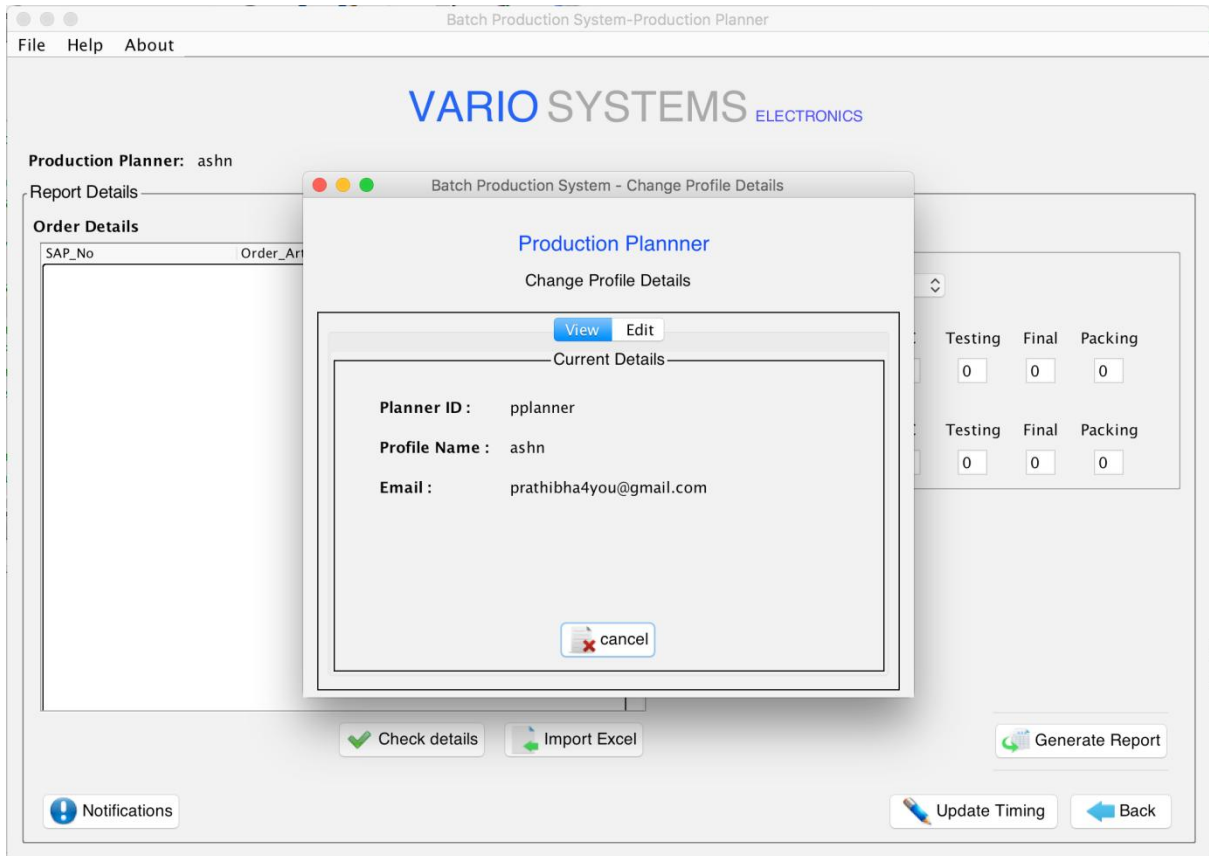


3.2 Production Planner

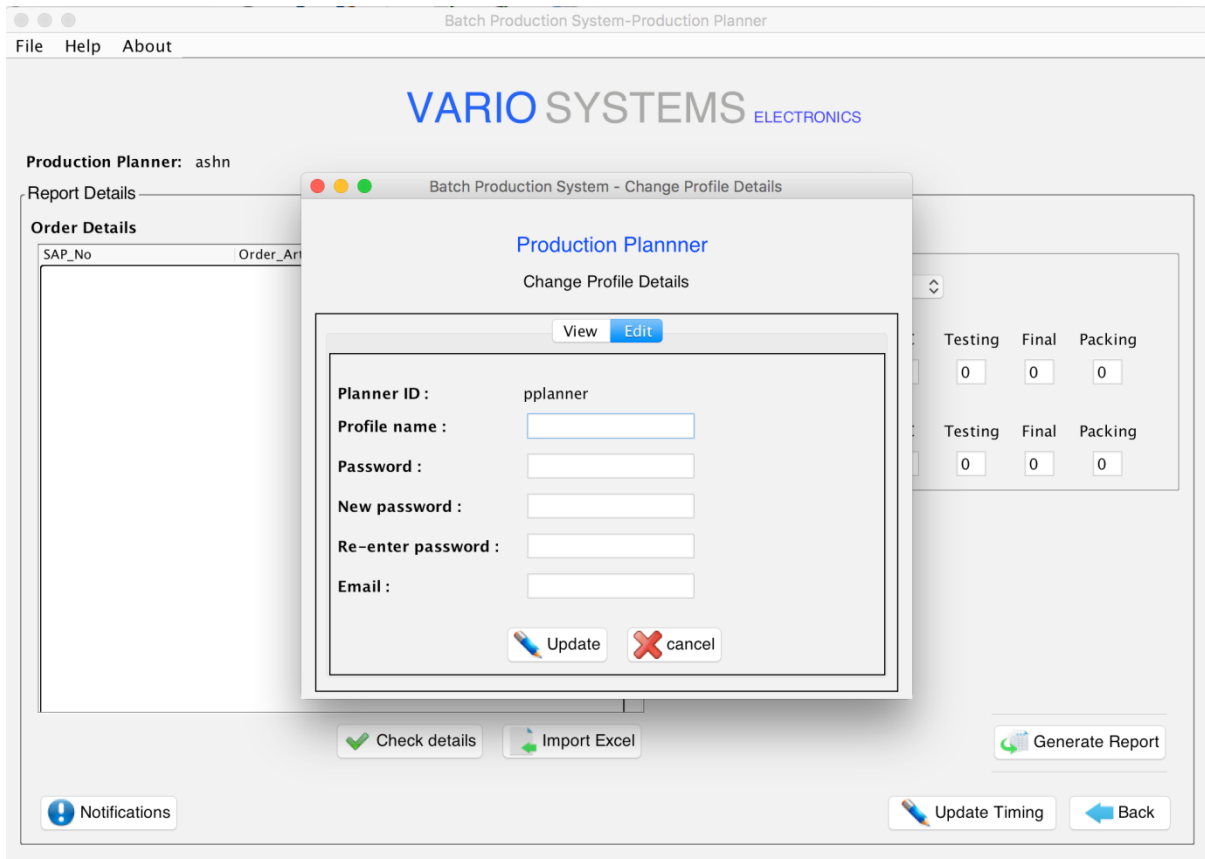
Following interface will be displayed when the Production planner logs into his account.

In the Production planner's interface there are three options called File, Help and About.

