# Lecture 3 Beergame App

Guide for Single User

**Dr Andre Samuel** 

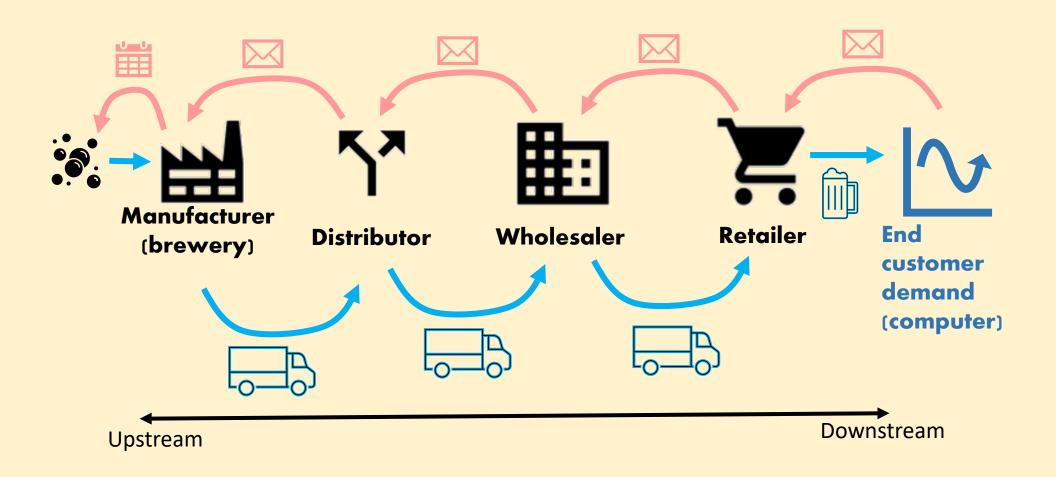
andre.samuel@sam.edu.tt

## Beer Game background

•The beer game was devised by Massachusetts Institute of Technology (MIT) to demonstrate the problems of managing demand and SCM.

- You will be balancing:
  - How to manage demand (being responsive)
  - Minimizing costs (being efficient)

# 4 tier beer supply chain



# The information you will have: Cost and delivery time info

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• Stock cost (inventory holding) = $0.50 per case per week
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• Back order costs (late to customer) = \$1 per case per week

