

SCMT 1205 Team Assignment: Plastic Food Container

Team Members:

- Bhavin Solanki – 100991758
- Rohit Kumar - 100950658
- Avnish - 101006704
- Kevin - 100956768

Background

Our team has selected to focus on Plastic Food Containers for our SCMT 1205 team project. The project will explore the supply chain management aspects of plastic food container production, distribution, and sustainability concerns. We will examine sourcing of raw materials, manufacturing processes, distribution logistics, market trends, environmental impacts, and innovations in packaging materials. Our final deliverable will highlight both opportunities and challenges within this sector.

Goals

- Examine and evaluate the entire plastic food container supply chain.
- Determine the important manufacturers, distributors, and suppliers that are engaged.
- Examine prospective technologies and sustainability issues (e.g., biodegradable plastics).
- Make a thorough PowerPoint presentation that summarises our results.
- Deliver a professional in-class presentation.

Scope

- Focus on North American market.
- Restrict your research to credible industry publications, peer-reviewed journals, and firm case studies.
- Examine no more than three significant businesses that are a part of the supply chain for plastic food containers.
- Explore both conventional and sustainable plastic materials.

Key Sources:

- IBISWorld industry reports
- Journal of Supply Chain Management
- Industry websites such as PlasticsToday.com

Project Milestones & Responsibilities**Project Milestones**

Milestone	Date	Assigned
Project Start	Week 1	All Members
Team meeting to finalize scope and assign responsibilities	Week 1	Rohit
Supplier & raw material sourcing research	Week 2	Bhavin
Manufacturing processes research	Week 2	Avnish
Logistics and distribution research	Week 3	Bhavin
Sustainability and environmental impact research	Week 3	Kevin
Compile research & draft presentation	Week 4	Umang
Internal review and practice presentation	Week 5	All Members
Final edits & submission to instructor	Week 6	Rohit
Project End	Week 6	All Members

Team Leader: Avnish

Budgets No monetary costs involved. Estimated team time commitment: 20 hours per member over 6 weeks.


Constraints, Risks, Dependencies, Assumptions


- **Constraints:** Limited access to proprietary industry data.
- **Risks:** Team member availability due to academic workload.
- **Dependencies:** Availability of up-to-date industry research.
- **Assumptions:** All members contribute equally and meet deadlines.

Consequences for Failing to Follow Procedures and Fulfill Expectations

- **First infraction:** Team discussion and verbal warning.
- **Second infraction:** Redistribution of tasks and notification to instructor if necessary.

Signatures By signing below, each team member agrees to the terms of this Project Charter:

X 
Bhavin :

X 
Rohit :

X _____
Avnish :

X 
Kevin :

Umang: 