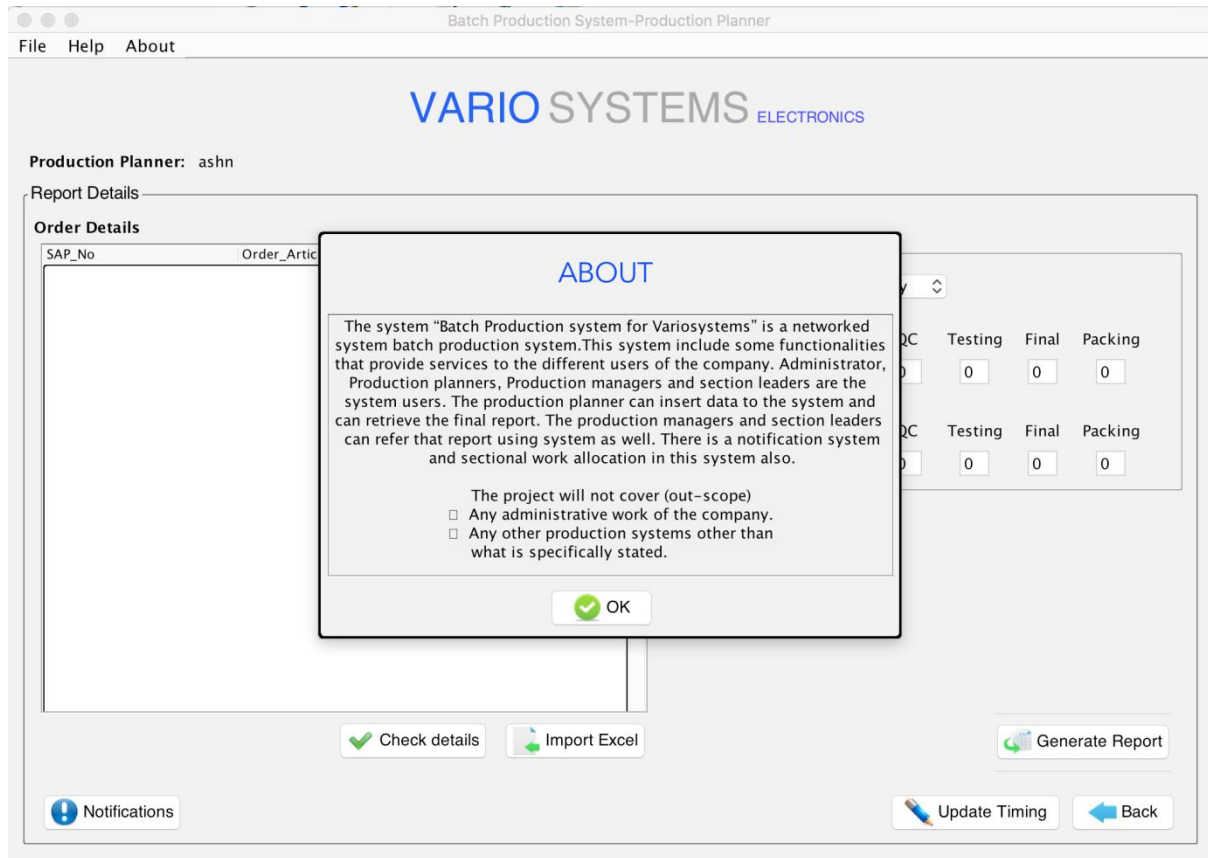
- There are two options called Profile Details and Logout under the File button. When the File button is clicked Production planner can observe the view or edit options. The following interface will be displayed when the View option is clicked.



