

# End Users' Information-sharing Behaviours and Preferences within a Multi-user Smart Home



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## Motivation



By sharing devices in a smart home, multiple users can access many types of information that are associated with shared device



There is a need to investigate users' information-sharing **behaviours and preferences** within a **multi-user** smart home.

## Research Questions

- What are users' perceptions on how their smart device associated information is being shared?
- What are users' information-sharing preferences within a smart home?
- What methods do users employ to restrict others from accessing their information?
- What challenges do users encounter in terms of sharing information and devices in smart homes?

## Findings

- Primary users usually conducted research on the smart home devices and consulted with their housemates before purchased the device.
- Primary users often took the responsibility of setting up the devices and made the rules of sharing the devices.
- Participants have a limited understanding of how their devices are being shared.

## Information that could be linked to smart home devices

