

# ACY Learning Assistants

- Eunice Ochieng
- Catherine Gichina
- Yvonne Katama



## Background Statement.

- ❑ We noticed that the students at AkiraChix are being over dependant on the present assistants. The teaching assistants therefore experienced an intense burnout as they were forced to attend to each and every student despite having their own personal work schedule.
- ❑ We therefore thought of ways to improve learning efficiency through introducing a tool designed to create a well structured student through learning interaction, assessment and evaluation. This tool will enable students to learn more on their own through robotic assistants and solve more problems individually as opposed to having physical assistance.
- ❑ Our tool will directly benefit students as this will bring about efficiency in learning, reduce human contact during the 3rd wave of the pandemic and support teachers in the class environment.
- ❑ We therefore believe these robotic assistants that we'll create will be of much help to both the students and training assistants.



# Problem Statement



How might we come up with a tool that improves the learning system of students to reduce over-dependence on the present teaching assistants.



## Possible Solutions

- ❑ Hire more training assistants to cater for each student.
- ❑ Assign class prefects the role of teaching assistants.
- ❑ Have online training assistants.
- ❑ Train students to be teaching assistants.

## Main Solution

- ❑ Come up with a tool which will be used as a teaching assistant to support teachers and students in class. (**Robotic assistants**)



“

## Context.

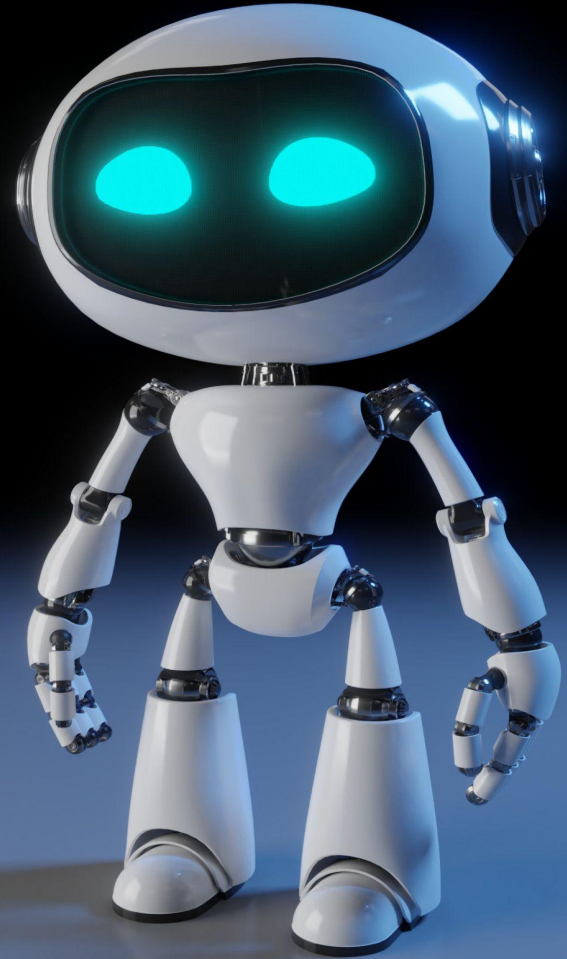
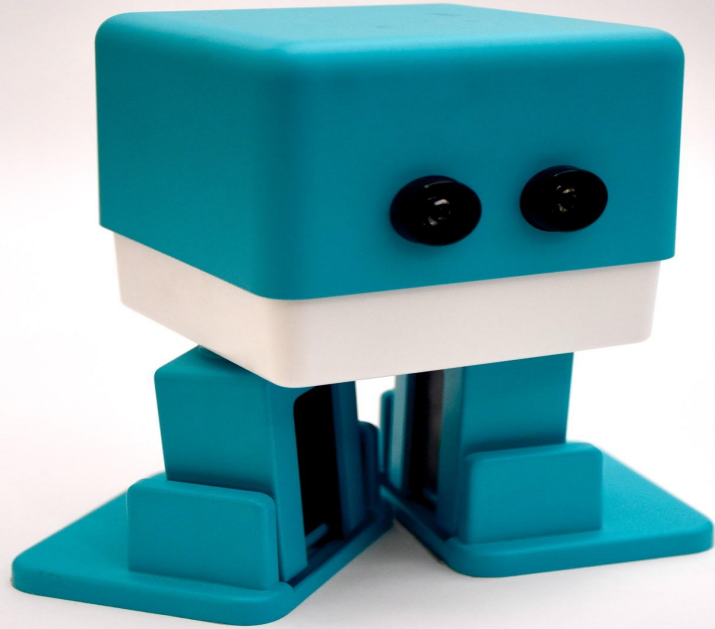
- ❑ We are solving the problem in a residential school environment.
- ❑ The school environment is a tech based school.



## Constraints.

- ❑ Insufficient finances to purchase and maintain the robots.
- ❑ Lack of enough knowledge to programme the robots.
- ❑ Insufficient training and skills to operate it.
- ❑ Lack of trust from fellow students to embrace the robotic assistants as part of the class routine.
- ❑ Lack of proper infrastructure to store and maintain the robots





# Thank you!!

