

# Assignment 1

ENM140, Game theory and rationality 2017

Your assignment is to formulate a game that could serve as a basis for a project. The purpose is to initiate your thinking around games and possible projects. Some or all of the assignments will be the basis of a discussion in a lecture following shortly after submission.

## What to do

1. Formulate a game situation of a (preferably) interesting interaction situation. The game may be some existing game, a new variant of some existing game, or something that you invented yourself.
2. Identify the players in the game.
3. Describe the actions and possible strategies.
4. Suggest reasonable utility (payoff) functions.

Write down your answers in maximum half a page and submit as a PDF file by email to Rasmus, no later than Monday 6 November, 18:00. Make sure to write your name and CID or email address in the document.