100% Guaranteed Autonomous Check-in | Robo-Bellhop
Project Goals

- Easy, accessible to all. Any smartphone with NFC will do the job, regardless of price.
- Completely streamlined hotel experience, focused on the comfort and needs of the consumer.
- No check-in lines, no Bellhops.
- All functions integrated in one network infrastructure utilizing an app as a user-interface interface.
Autonomous Check In

- **Intel RealSense:**
  - Will be used to automatically recognize the faces of individuals entering the hotel, cross compare recognized faces with submitted ID picture (on app), all done with a natural walk-in.

- **Assist (An Integrated App):**
  - The hotel app will be able to automatically ping the closest employee available for service when requested by consumer.
  - It will also include in-app request based features, replacing the need for telephone based requests, and utilize “Ok Google”.

- **NFC:** Used to activate hotel smartphone application once consumer enters the hotel. Also can be used to unlock/lock rooms, etc.
Robo-Bellhop

- **Authenticate:**
  - Intel RealSense, NFC
  - Functions as a failsafe to walk in check-in, using 2-Level quick authentication.

- **Assist (An Integrated App):**
  - Carry luggage to room, and provide other essential functions (weather, directions, things that must be known, anything hotel sees fit).

- **Converse:**
  - Answer questions about hotel while waking guest to room, etc. (Alexa)
Team Members

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