

Production Management (ME-419)**Module 3: Supply Management****Assignment 12: Periodic Review Model, Single-Period Inventory Model (Xmas)**

Objectives: The objective of this assignment is to practice and implement Periodic Review model and Single-Period Inventory Model (Xmas/Promotion plan) for your product.

Tasks: The tasks to complete and the results to obtain are as follows:

- **Note:** These models should be applied for the finished good level (Level 0 of your Bill of Materials (BOM)).

Periodic Review model

- Implement this mode for your product (finished good).

Single-Period Inventory Model (Xmas or promotion plan)

- Propose a promotion plan for your product (Finished Good), implement the single inventory model and justify your proposal.
- **Note:** This model might not be the best fit for your product. If so, please provide a clear justification explaining why.

Your submission:

1. **This is a group assignment**, there will be a group presentation for this assignment. Each presentation will have 7 minutes with about 8 minutes of feedback.
2. Time: As set on Moodle.
3. No report is needed for this assignment.
4. Connect and bond with your group members, define a proper group strategy for handling the workload and reach an agreement on the time to meet up during the week.