

Questionnaire 3

Survey questionnaire

This survey is designed for taken data from Enterprises in field of prioritization jobs, is being carried out as part of my investigation about important factors in Production Sequencing in the Age of Industry 4.0. Your participation is therefore very important for the study and also for Kosovo Industry. Your responses will be treated confidentially, and will not be used for any other purpose.

The objective(s) of this research effort is to provide the importance of several production parameters that have influence during the process of determining the significance of jobs into the enterprise.

Question 1. Please rate the following items in terms of importance for your company during the process of determining the significance of jobs (tasks), as follow:

Low significance 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ High significance

Please choose just one number per each parameter.

- | | |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Customer importance | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 2. Quantity of different products in the wo | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 3. Number of batches | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 4. Complexity of customer order | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 5. Delivery date | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 6. Profit per customer order | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 7. Product complexity | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 8. Product type | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 9. Availability and readiness of necessary materials | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 10. Number of technological operations | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 11. Quality required | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 12. Alternative technological processes | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 13. Capacity availability | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |

If there are any other parameter which you consider that have importance in prioritization jobs in your company add it below:

- | | |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14. _____ | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 15. _____ | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 16. _____ | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |
| 17. _____ | 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> |

Question 2. Do you consider that relationship between two or more parameters have more influence in the process of determining the significance of jobs (tasks), if so, please link particular parameters based on your experience to each other?

1. Customer relevance
 2. Quantity of different products in the customer order
 3. Number of batches
 4. The complexity of customer order
 5. Delivery date
 6. Profit per customer order
 7. Product complexity
 8. Product type
 9. Availability and readiness of necessary materials
 10. Number of technological operations
 11. Quality required
 12. Alternative technological processes
 13. Capacity availability
-
1. Customer relevance
 2. Quantity of different products in the customer order
 3. Number of batches
 4. The complexity of customer order
 5. Delivery date
 6. Profit per customer order
 7. Product complexity
 8. Product type
 9. Availability and readiness of necessary materials
 10. Number of technological operations
 11. Quality required
 12. Alternative technological processes
 13. Capacity availability

Question 3. Performance of significance for some parameters in the process of production.

Q.3.1. Rank customer importance from 1 to 5

- customers who are well-known for company ☐
- new customers which is expected to have a long term cooperation ☐
- medium sized customers per payment ☐
- new customers who are not well known for company ☐
- unreliable customers ☐

Q.3.2. Rank provided the material from 1 to 5

- smaller quantities of various special requirements material ☐
- medium quantities of various materials from different suppliers ☐
- larger quantities of materials (supplier's standard deliveries) ☐
- material provided (one supplier) ☐
- material provided with difficulties ☐

Q.3.3. Rank required quality for production parts (pp) from 1 to 5

- pp of very high requirements of the accuracy of dimensions ☐
- pp of high requirements of the accuracy of dimensions ☐
- pp of medium requirements of the accuracy of dimensions and forms ☐
- pp of low requirements of the accuracy of dimensions and forms ☐
- pp of very low requirements of the accuracy of dim. and forms ☐

Q.3.4. Rank alternative technological processes (atp) for customer order from 1 to 4

- customer order with more than two atp ☐
- customer order with two atp and cooperation with others ☐
- customer order with one atp and sending some opera. to a cooperation ☐
- customer order with one atp and sending a whole part to a cooperation ☐

Thank you for your participation in this research effort.