Middle top title: Sensor Based Access Control System
Middle top left: What is SBACS?

- SBACS takes the idea of a keychain and moves it to the cloud

- Manages many people having access to many locks

- Generalises the idea of a key to various sensors

Middle top right: Why SBACS?

- Instead of vulnerable physical keys, SBACS uses secure electronic keys

- Since your keys are stored on SBACS severs, you can't lose them!

- Your keys can be easily registered to be able to open any SBACS lock

Middle bottom left: SBACS as a Service

- A service provider would allow users to easily reuse their keys among many businesses

- This would also prevent users from having to sign up more than once

- This would also reduce the cost of hosting SBACS to companies, similarly to cloud computing in general

Middle bottom right: Credits

- Craig Shorrocks

- Jessica Morris

- Richard Perryman

- Supervisors: Prof. Shikareshi Majumdar and Prof. Chung-Horn Lung

- Special thanks: Michel Lemoux

Bottom left (under flow chart):

- Streamlines pickups, reducing overall number of steps to avoid shipping

- Greater security and improves user experience

Bottom right (under flow chart):

- Reduces potential problems with giving other people acess to the facility

- Improves peace of mind of users through multiple methods of keeping track of the contents