



Understanding User Perception

Conducting Field Test

Usability Validation



HUMAN FACTORS

OBJECTIVE

- + To understand social interaction between humans and robots
- + To enable an effective human-robot interaction

ACTIVITIES

Human factors research focuses on how the robot should behave, how people will react towards it and what is required to attract and maintain a friendly human-robot interaction by engaging in the following activities:

- Usability Study
- Focus Group Study
- User-centered Design
- Cognitive Walkthrough
- Experiential Design

POTENTIAL APPLICATIONS

Social robots that communicate and move have potential to assist and entertain people in a variety of environments such as home, office, theme park, shopping centre and museum.