

## the Aware Home

# Automatic Blind and Light System

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### About This Project

This project uses simple sensors and actuators to maintain the optimal lighting for a room that is also energy efficient. Light sensors detect what the current light settings are for the room and motion sensors detect if people are in the room. This information is combined with the time of day to determine the optimal light setting. Actuators automatically adjust the lights and the blinds to obtain the optimal light setting. This can save residents time by adjusting the lights for them, and save energy by turning off the lights if no one is there.

### Next Steps:

We are looking into how this system will scale to cover the entire first floor of the Aware Home and look at providing a more usable and scalable Graphical User Interface.

