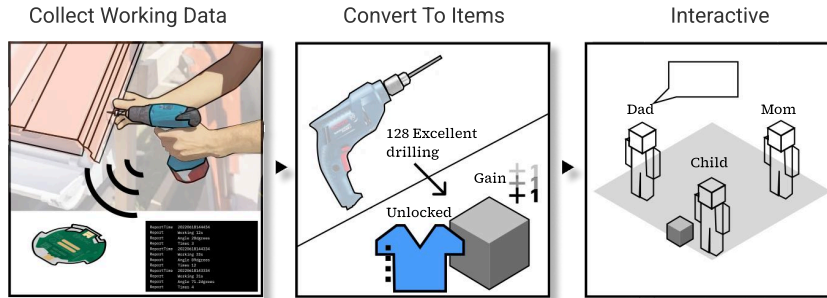
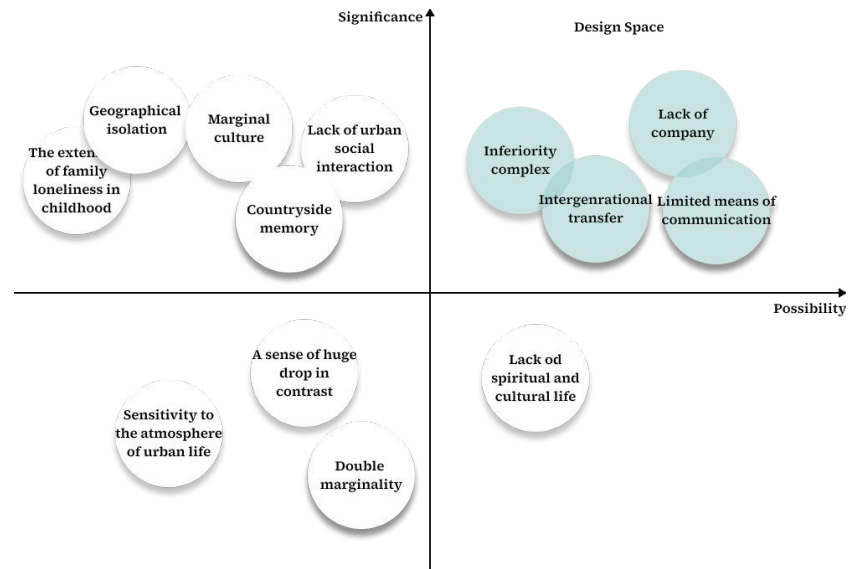


# How might we...

How might we create a new form of communication that helps migrant workers maintain connection, understanding, and emotional support with their families, ultimately reducing their sense of isolation?  
 The opportunity lies in ambient signals, not explicit messaging.

## Ideation & Concept

### Finding Design Space & Brainstorming



Worker job data collected through Bluetooth-enabled smart tools can be translated into interactive items on the Family Re:union platform, allowing families to engage with small traces of the worker's daily labor from home.

### Bosch Smart Tool Bluetooth Module Design

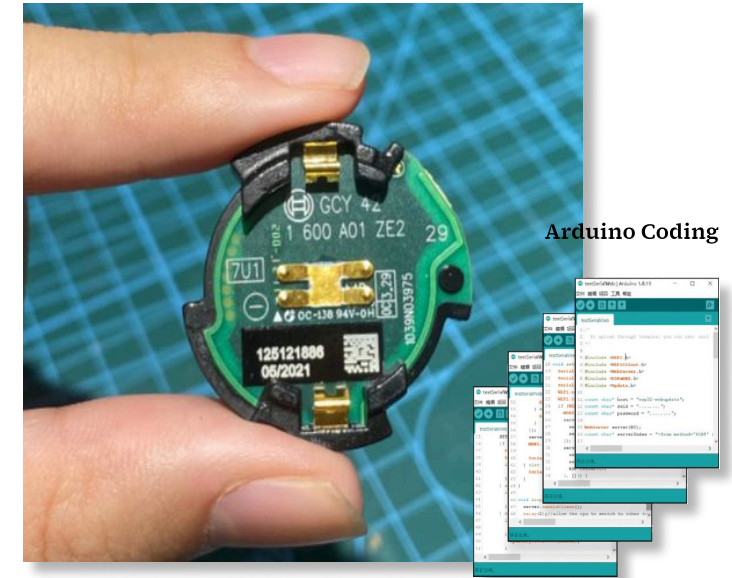
By using smart tool modules equipped with Bluetooth and multiple sensors, we can collect work data throughout a worker's shift.

### Bosch Intelligent Tool Bluetooth Module Implement



We designed and prototyped and tested an ionaenhanced module that would

### Bluetooth Module Design



Arduino Coding

### Bluetooth Oodule Enhancement Design (Arduino Demo)

