

# Helping autistic children via robot interaction

## Group 6

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# Subject

- Autism
- Problem
- Project

# Objectives

- *Key objective:*
  - *“Support children with autism in society, by helping them to achieve social skills”*



# Objectives

- 1. Learn the user to recognize facial expressions
- 2. Learn the user to achieve skills in teamwork



# Objectives

- 3. Learn the user to respond appropriately to different kinds of behaviors
  - objective 3.1; Turn taking*
  - objective 3.2; Gaze behavior*
  - objective 3.3; Show interest*
- 4. Learn the user to adapt to changes



# Approaches

- Start with a literature study
  - *Find out what already exists*
- Interview specialists
  - *(e.g. Emilia Barakova + Jan Gillesen)*
- Find out what we can we add to this research field
- Implement a simple tool in the Nao robot