- From the Edit option he can edit his personal details, assigned by the administrator. He can edit,
 - ✓ Profile name
 - ✓ Password



- When the Help button is clicked there is an option called About. In that option he can view About option which shows how to handle this system.

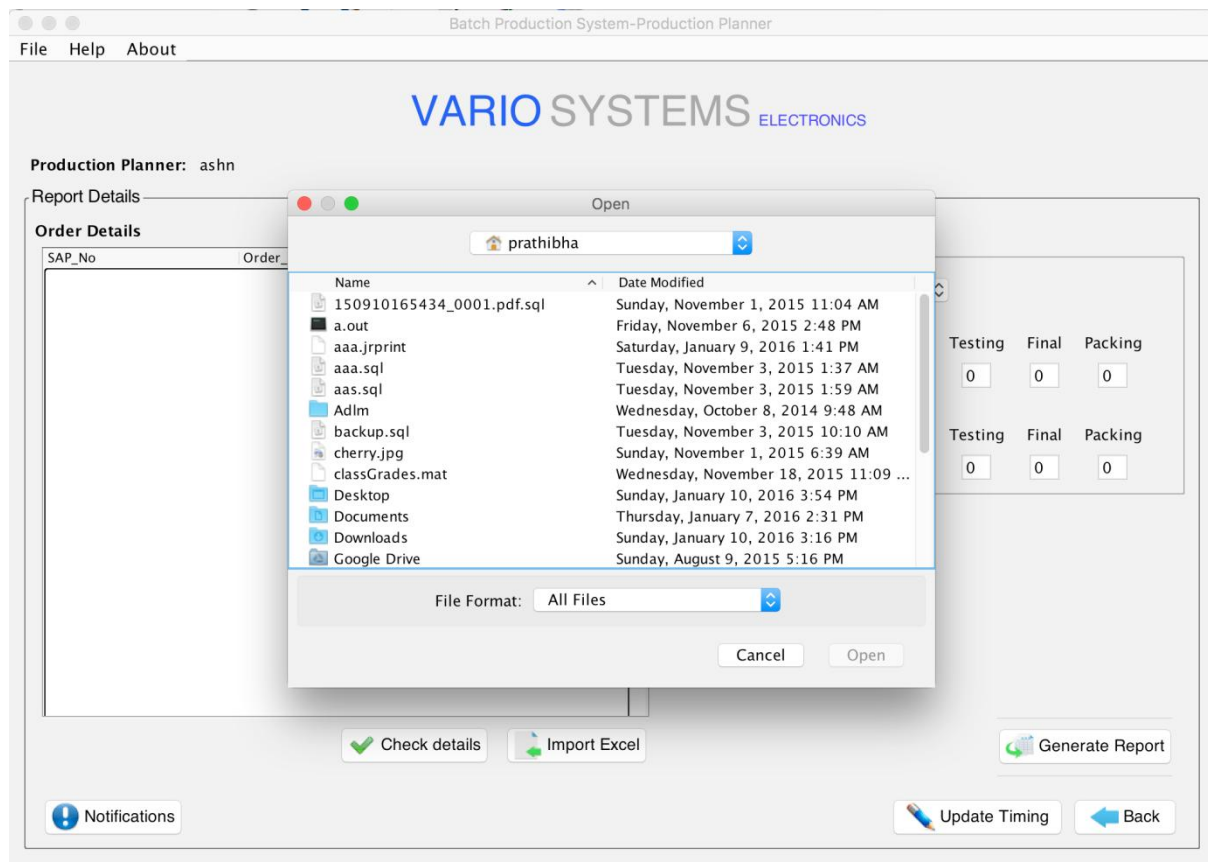


Production planner has following authorities to handle.

- ✓ Import excel
- ✓ Update timing
- ✓ Check details
- ✓ Generate report

3.2.1 Import Excel

When the production planner clicks the Import Excel button, following interface will be displayed.



Production planner can import order details by using Import Excel button.

3.2.2 Update timing

When the production planner clicks the Update Timing button, following interface will be displayed.

Batch Production System - Production Planner - Update Timings

VARIO SYSTEMS ELECTRONICS

Search Order Article

Setup_Time Section_Wise_Time

Order_Article	Pre Work	Assembly Line	Wave Soldering	Quality Control	Testing	Final	Packing
9011481	10.0	0.0	0.0	10.0	15.0	8.0	15.0
9012074	10.0	0.0	0.0	10.0	15.0	8.0	15.0
9013080	2.0	2.5	2.5	2.0	1.0	4.0	1.5
9013502	10.0	0.0	0.0	10.0	15.0	8.0	15.0
9013710	10.0	0.0	0.0	10.0	15.0	8.0	15.0
9013782	10.0	0.0	0.0	10.0	15.0	8.0	15.0
9013937	10.0	0.0	0.0	10.0	0.0	8.0	15.0
9014002	10.0	0.0	0.0	10.0	15.0	8.0	15.0
903416	10.0	0.0	0.0	10.0	0.0	8.0	15.0
904138	10.0	0.0	0.0	10.0	0.0	8.0	15.0
9850001	9.0	1.3	1.5	1.34	1.25	2.0	2.1
9850002	100.0	2.2	2.2	2.2	1.15	1.15	2.0
9850003	30.0	3.0	3.1	1.5	1.5	1.5	2.0
9850004	2.3	2.5	1.15	2.0	2.0	2.0	2.25
9850006	1.4	1.6	1.5	2.3	3.0	3.0	2.0
9850057	4.0	4.0	1.3	1.15	1.15	1.0	1.0
9850058	1.1	1.5	1.5	1.5	2.0	2.5	2.0
9850059	2.0	2.5	3.0	3.0	1.1	1.3	1.5

