

CHECK FOR ANY OF THE N-NUMBER HEALTH SYMPTOMS

102

ASK ADDITIONAL PHYSICAL QUESTIONS

104

CHECK GRID CONSUMPTION AS NECESSARY

106

100

FIGURE 1

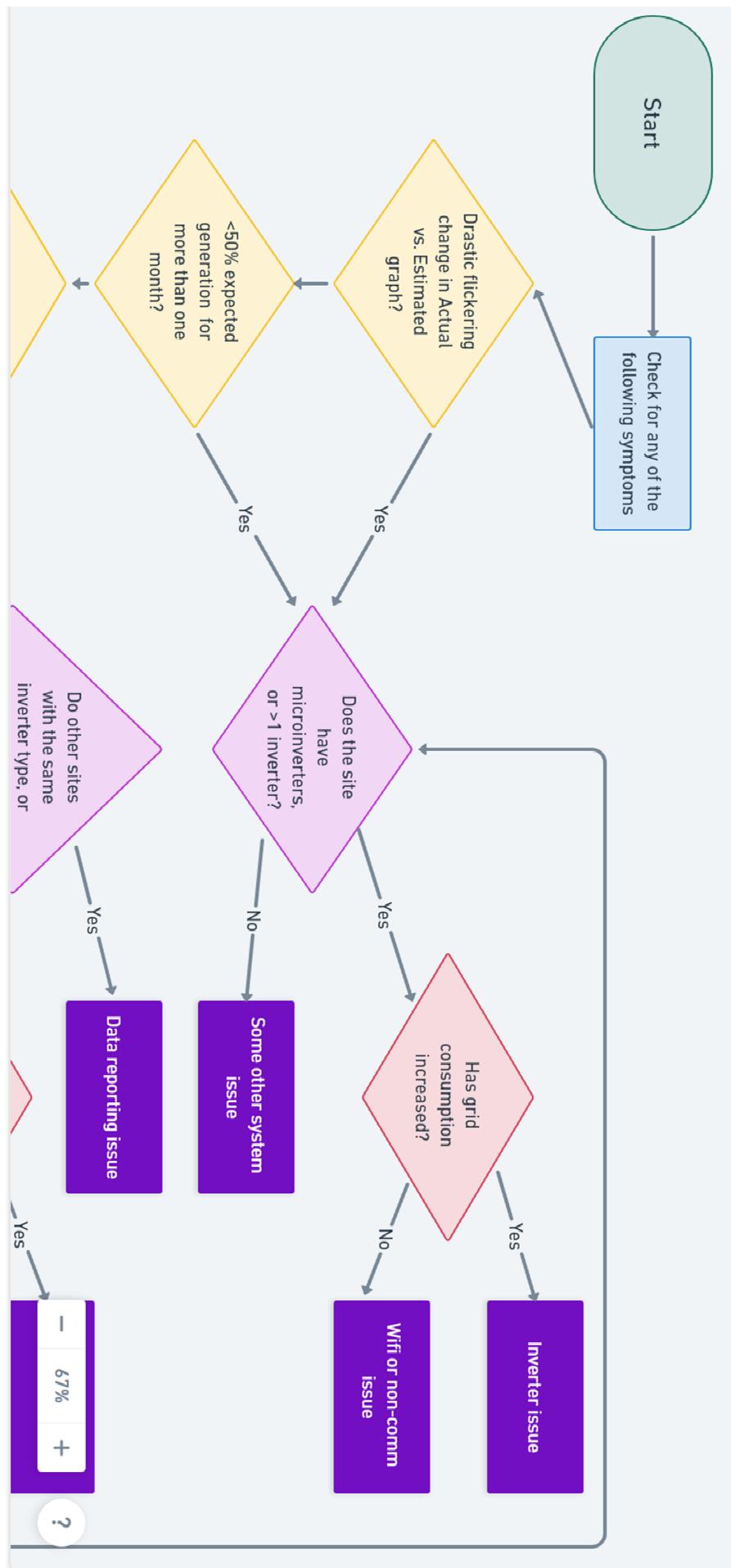


