

Assignment 3: Feedback and Constraints

FEEDBACK AND CONSTRAINTS :-



Location: A-1 Building

Description: Utilizing a fingerprint scanner as a "feedback and constraint" mechanism involves using biometric recognition to provide secure and personalized access (feedback) while also imposing limitations on unauthorized entry (constraint) to enhance security measures and user experience.



Location: PICT Canteen

Description:

Paytm Soundbox

Implementing a Paytm soundbox as a "feedback and constraint" concept involves utilizing audio cues to offer transaction feedback (feedback) while also limiting the reliance on visual interfaces, catering to diverse user needs and enhancing accessibility (constraint).



Location: A-1 Building, 1st floor

Description:

Incorporating a fuse with a light indicator serves as a "feedback and constraint" system by visually signaling the presence of power supply (feedback), while also enforcing a safety mechanism by breaking the circuit during electrical surges, ensuring equipment protection (constraint).



Location: A-1 Building, 1st Floor

Description: UPS

A generator provides backup power during outages by automatically starting its engine, while utilizing a fence around it exemplifies a "feedback and constraint" approach, enhancing safety awareness through visual indicators and limiting unauthorized access.



Location: A-3 407 Classroom

Description:

Using a fingerprint scanner as an attendance machine showcases a "feedback and constraint" model: it provides efficient and personalized attendance tracking (feedback), while also imposing a biometric constraint to prevent fraudulent entries, enhancing accuracy and accountability (constraint).



Location: Home

Description:

Configuring a phone to vibrate for messages and calls represents a "feedback and constraint" strategy: it offers tactile alerts for notifications (feedback), while also limiting disruptions in quiet environments by not generating audible alarms (constraint).



Location: Home

Description:

Fuel Indicator's

Incorporating fuel indicators on vehicles showcases a "feedback and constraint" approach: it provides real-time information about fuel levels (feedback), while also imposing a constraint by alerting drivers to low fuel, encouraging responsible refueling to prevent breakdowns (constraint).



Location: Home

Description:

Torches

Including charging indicators on a torch exemplifies a "feedback and constraint" model: it offers visual cues of battery charging status (feedback), while also limiting unnecessary charging by signaling when the battery is fully charged, promoting energy efficiency and prolonging battery life (constraint).

CONSTRAINTS:



Location: A-1 Building

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Location: PICT Canteen

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