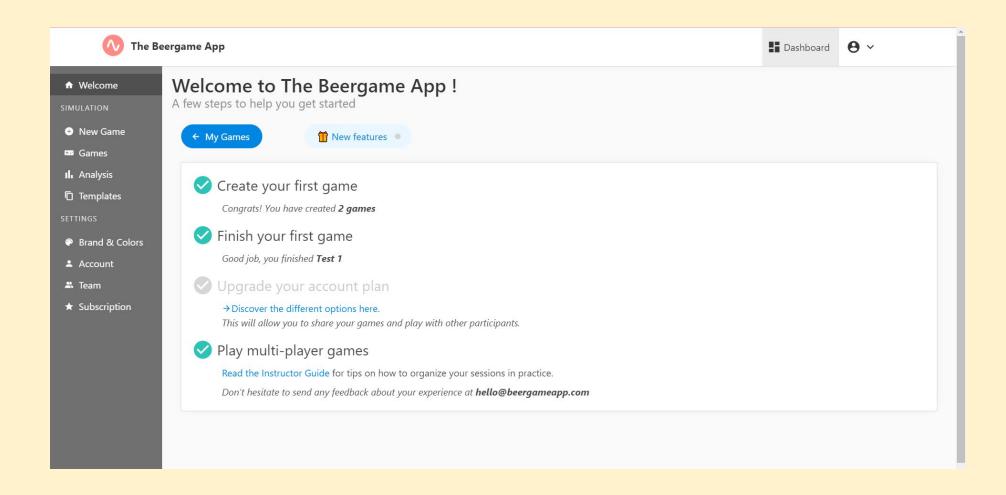
Delivery lead time

Order processing 1 week

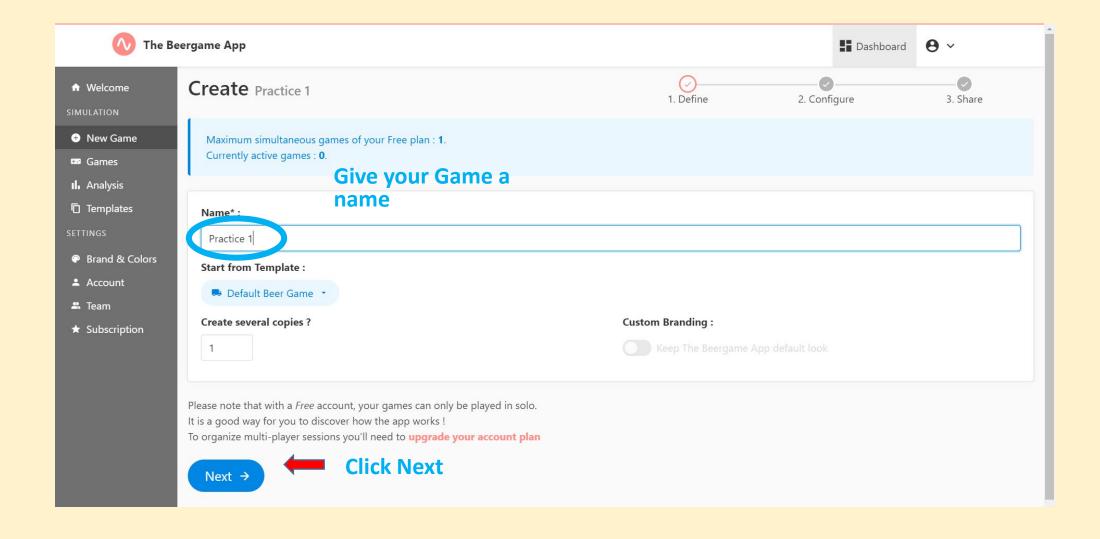
Shipping delay 2 week