FIGURE 2B

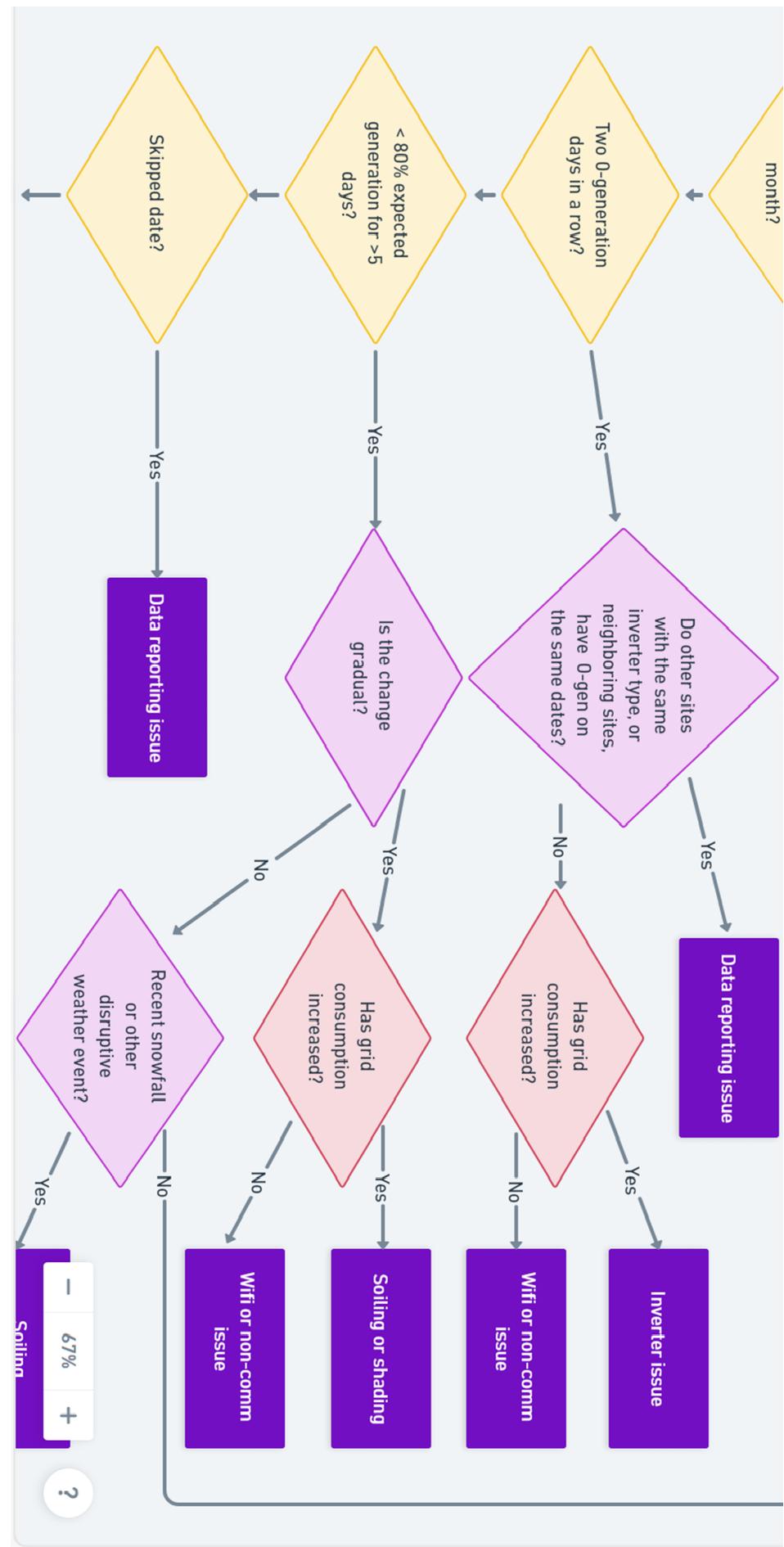
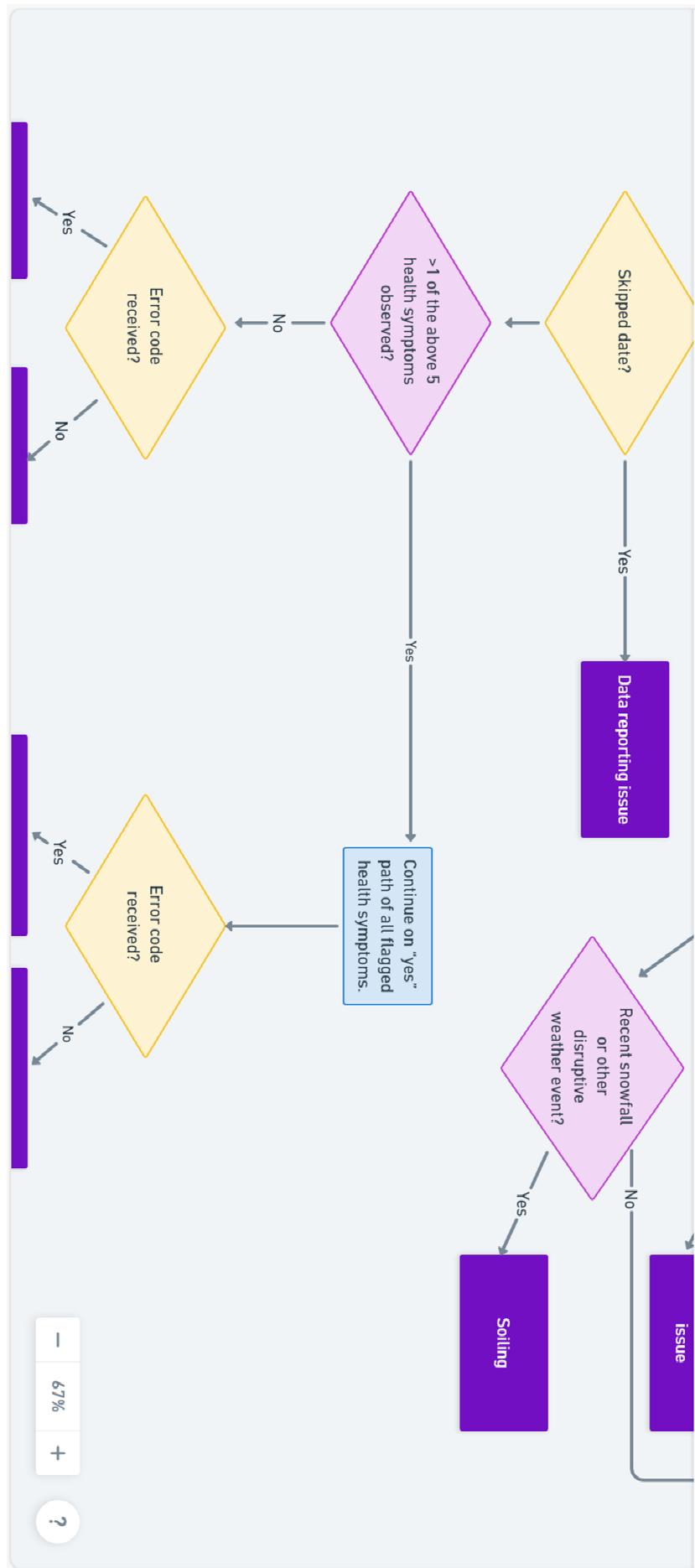


