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1. Software development process:

- **Analyse:** we have to analyze the covid-19 virus pandemic and also how to detect symptoms by asking survey questions based on the covid-19 symptoms to the mobile phone.
- **Specification:** dividing the system into hardware and software
- **Design:** it determines the nature of the input and output layout with the process steps required.
- **Implementation:** using documents to write the codes created for the design acting as the input.
- **Testing and debugging:** when the developed code is tested to detect the problems, and try to fix them.
- **Release and update:** released for usage and update based on new features, new questionnaires based on new symptoms and bug fixes.

2. The software features:-

This user friendly application is developed on an algorithm system. It will involve the use of

- Graphic user interface(GUI)
- User profile page
- Switch buttons
- Questionnaires based on the virus symptoms
- Timer
- Access control

Hardware features:-

The application is been developed on 50 Tb ram, fast processor,etc

It will also require:

- Air pump
- Pipes
- Temperature determinant
- Cooler.

3. DESIGN:

Let n= negative

P= positive

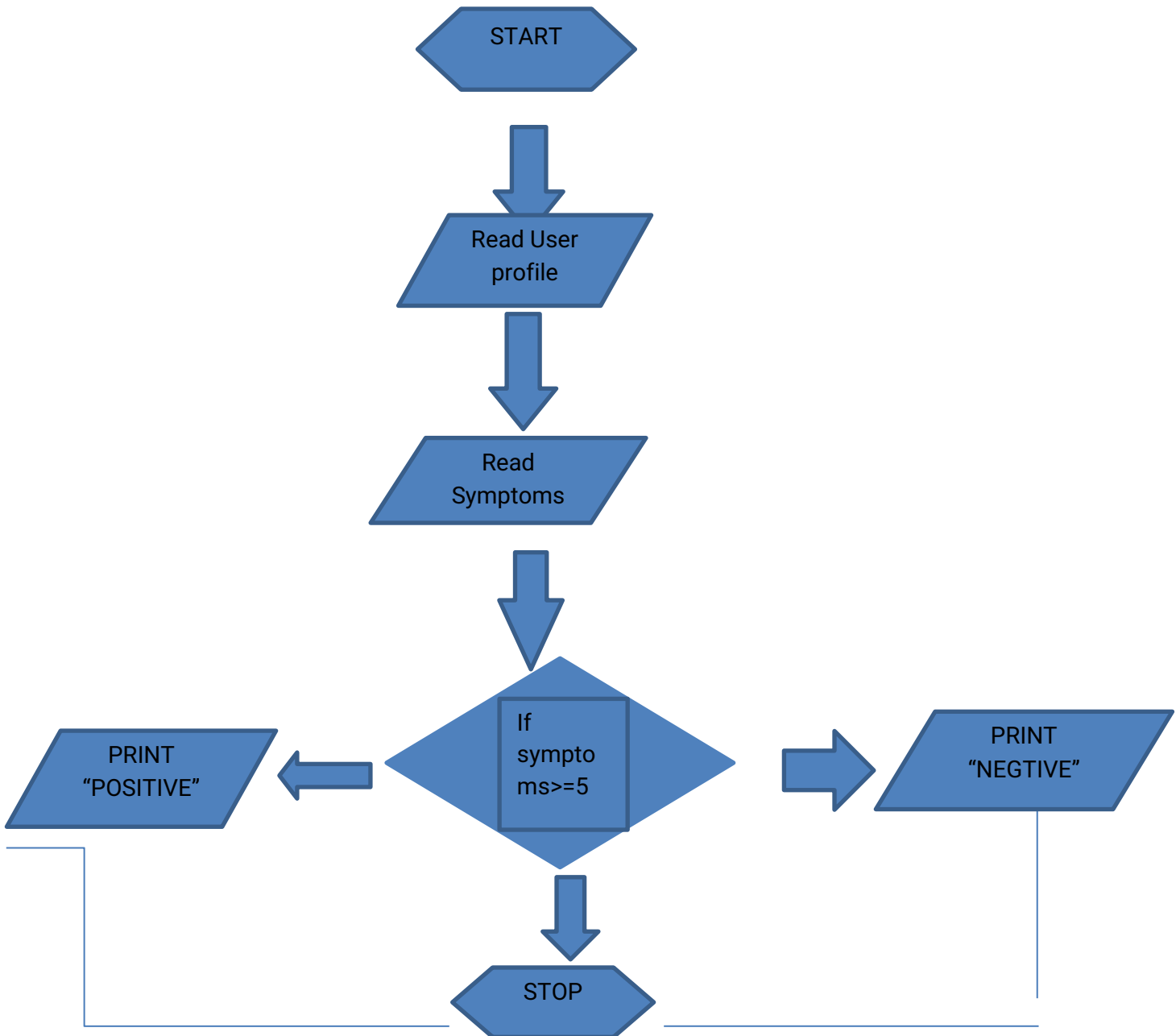
Step 1: start

Step 2: detect temperature

Step 3: read temperature
Step 4: if temperature > 40 degrees

Print "positive"
Else
If temperature < 37
Print "negative"
Step 5: stop

Flowchart.



4. TOP DOWN DESIGN

