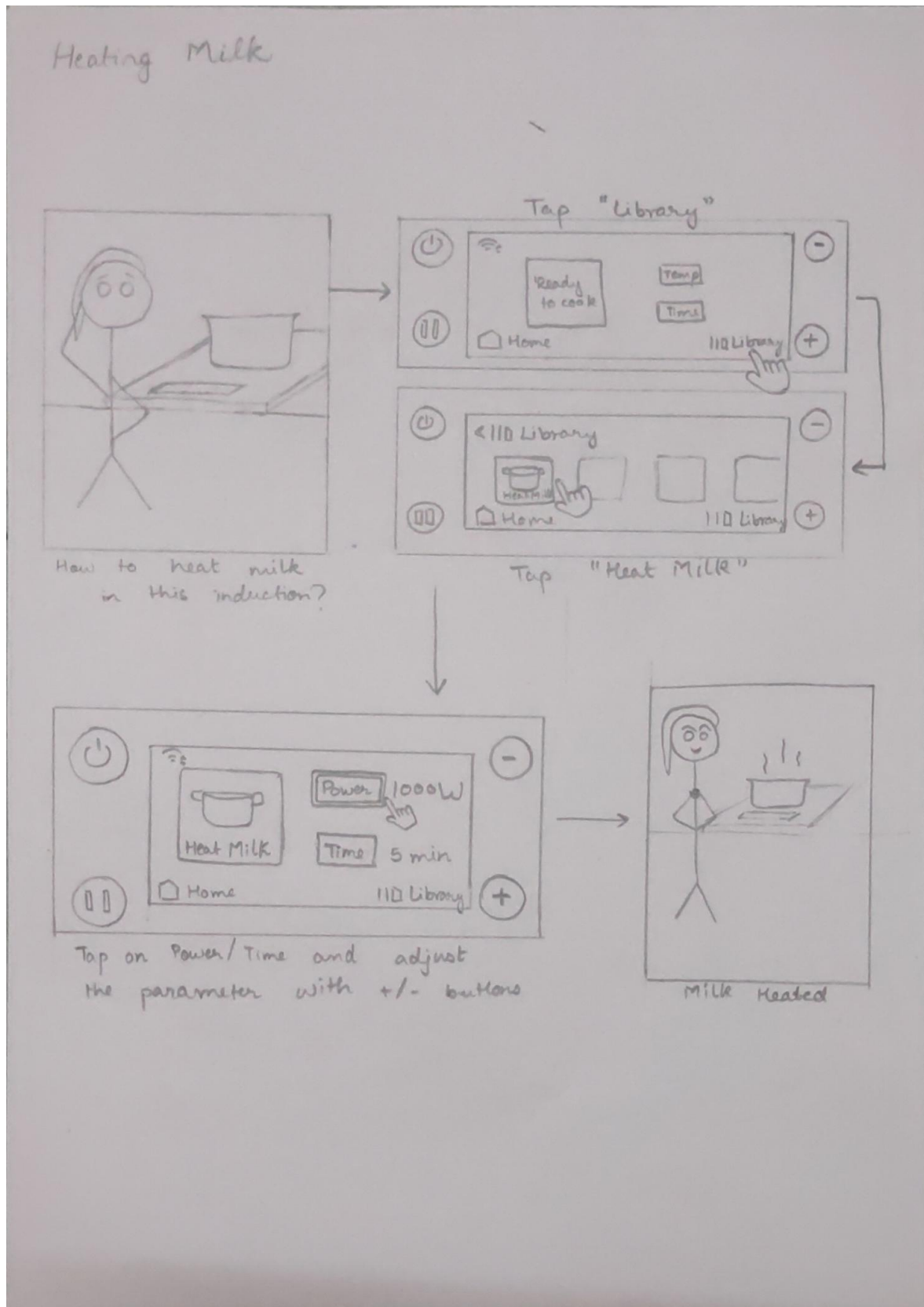
3. Task Analysis to control induction remotely:



4. Task analysis for checking recipe:



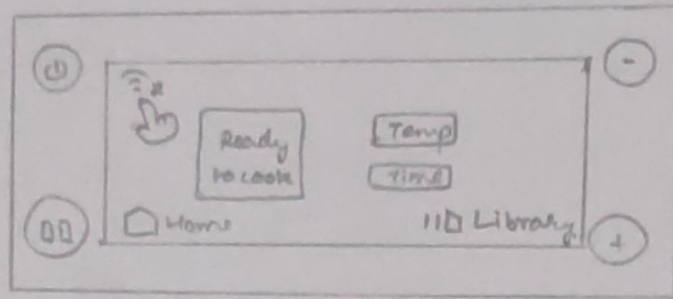
STORY BOARDING



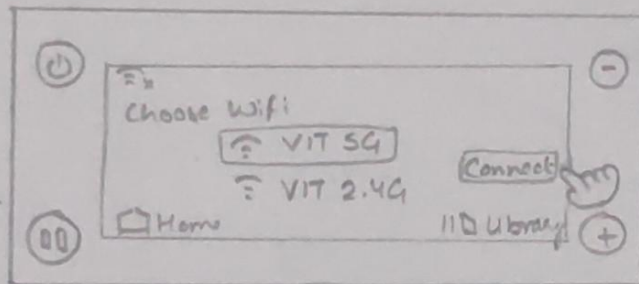
Making Pasta



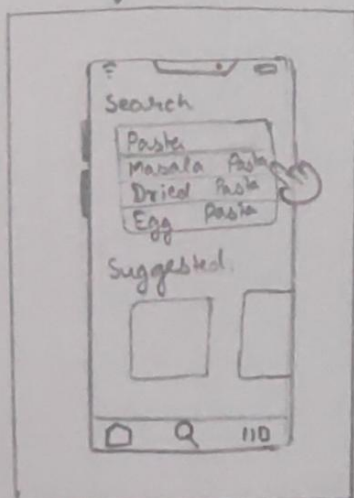
How can I make Pasta?