Total delay? 3 weeks

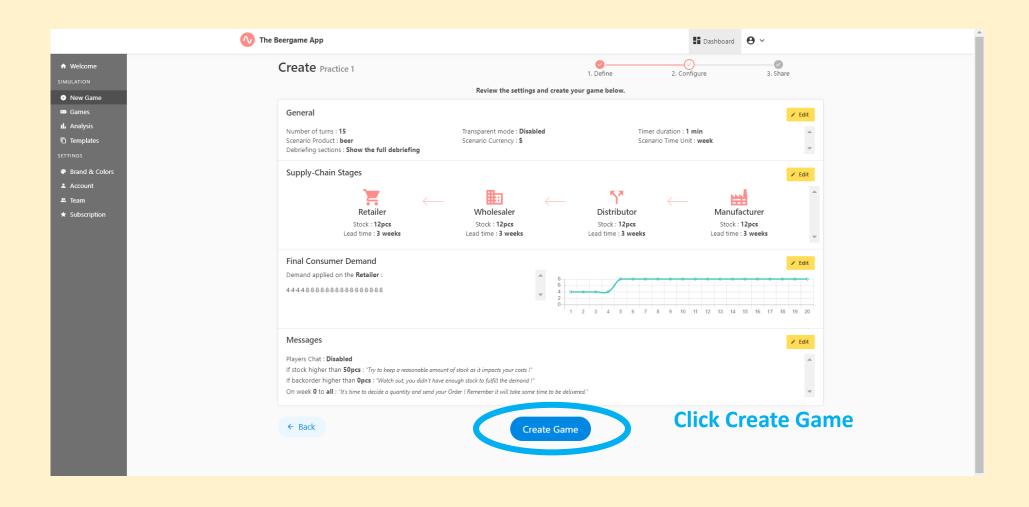
#### Welcome Screen



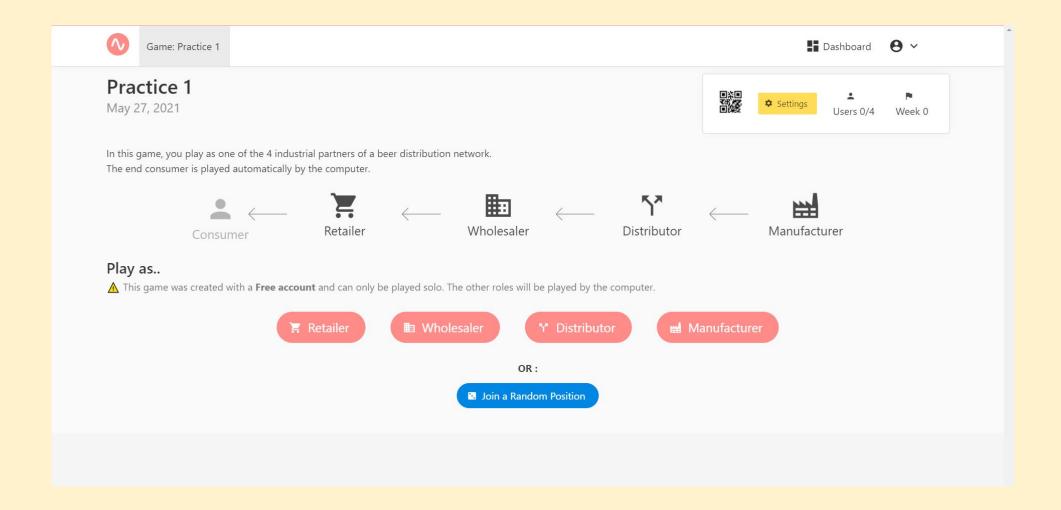
