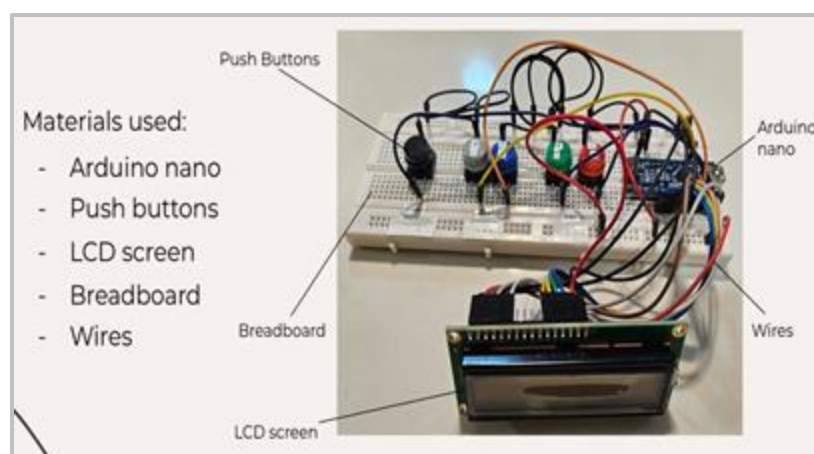
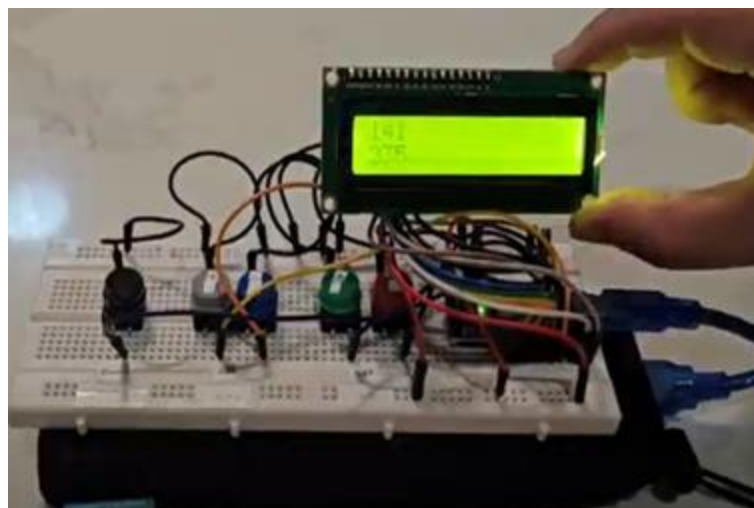


# Smart Bus Stop Flagging System

## Our Technology Story

Our project tackles a common issue in Singapore: commuters missing buses because they cannot flag them in time. We developed a reliable bus flagging system that allows users to select their bus and display the number on a screen for drivers to see.



## Technology Features

Our product consists of a breadboard equipped with buttons, an Arduino Nano chip, and a screen. Commuters select their desired bus and press the "Done" button, which then displays the bus number on the screen. When the bus arrives, a button is pressed to update the screen and clear the request.

## Potential Applications

As Singapore's population ages, more elderly individuals are experiencing mobility challenges. Our product aim to enhance the convenience and accessibility of bus travel for everyone- including those with mobility issues, the elderly, and commuters who may be distracted by their mobile devices.

### Student Researchers



Peh Zhi En  
201



Sarah Ann Teo Zhi Rui  
201



Zara Sophia Binti  
Ahmad Fairuz  
201

### Teacher Researcher



Mr Joshua Lee  
Physics



*Filiae Melioris Aevi – Daughters of a Better Age.*