Amazon - IR Blaster

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Definition of Done (DoD)

Definition of Done checklist for a User Story
1. All tasks relating to the User Story is completed
2. All Unit Tests Passing
3. Functional Tests Passing
4. Non-Functional requirements met
5. Code Reviewed by Product Owner
6. Product Owner accepts User Story

Definition of Done checklist for Sprint
1. Complete sprint report
2. DoD of each single User story, included in the Sprint is met.
3. The product backlog is updated
4. All unit tests passing
5. All bugs fixed
6. Product Owner approves sprint for production deployment

Definition of Ready (DoR)

Acceptance Criteria

1. The user connects to Alexa successfully after connecting their amazon account to the skill.
2. The user has sufficient examples of commands to say to Alexa and the definition of each command and what function that command triggers.
3. Alexa is able to connect to the local Raspberry Pi controller and the Raspberry Pi controller is able to Turn On and connect to the wifi and start our server.
4. The Raspberry Pi server is able to receive Intent Requests from the Alexa Cloud and respond with the appropriate response and perform the intent correctly.
5. The Transmitting Intent fills the right slots handler and the handler finds the right device.
6. The Transmitting Intent configures the device to the right mode for sending.
7. The Transmitting Intent matches or IDs the action and attribute slots correctly to the button name list and can return a response to try again if the button is not trained.
8. The Hold intent fills in the times slot and pushes that button that many times.
9. The Set Up Intent saves the location and device name and buttons trained.

10. The Set Up Intent searches for your remote's configuration files in an online database and downloads a good match or starts the training.
11. The Set Up Intent starts the LIRC record software process and communicates the instruction to the user through Alexa.
12. The Set Up Intent copies the downloaded or custom control file into the lircd.conf.d which is a sudo directory using the SH file that runs on sudo.