FIGURE 2C



200 ↗

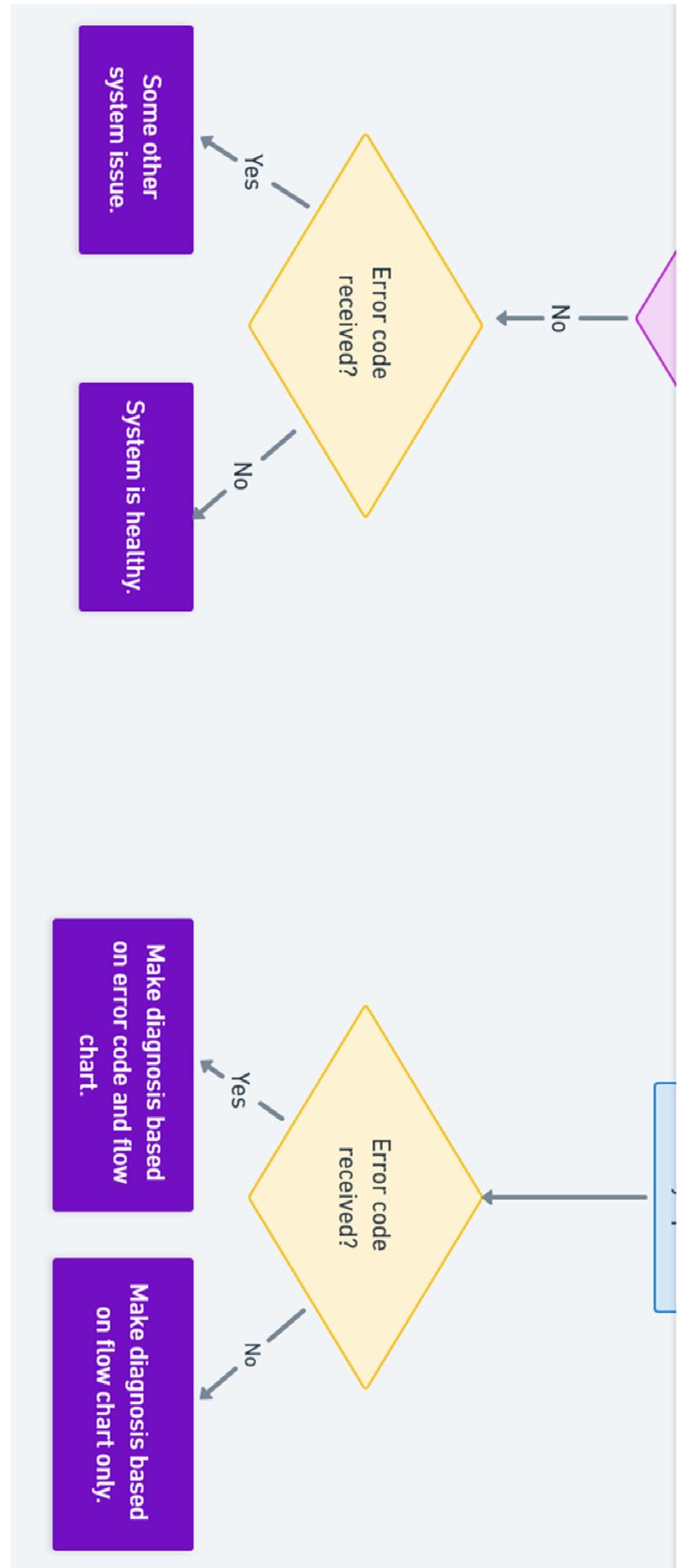


FIGURE 2D

CREATE A NEW SYSTEM FEATURE FOR SOLAR PANEL HOMEOWNERS, WHICH IS
“UNHEALTHY” OR “WARNING”

302

AUTOMATE THE TROUBLESHOOTING PROCESS AS OPPOSED TO RELYING ON CUSTOMER
SUPPORT PERSONNEL

304

PREDICT WHEN THE INVERTER WILL RECORD 0-GENERATION 4

306

COMBINE STEPS 302 AND 304

308

INCORPORATE REAL-TIME WEATHER DATA INTO THE GENERATION ESTIMATE AND USES
THE REAL WEATHER DATA TO MODIFY THE GENERATION ESTIMATE

310

DETERMINE MULTIPLE SYSTEM HEALTH ISSUES

312

300 —————→

FIGURE 3

OBTAINTHE DATA FOR “ESTIMATED” GENERATION

402

GENERATE ESTIMATED GENERATION AS MONTHLY TOTAL PREDICTIONS

404

FOR THE “ACTUAL VS. ESTIMATED” GRAPH, PROVIDE A DAILY GENERATION ESTIMATE THAT IS ACCURATE ENOUGH TO BE USED IN THE PERCENTAGE ERROR

406

IMPLEMENT A MACHINE LEARNING COMPONENT

408

PROVIDE A GENERATION ESTIMATE BASED ON WHAT THE WEATHER WAS THAT DAY

410

PLOT THESE VALUES FOR EACH DAY OF THE YEAR AND THEN LOOK AT TRENDS BASED ON THE PLOT

412

USE DAILY GENERATION ESTIMATE IN THE PERCENTAGE ERROR

414

400 —————→

FIGURE 4

APPENDIX A