Update Timing

Pre Work Testing

Assembly Line Final

Wave Soldering Packing

Quality Control

Update

Update Timing

Select Time Catogary

Quality Control

Order_Article

Pre Work Testing

Assembly Line Final

Wave Soldering Packing

Insert

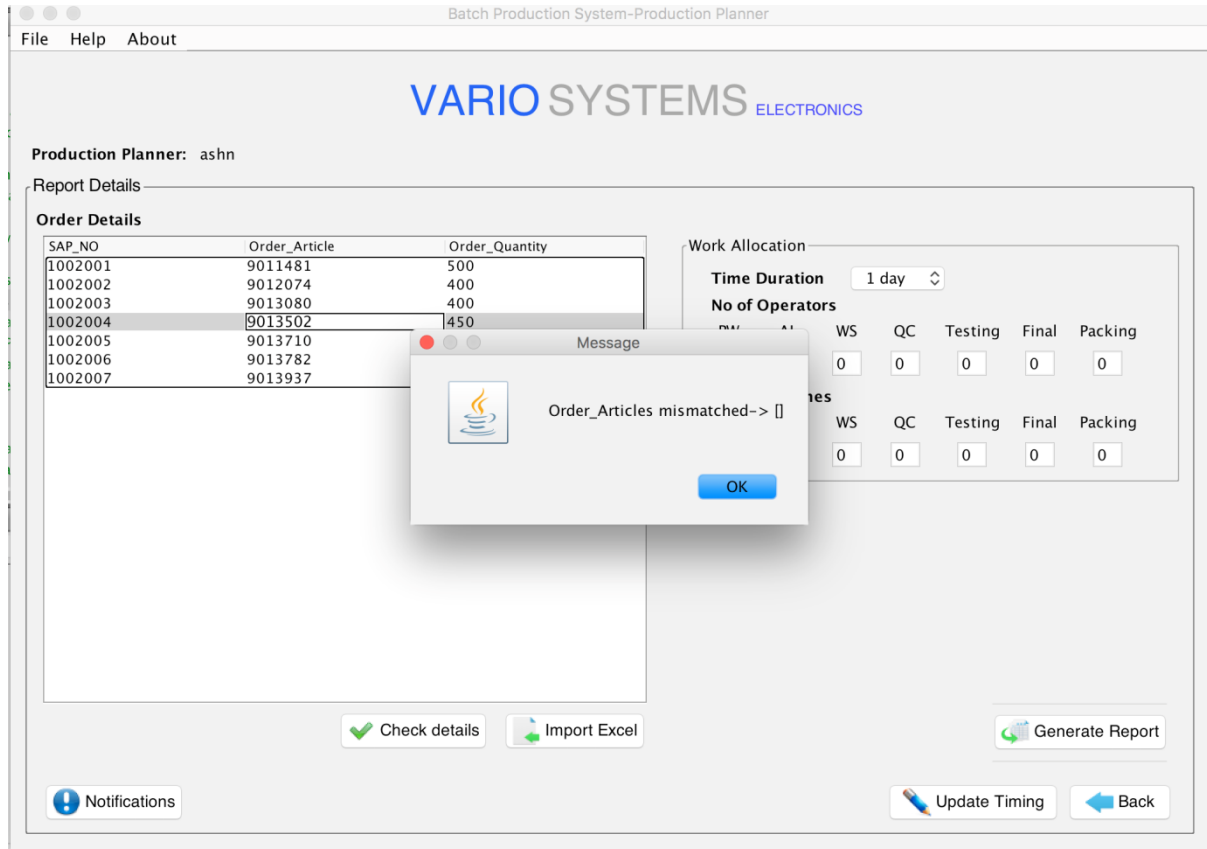
Delete Order_Article

Back

In this interface there are two options named as Update Timing and Insert Timing. Production planner can update or insert Setup time and Section wise Time by using these options. He can delete order article by clicking the Delete Order Article button as well. There is a Search Order Article option in this interface. The production planner can filter the Order Article numbers easily by using Search Order Article option.

3.2.3 Check Details

When the production planner clicks the Check Details button, following interface will be displayed.



It will pop up a message when there is an error or mismatch order details.

3.2.4 Generate Report

Production planner has to assign the following details to generate the final report.

- ✓ SAP number
- ✓ Order article
- ✓ Order quantity
- ✓ Select the time duration
- ✓ Assign the number of operators and machines

Batch Production System-Production Planner

File Help About

VARIO SYSTEMS ELECTRONICS

Production Planner: ashn

Report Details

Order Details

SAP_NO	Order_Article	Order_Quantity
1002001	9011481	500
1002002	9012074	400
1002003	9013080	400
