

Assignment

Build a supply chain strategy for a manufacturing (assembly) process of new product

Product type: original design table with wireless phone charger on the surface:

You need gather information online for the new product (1k piece batch):

- Find supplier (get contacts list)
- Set/count spare parts prices
- Set/count shipment price/method
- Count delivery time (try to start manufacturing/assembly process ASAP)
- Count approximate inventory size for spare parts
- Count final price for one product spare parts+delivery+inventory (excluding labor, inventory price is 10usd/square meter)

Approximate mBOM for 1 product (subject for your extended research and modification)

| Item | Quantity | Material | unit |
|------------------------------|----------|----------------|----------|
| Table surface (inner part) | 1 | Wood | Piece/m2 |
| Table surface (outside part) | 1 | Plastic | Piece/m2 |
| Legs | 4 | Aluminum | Piece/m |
| Legs size telescopic systems | 4 | Metal + rubber | Piece |
| Wireless charger doc-station | 6 | - | Piece |
| Wire | 5 | - | M2 |
| Switcher/cont roller | 1 | - | Piece |
| AC power plug | 1 | - | piece |

Assignment

- Assignment conditions:
 - gather info closer to reality;
 - provide evidences on the sources you have found;
 - more details means better solution.

Work in a team (2 – 3 persons each team) or individually

Strategy report format: presentation (pptx format) with details and calculations 6-15 slides