



Start Date :
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UC08_Add Led

Use Case Name	UC08_Add Led
Scope	Arduino code
Level	Add sensors to box
Primary Actor	Participant
Stakeholders	Participants, clients, devs, future devs & future participants
Preconditions	The box is power supplied and the connection code implemented
Postconditions	The box is fading in and out when connecting and when button pressed

Main Success Scenario

- the participant connect the led to the right pins
- the box is power supplied
- when connecting (or rather deploying its own network) the led fade in and out in a blue shade
- the participants connect the box to the right network
- from the backend the participant can choose a color for the box
- the box code updates with the new color
- when the button is pressed, the box fade in and out with the correct color

Extensions

- the box can fade in and out when resetting

Special Requirements

- the fade in and out should look natural, like a life breath giving the box more personality
- the dev should be aware that some colors will not appear properly if they are opacity high

Technology & Data variation list

- arduino code, backend, frontend, database mysql, node mcu, led strip

Frequency of Occurrence

- very often !