1002004	9013502	450
1002005	9013710	200
1002006	9013782	100
1002007	9013937	600

Work Allocation

Time Duration 1 day

No of Operators

PW	AL	WS	QC	Testing	Final	Packing
0	0	0	0	0	0	0

No of Machines

PW	AC	WS	QC	Testing	Final	Packing
0	0	0	0	0	0	0

Check details

Import Excel

Generate Report

Notifications

Update Timing

Back

When the Production planner clicks the Generate Report button after filling those details (he can insert these details manually or by clicking Import Excel button), the following interface will be displayed as a final report. System will generate the batch quantity and number of batches as outputs and it will appear in the final report.

Batch Production System -Production Manager

File Help About

VARIO SYSTEMS ELECTRONICS

Final Report Section Wise Work Allocation

Date: 2016-01-10 Time: 15:57:07 Production Manager : akila

SAP_No	Order_Article	Order_Quantity	Batch_Quantity	No_Of_Batches
1002001	9011481	500	87	5
1002002	9012074	400	14	28
1002003	9013080	400	14	28
1002004	9013502	450	8	56
1002005	9013710	200	33	6
1002006	9013782	100	19	5
1002007	9013937	600	39	15

	Pre Work	Assembly Line	Wave Soldering	Quality Control	Testing	Final	Packing
No of Operators :	10	10	10	10	10	0	0
No of Machines :	0	0	0	0	10	10	20
Time Duration :	One Day						

Notifications

Back

Exit

Production planner can save this final report by clicking the Save Report button.