#### Create a New Game



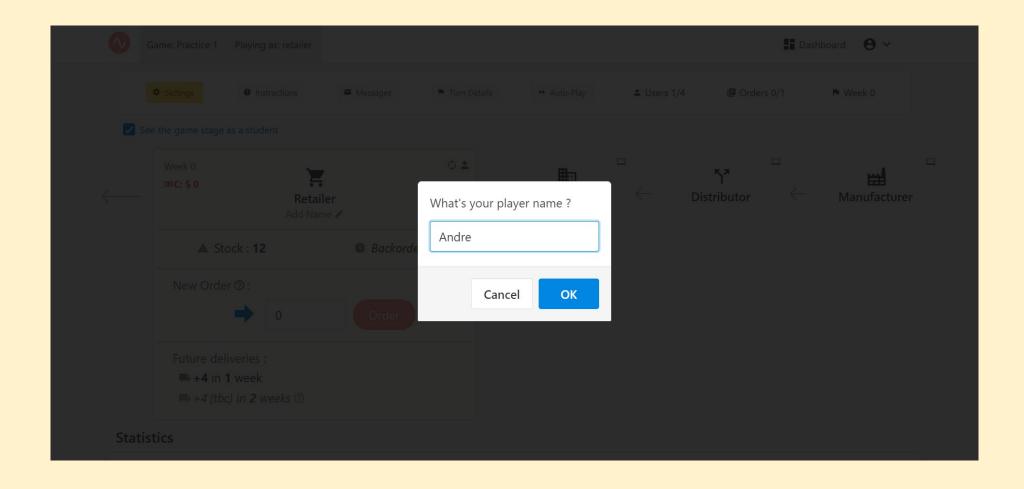
# Setup Game- use default for Practice



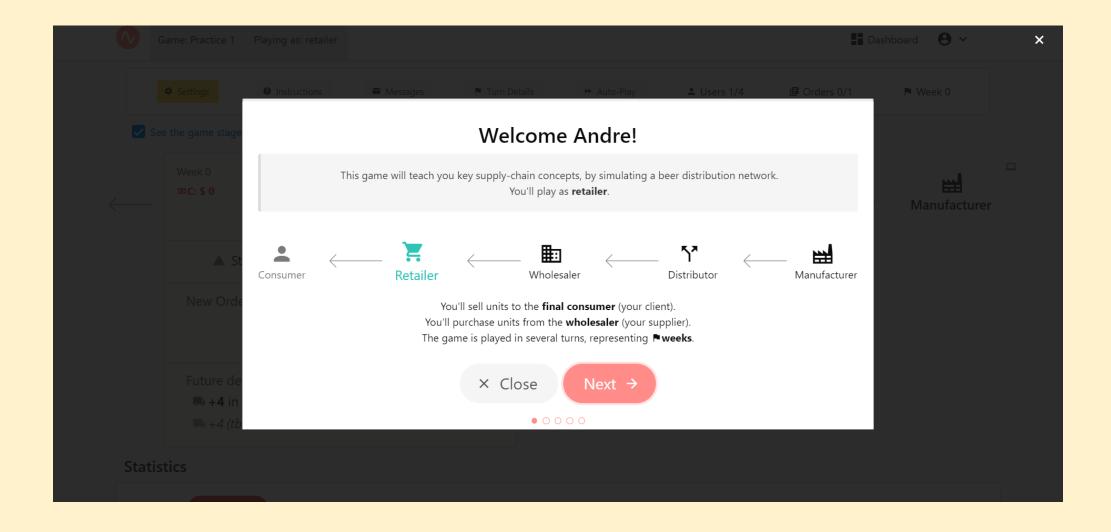
