

Simulation Games

University of Waikato | 2026

What Are Simulation Games?

These Games are interactive simulations where you and your team make real economic decisions in real-time. Each game features:

- ⏳ Timed rounds with countdowns (usually 3 minutes per round)
- 💡 Strategic decisions your team must make together
- 📊 Live scoreboard showing how all teams are performing
- 🎯 Real consequences based on your choices

How to Play

Step 1: Join the Game

- Scan the QR code provided by the presenter
- Enter your team's name when prompted
- Wait for admin to start the game

Step 2: Make Your Decisions

- Discuss strategy with your teammates
- Adjust sliders and make selections based on your strategy
- Read any scenario or event information carefully

Step 3: Save and Mark Ready

- Click 'Save' to lock in your decisions
- Check the 'Ready' box when your team is done
- Wait for other teams and the next round

The Three Games

Game 1: Build a Country

Manage a country's economy through policy decisions. Balance growth, employment, inequality, and public approval.

Your Decisions Each Round:

-  Tax Rate (10-50%): Higher taxes = more revenue but may slow growth

- Education Spending (10-50%): Invest in future workforce
- Infrastructure Spending (10-50%): Build roads, ports, utilities
- Climate Policy: Choose Weak, Moderate, or Strong

Metrics Tracked:

- GDP: Economic output and growth
- Employment Rate: Jobs in your economy
- Inequality: Wealth gap (lower is better)
- Public Approval: How citizens feel about your leadership

Strategy Tip: *Don't maximize one metric - balance is key! High taxes fund services but may hurt growth.*

Game 2: Beat the Market

Build and manage an investment portfolio. React to market events and balance risk vs. reward.

Your Decisions Each Round:

Allocate 100% of your portfolio across four options (must total 100%):

- Cash: Safe, but low returns (think savings account)
- Shares: Medium risk, medium reward (stocks)
- Cryptocurrency: High risk, high potential reward
- Bonds: Stable, predictable returns (government/corporate)

Market Events:

Each round features events like: Bull markets, crashes, interest rate changes, scandals, tech breakthroughs.

Scoring:

Winner isn't who makes the most money - it's who has the best risk-adjusted returns!

Formula: Risk-Adjusted Score = $(\text{Returns} / \text{Risk}) \times 100$

Strategy Tip: *Diversification matters. Don't put all eggs in one basket. Adapt to market conditions!*

Game 3: Crypto Crash or Boom?

Analyze cryptocurrency indicators and decide whether to buy, hold, or sell. Can you spot the crashes before they happen?

Market Indicators You'll See:

- Market Sentiment (0-100): How optimistic are investors?
- Trading Volume (0-100): How much buying and selling?
- Social Media Hype (0-100): Is everyone talking about it?
- Current Price & Change: Recent price movement

Your Decisions Each Round:

-  Action: Buy, Hold, or Sell
-  Risk Exposure: Set your risk level 0-100%

Special Features:

- Unexpected crash events can happen!
- Market manipulation scenarios
- Bonus points for good risk management

Strategy Tip: *High hype + low sentiment = warning sign. Don't follow the crowd blindly!*

Team Strategy Tips

-  Communicate: Make sure everyone's voice is heard
-  Manage time: Don't spend all your time debating - leave time to save!
-  Analyze patterns: Look at what happened in previous rounds
-  Have a plan: Don't just pick random numbers - have a strategy
-  Adapt: What worked last round might not work next round
-  Think critically: Don't copy other teams - they might be wrong!

What You Just Did

What you've done today might feel like a game — but it's the same type of decision-making economists, finance professionals, and fintech specialists do in the real world.

Today you played it as a simulation. In our programmes, we teach you the ideas and skills behind it — and how to apply them in the real world.
