Make like a Robot and Get with the AI Program.

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McKinney Public Library System

5/10/2023

Agenda

Introduction

Brainstorming

Installation

Advancements

Stats

Summary

Introduction

- On September 2022, we unveiled our new staff members which happen to be two robots. But it starts much earlier than that…some could say it was a dream or others call it brainstorming.

Brainstorming

"How can we automate?"

A Tired Process.

Old Book carts

Find Book carts

Move Book carts

Reset Book carts

Installation

"Rollout the Robots."

Robot Installation

- Orionstar provided two robots and in-house installation.

- Robots were manually moved around the area to generate the building map through LiDAR.

- Spots or collection areas populate the map to tell the robot where to go.

- Pathways are for route management.

Robot Timeline

After three weeks of demos in the library, our purchased robots arrived.

We have trial access to the voice recognition controls for patron interaction.

Physically branding the robot to more McKinney style and pushing for possible ILS features.

| Arrived (9/2022) | Redesign(10/2022) | Improve (2/2023) | Named(3/2023) | Next? |

One robot is for book cart cruising and we changed the second robot to guidance.

City did a naming contest of robots, L.U.C.I. and N.I.G.E.L.

A Fresh Process.

Robot Book carts
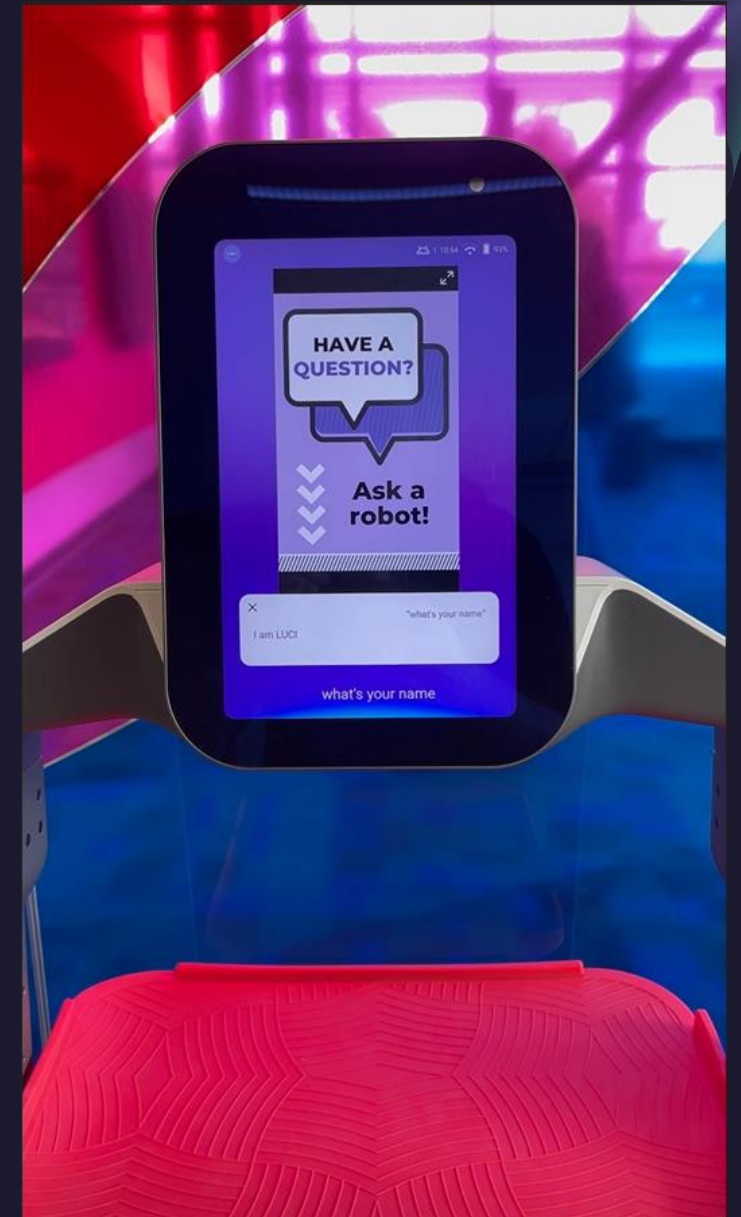
Cruising Book carts

Move Book carts

Reset Book carts

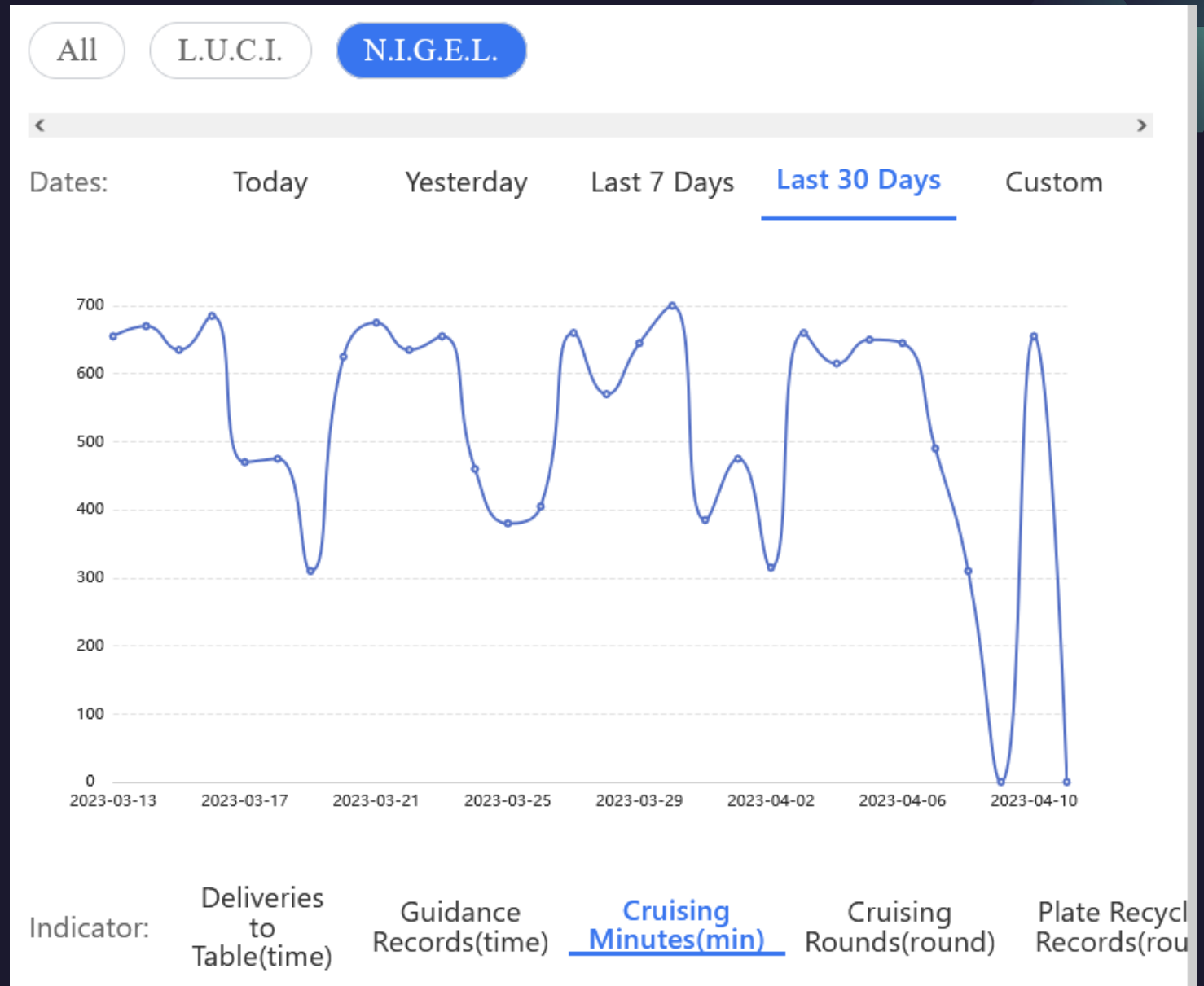# Advancements

"Robots Two-Point-Zero."

Robot Improvements

- NIGEL, second robot guides patrons. It has three tiers for patrons to leave unborrowed materials.

- We are working with Orionstar for more development.

- Adding more in-depth collection spots, such as breaking out more non-fiction numbers.

- Unlocking more complex voice interactions and custom screen avatars for our library instead of the stock options.

- We will add vinyl decals with their names and graphics to make them more unique.

HAVE A QUESTION?

Ask a robot!

I am LUCI

"what's your name"

what's your name

Robot Stats

Robot Stats

Summary

We went outside the box and found something other libraries are now asking to replicate at their libraries.

Thank You

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