NFC Stickers

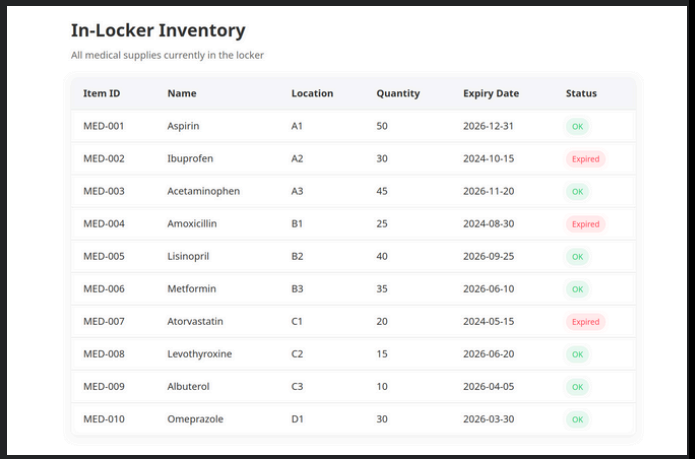
This system takes a small NFC sticker and adds it to supplies. When the sticker is placed next to our program, it can be edited within the system. If it is not found already, it will be added to the system.

Database

Displays the current quantity and expiry date. In addition to showing them, it will allow changes to the running value of expiry data/quantity and allow soft deletion (easy data recovery).

AI Assistant

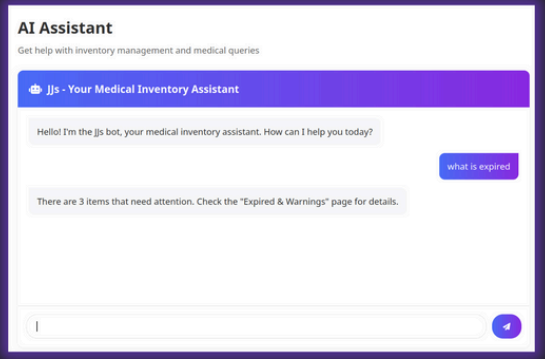
Our Medical AI is an intelligent chatbot that helps healthcare teams effortlessly track medical supplies by providing real-time inventory visibility, expiration alerts, and locker history.



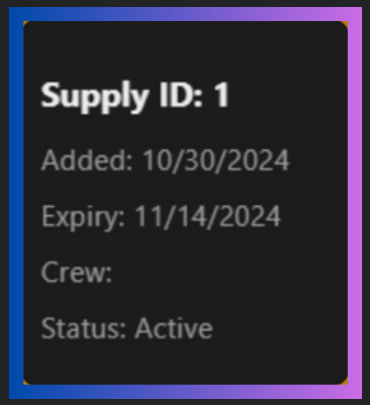
CHARLIE - JOSIAH - JAC

INSTRUCTOR: ZACHARY FLOWER

Warren Tech Colorado



Medical Inventory System

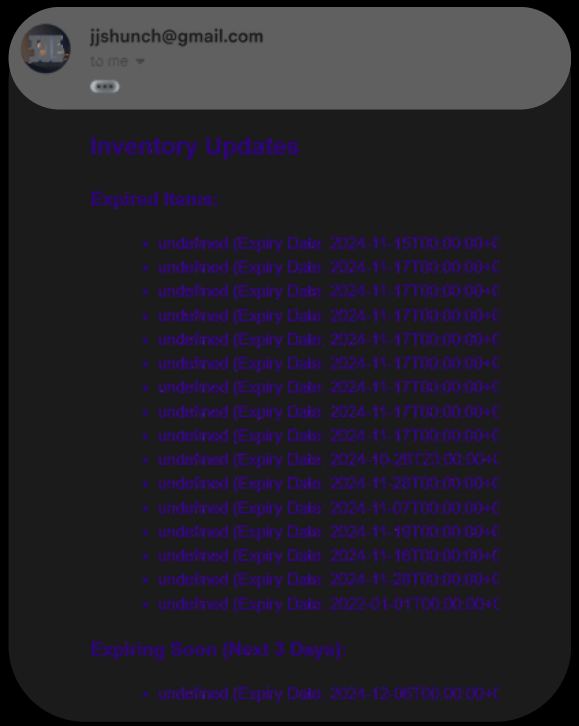


When an item is scanned and removed, the system logs who took what and when for full accountability. Users can also view and edit locker contents and details, ensuring everything stays organized and up-to-date.

Supply Table

Id	Type	Item Name	Strength/Volume	Route Of Use
1	Test	Fluconazole (Diflucan)	150 mg	Oral
2	Test	Diphenhydramine (Benadryl)	25 mg	Oral
3	Antihistamine	Fexofenadine (Allegra)	180 mg	Oral

When supplies run low or reach their expiration date, an automatic email alert is sent directly to Ground Control. This ensures our team can quickly arrange for fresh supplies to be sent to our astronauts, keeping them equipped and focused on their mission.



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