## Chose your Role



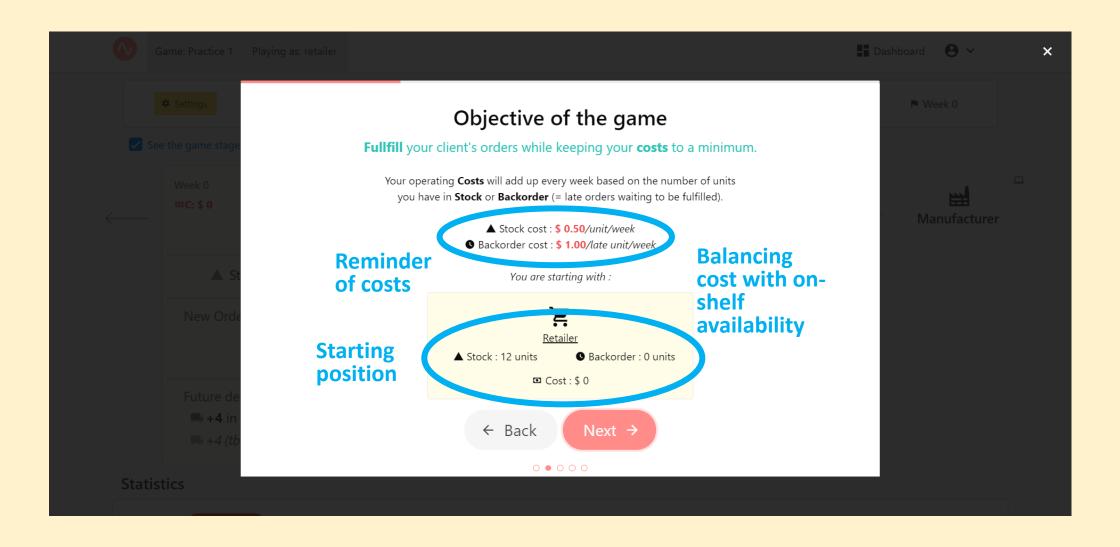
# Add your Name



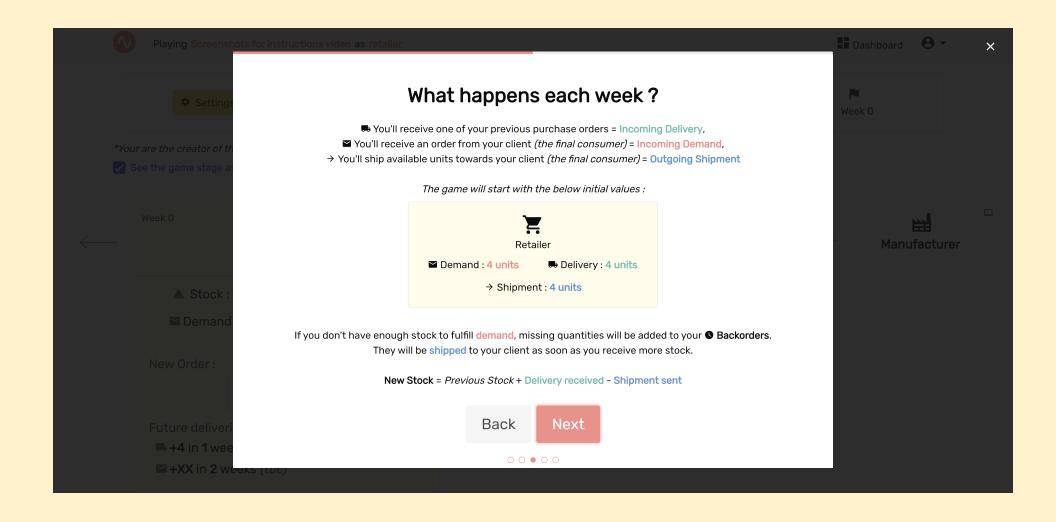
## Instructions: Clarifies your role...



