

1. Operator open the GUI, will look like this:

HIMOINSA
A YANMAR COMPANY

OPERATOR ID

WO

PT

ISSUES

OTHERS

START PAUSE FINISH

2. IF HAS WORK ORDER, he put his ID, and the Workorder. And automatically (if he doesn't have any other WO open before) the button "START" will become black:

HIMOINSA
A YANMAR COMPANY

OPERATOR ID

WO

PT

ISSUES

OTHERS

START PAUSE FINISH

3. Once he press "START", all the cells should be cleaned, so they are ready for the next operator:

HIMOINSA
A YANMAR COMPANY

OPERATOR ID

WO

PT

ISSUES

OTHERS

START PAUSE FINISH

4. IF one operator already “START” before, and he come back to “PAUSE” or “FINISH”, he JUST PUT HIS ID, **AND AUTOMATICALLY SHOULD SHOW HIM THE WO HE IS WORKING IN.** AND JUST ACTIVATE THE BOTTONS “PAUSE” AND “FINISH”:

HIMOINSA
A YANMAR COMPANY

OPERATOR ID	456	OTHERS
WO	X1466	
PT	PT400	
ISSUES		

START

PAUSE

FINISH

5. If the operator press “PAUSE”, the cells should be cleaned, and ready for next operator. Also all bottons should be disabled:

HIMOINSA
A YANMAR COMPANY

OPERATOR ID		OTHERS
WO		
PT		
ISSUES		

START

PAUSE

FINISH

6. If the operator come back, after he pressed “PAUSE”, once he put his ID, automatically should show the WO he is working in, and only activate the botton “START”

HIMOINSA
A YANMAR COMPANY

OPERATOR ID

WO

PT

ISSUES

Notice: now operator, can start again the WO or Finish it.

7. IF the operator press “FINISH”, the information should be saved in a excel file like this:

Date	PT	ID 工号	Wo 工单号	Total Time (min)	Issues
20/2/2024	PT400	456	X226548	250	

Where total time: is the real time he was working in the WO, not including the pause time.

Notice : All the operators information should be saved in the same file. But to not make the excel file heavy, each two weeks should automatically create a back up of the excel file and save it, with another name adding a date. And keep the the excel file not heavy.

8. If the operator doesn't have any WO, but he will do another jobs. When he open the GUI, will see a window like this:

The screenshot shows the HIMOINSA A YANMAR COMPANY logo at the top left. Below it, there are four input fields: OPERATOR ID (highlighted in yellow), WO, PT, and ISSUES. To the right of these fields is a button labeled "OTHERS". At the bottom of the screen, there are three buttons: "START", "PAUSE", and "FINISH".

He needs to press "OTHERS"

9. When he presses "OTHERS" it will take him to another screen:

The screenshot shows the HIMOINSA A YANMAR COMPANY logo at the top left. Below it, there are two input fields: OPERATOR ID (highlighted in yellow) and PT. The PT field has a dropdown menu open, showing three options: "REWORK", "CLEAN", and "PAINT". To the right of these fields is a button labeled "BACK". At the bottom of the screen, there are three buttons: "START", "PAUSE", and "FINISH".

10. Once he put his Id and select the PT that he will work in. the button "START" will be activated:

The screenshot shows the HIMOINSA A YANMAR COMPANY logo at the top left. Below it, there are two input fields: OPERATOR ID (highlighted in yellow and containing the number "456") and PT. The PT field has a dropdown menu open, showing three options: "REWORK", "CLEAN", and "PAINT". To the right of these fields is a button labeled "BACK". At the bottom of the screen, there are three buttons: "START", "PAUSE", and "FINISH". The "START" button is highlighted, indicating it is activated.

11. Once he presses “START”, all the cells should be cleaned, and only the button “BACK” activated.


The screenshot shows the HIMOINSA A YANMAR COMPANY interface. At the top left is the logo. In the center, there are two input fields: "OPERATOR ID" with a yellow background and "PT" with a white background. To the right of these fields is a "BACK" button. Below the input fields, there are three buttons: "START", "PAUSE", and "FINISH".

12. Later, if the operator want to “PAUSE” or “FINISH”, he just put his id, and it should automatically put him PT that he was working in:

The screenshot shows the HIMOINSA A YANMAR COMPANY interface. At the top left is the logo. In the center, there are two input fields: "OPERATOR ID" with a yellow background containing the number "456" and "PT" with a white background containing the text "REWORK". To the right of these fields is a "BACK" button. Below the input fields, there are three buttons: "START", "PAUSE", and "FINISH".

Notice: he can PUASE OR FINISH. Any thing he choose, should clean the cells. And activate only the “BACK” BOTTON.

13. If anyone presses “BACK” it will take him to the main screen:



OPERATOR ID

WO

PT

ISSUES

OTHERS




START

PAUSE

FINISH

END

As we discussed before, I would like also a dashboard where I can compare for example. Imagen that operator reported he was working on workorders for 7 hours, but he was in the company 8. It means = $7/8 =$ he was working 87.5%. I have an excel where I have the data of all operators how many hours the were in the company. So would like the excel file that I have and the one that will be created by the GUI, take that data. And show it on a dashboard something like this:

OPERATOR	1/1	1/2	1/3	1/4	1/5	1/6	1/7	1/8	1/9	1/10	1/11	1/12	1/13	1/14	1/15	1/16	1/17	1/18	1/19	1/20	1/21	1/22	1/23	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	Average
 8159 杨仕成	120%	76%	60%	120%	87%	150%																										102%
 8603 李辉	90%	87%	54%	68%	90%	71%																										77%
 10137 宋培龙	100%	91%	100%	95%	100%	85%																										95%

Off course this is made by excel, I hope dashboard can look better.

The average will look yellow is is above 100% and under 95%.