Final Report

Batch Production System

Oreder_Article	SAP_No	Order_Quantity	Batch_Quantity	No_Of_Batches
9011481	1002001	500	122	4
9012074	1002002	400	20	20
9013080	1002003	400	20	20
9013502	1002004	450	11	40
9013710	1002005	200	46	4
9013782	1002006	100	27	3
9013937	1002007	600	55	10

Duration

1 Day

NO OF Operators		NO OF Machines	
Pre Work	10	Pre Work	0
Assembly Line	5	Assembly Line	0
Wave Soldering	0	Wave Soldering	4
Quality Control	8	Quality Control	0
Testing	12	Testing	0
Final	10	Final	0
Packing	8	Packing	0

January 08, 2016

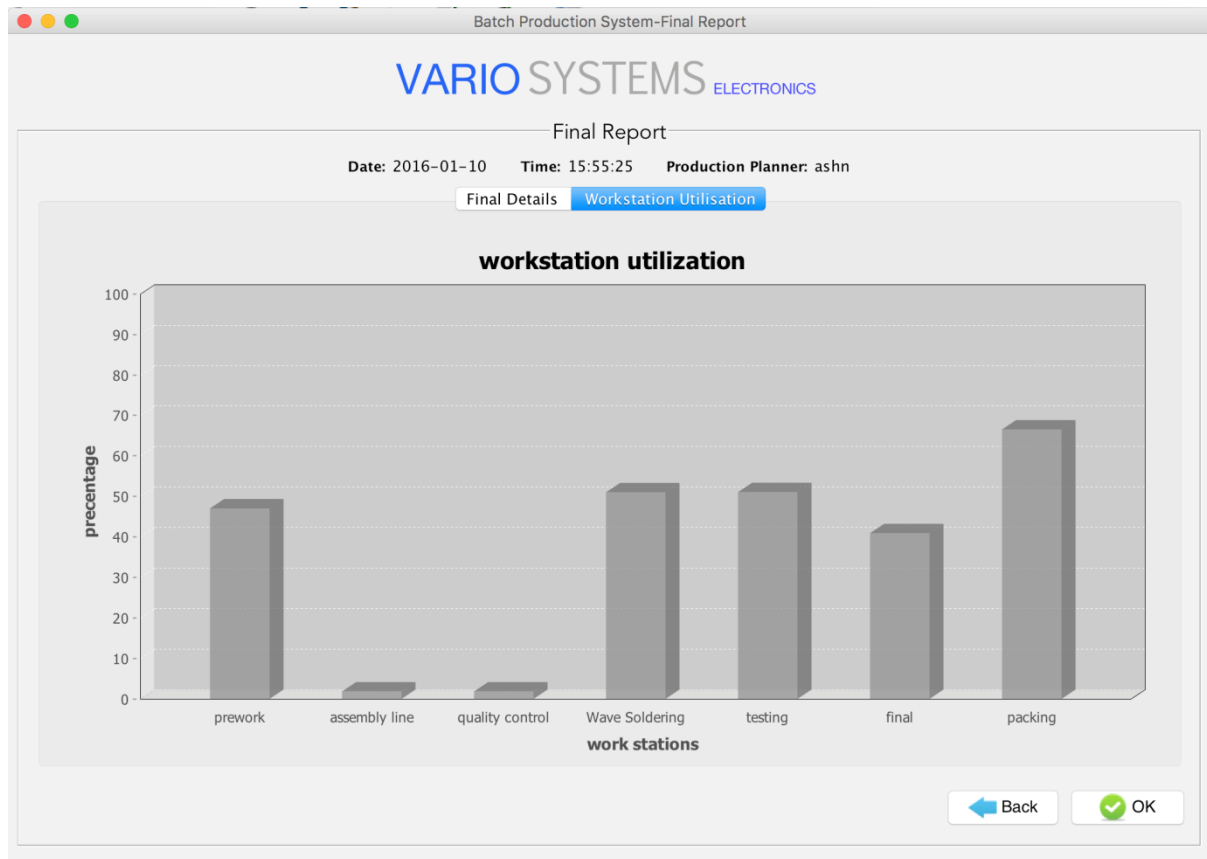
VARIO SYSTEMS

Electronics

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When the production planner clicks the Work Station Utilization button it will display a bar chart as follow. It shows the efficiency of each and every work station.



Production planner can get notifications by using the Notification option. When there is a work station which cannot finish its work within the given time period, a notification will be sent to the production planner and he can view those notifications.