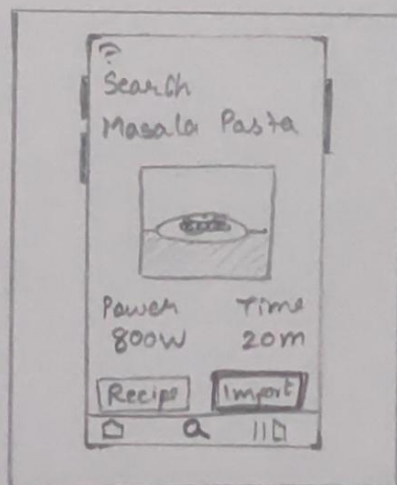
If wi-fi not connected, tap on wifi logo



Tap on preferred network and press "Connect".



Search "Pasta" on mobile device and click the preferred dish



Click on "Import" (or "Recipe" if required)



Pasta ready!

STORY BOARDING FOR CONTROLLING INDUCTION REMOTELY



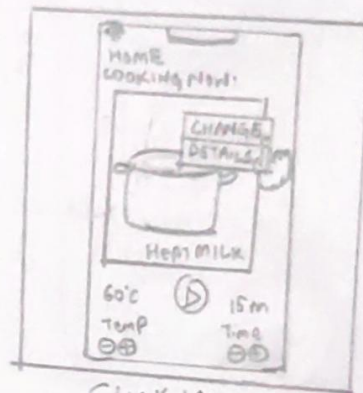
Realised wrong Preset is applied



Press pause button immediately



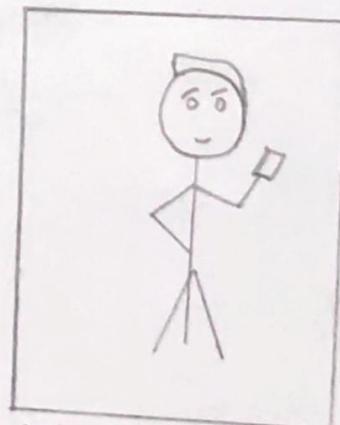
Press and hold current Preset



Click 'Change'

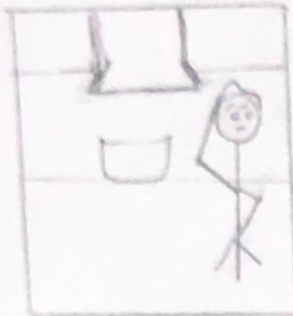


Click 'Deep Fry' and adjust time as required from the home page

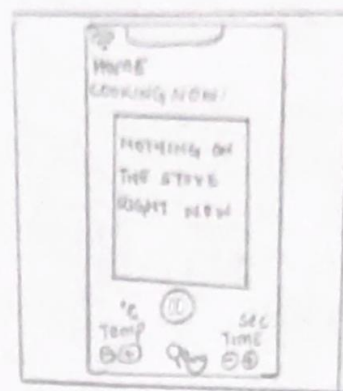


Mistake corrected remotely

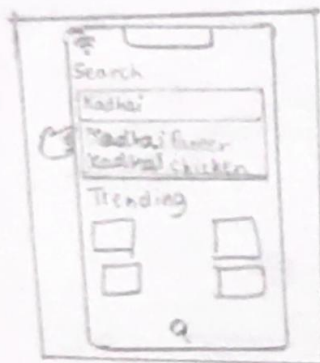
STORY BOARDING FOR CHECKING RECIPE OF KADHAI PANEER



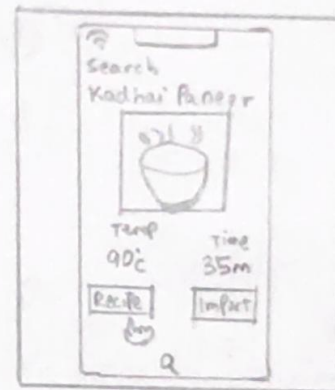
How To make Kadhai Paneer ?



Click on the search button



Search Kadhai Paneer



Click on 'Recipe' and follow the instructions



Kadhai Paneer cooked properly with correct recipe.

INPUT OUTPUT DEVICES

Input devices:

1. LED Touchscreen: will allow user to access the various functionalities of the Induction Stove.
2. Mobile Touchscreen: will allow user to interactively control the functionalities over a wi-fi connection
3. Physical Buttons: allows quick/urgent actions like pause the induction process, increase or decrease time/ power/ temperature.

Output devices:

1. LED Touchscreen: The touchscreen also provides visuals to see the functionalities of induction on the screen.
2. Induction Speaker: The speaker will provide single beat sound when a button is pressed and triple beat sound when the task is done.
3. Mobile Speaker: Notifies the user about any significant changes.
4. Mobile Touchscreen: Allows the user to check the current status of the food.