The Keycard App

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Description of Design

Ever forgotten your keycard and been locked out of your room? *Never again!*
Consulting/Analyzing

- After our interviews, we found that the RAs:
  - Empathize with students who have lost their IDs
    - Also believed that this taught students responsibility
  - Networks go down & it becomes a tedious situation for the RAs
  - It is expensive to replace ID cards
Design Process

- We first interviewed students living in our residence halls
  - Asking how technology has let them down in the residence hall but also how it can be fixed
- Compiled many suggestions
  - Landing on the idea that students really use their IDs to get into rooms, and they would like an alternative
- What could be an alternative?
  - Something that connects to the door (keypad)
  - App that takes a code for the student and unlocks the door from your phone
    - Tracking who goes in and out of the room at what times
Technology Needed

- Java
- Mobile phone
- HTML
- App Store
- Power Apps with Microsoft