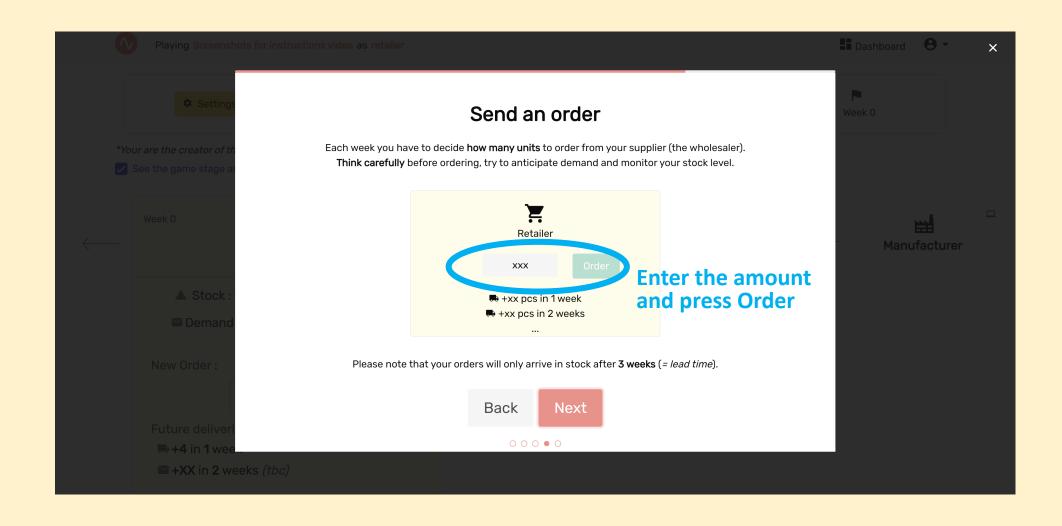
## Instructions: Objectives of the game



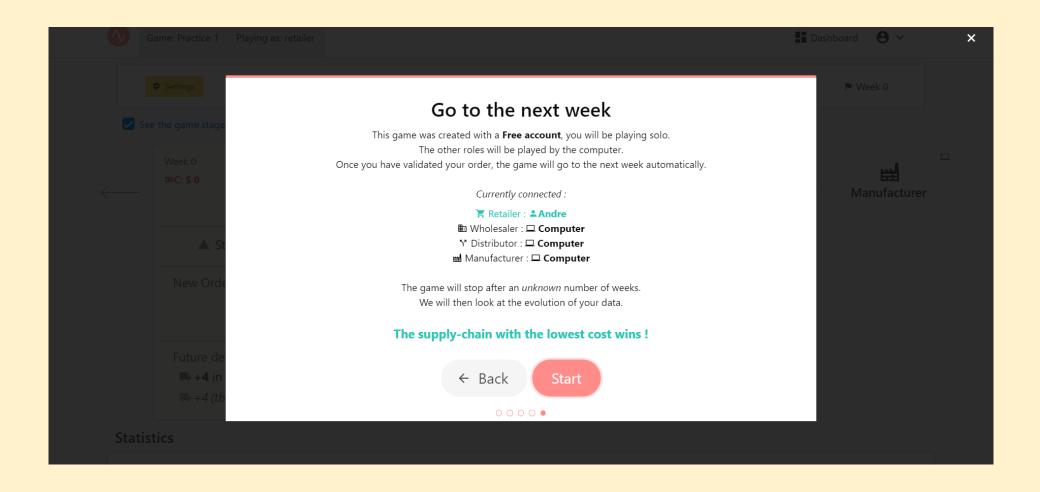
# Instructions: Game play each "week"



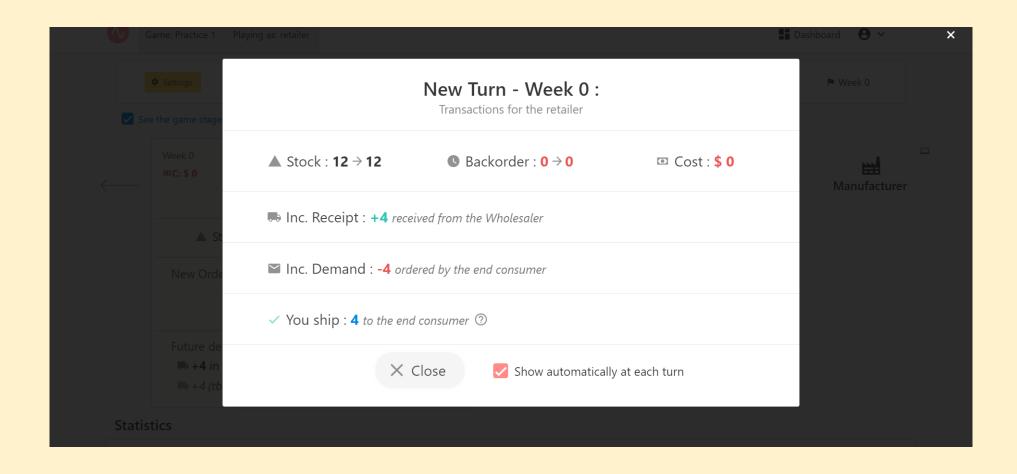
## Instructions: Decision making: your order



