Mathematical Model

Let S be the Whole system which consists:

S= {IP, Pro, OP}.

Where,

1. IP is the input of the system.
2. Pro is the procedure applied to the system to process the given input.
3. OP is the output of the system.

**A. Input:**

IP = {LOC, SWP, BL, SCS}.

Where,

1. LOC is user current location.
2. SWP is SMS with PIN
3. BL is Battery level
4. SCS is SIM card status

**B. Process**

PRO= {FL, CF, CCB, CCS, CCSP, CM}

FL is fetch LOC

CF is check food available

CCB is continuously check BL

CCS is continuously check SCS

CCSP is continuously check SWP

CM is change silent mode to ringing mode

ELP is mail location and photo on users register email id

FCL is fetch contact logs

**C. Output:**

OP={}

Food deliverd

VCL is view FCL

RM is mobile on ringing mode with the help of CM

MFB is ELP for BL

MFS is ELP for SCS