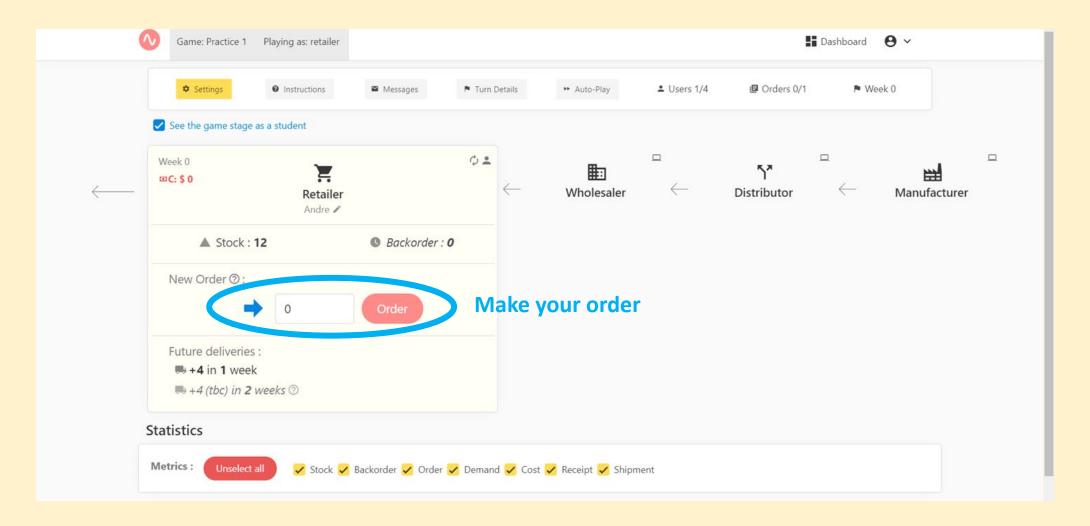
#### Instructions: Go to the next week



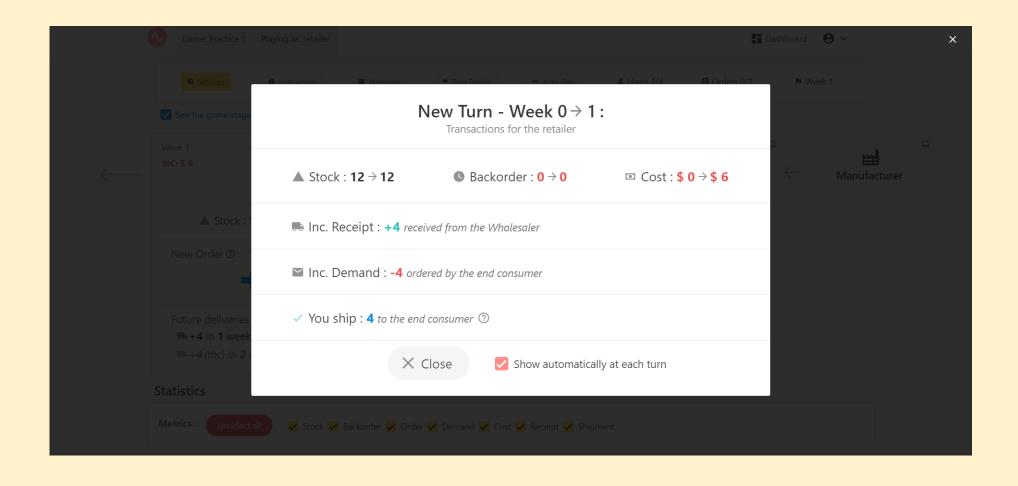
#### Transaction Screen- Week 0



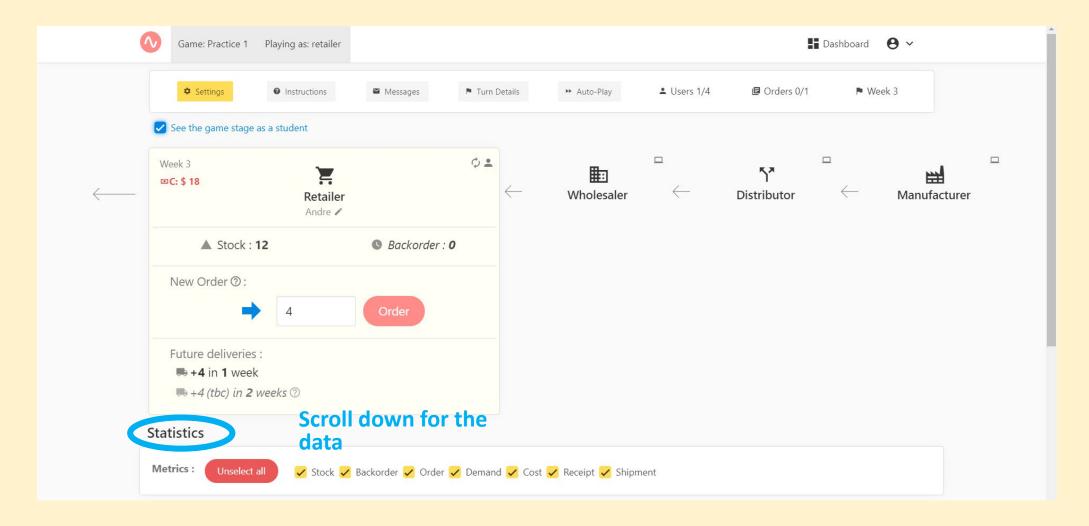
#### Game screen- Make an Order



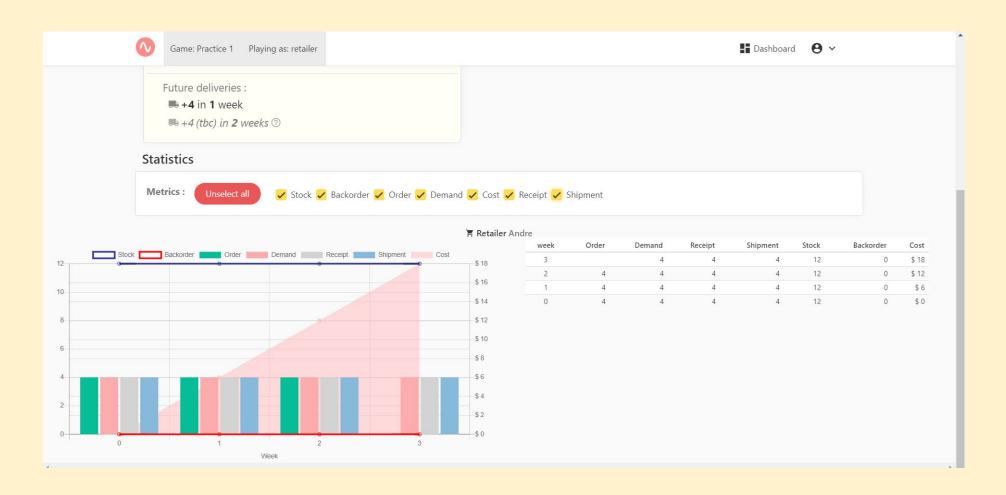
## Transaction Window After Every order



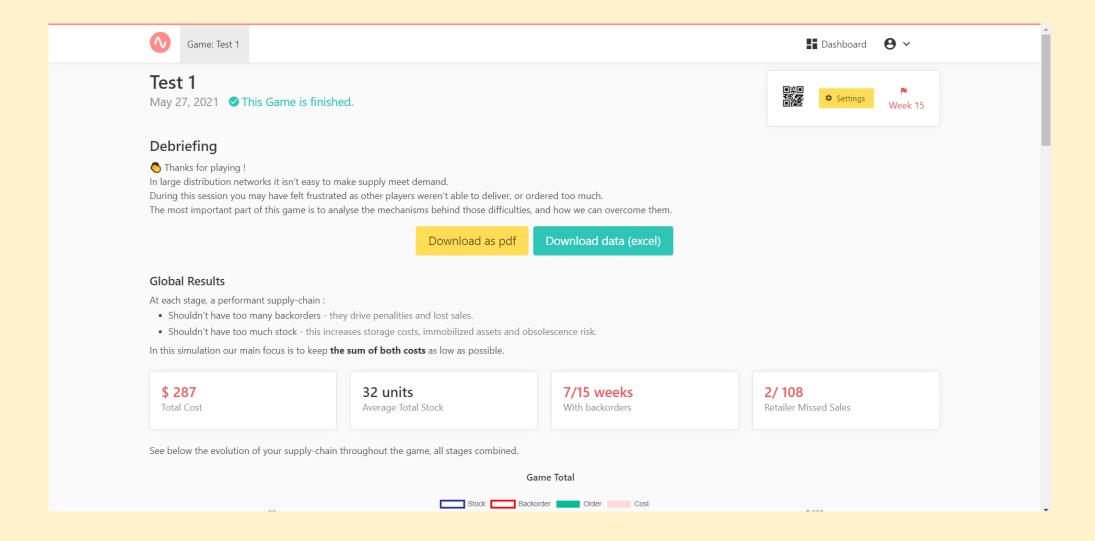
# Explore the data



#### **Customize Charts**



# Download Debriefing





- What difficulties arose?
- Did you need any more information?
- •What was the actual variance in end customer demand?
- What would you do differently next time?
- What strategy would be best?