

TakeFive

BOOK
BOT

Features

Returns books

Obstacle Avoidance

Noise regulation

AI recognition via camera

Aimed At

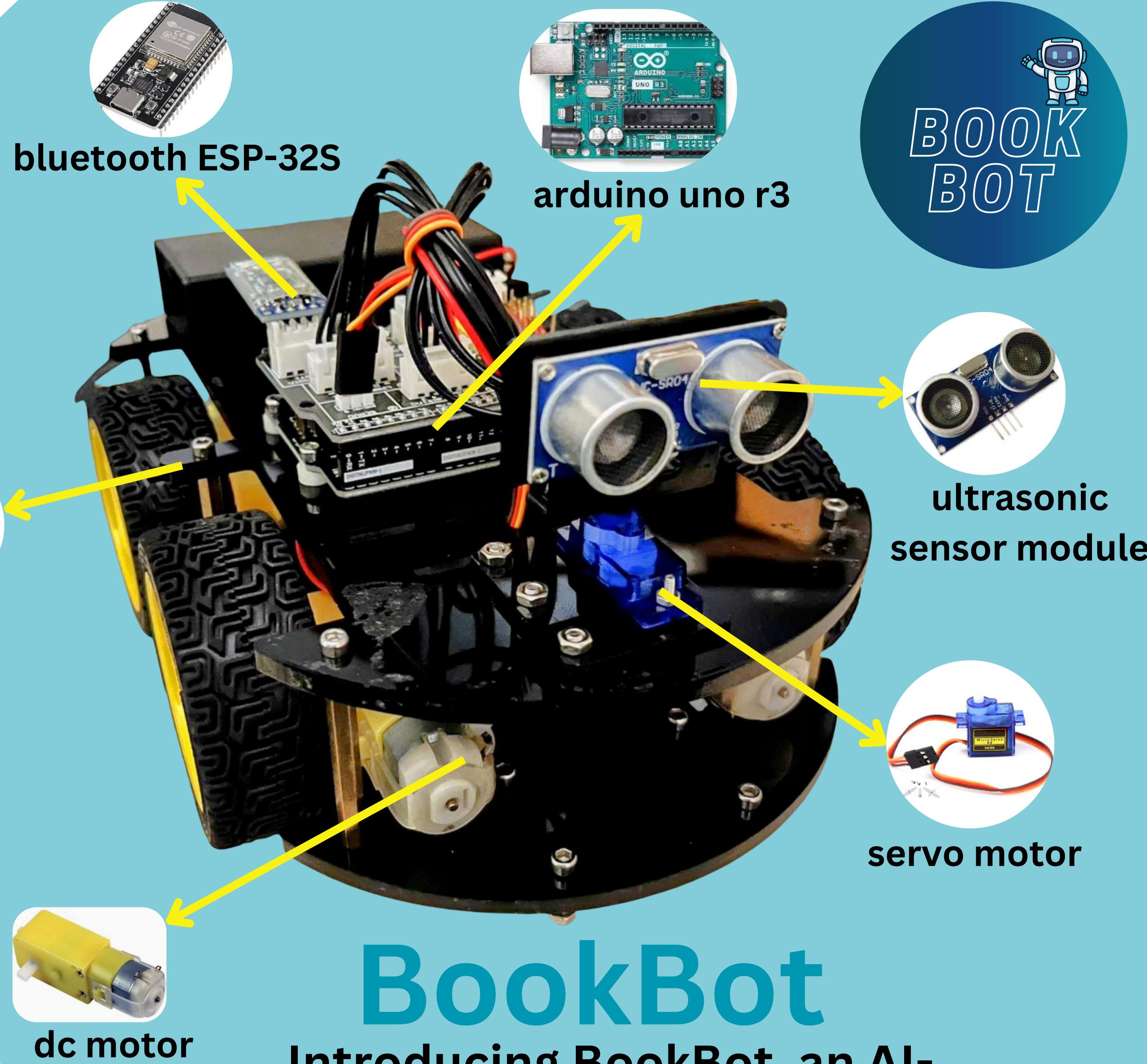
Library Staff

Library Users



Research

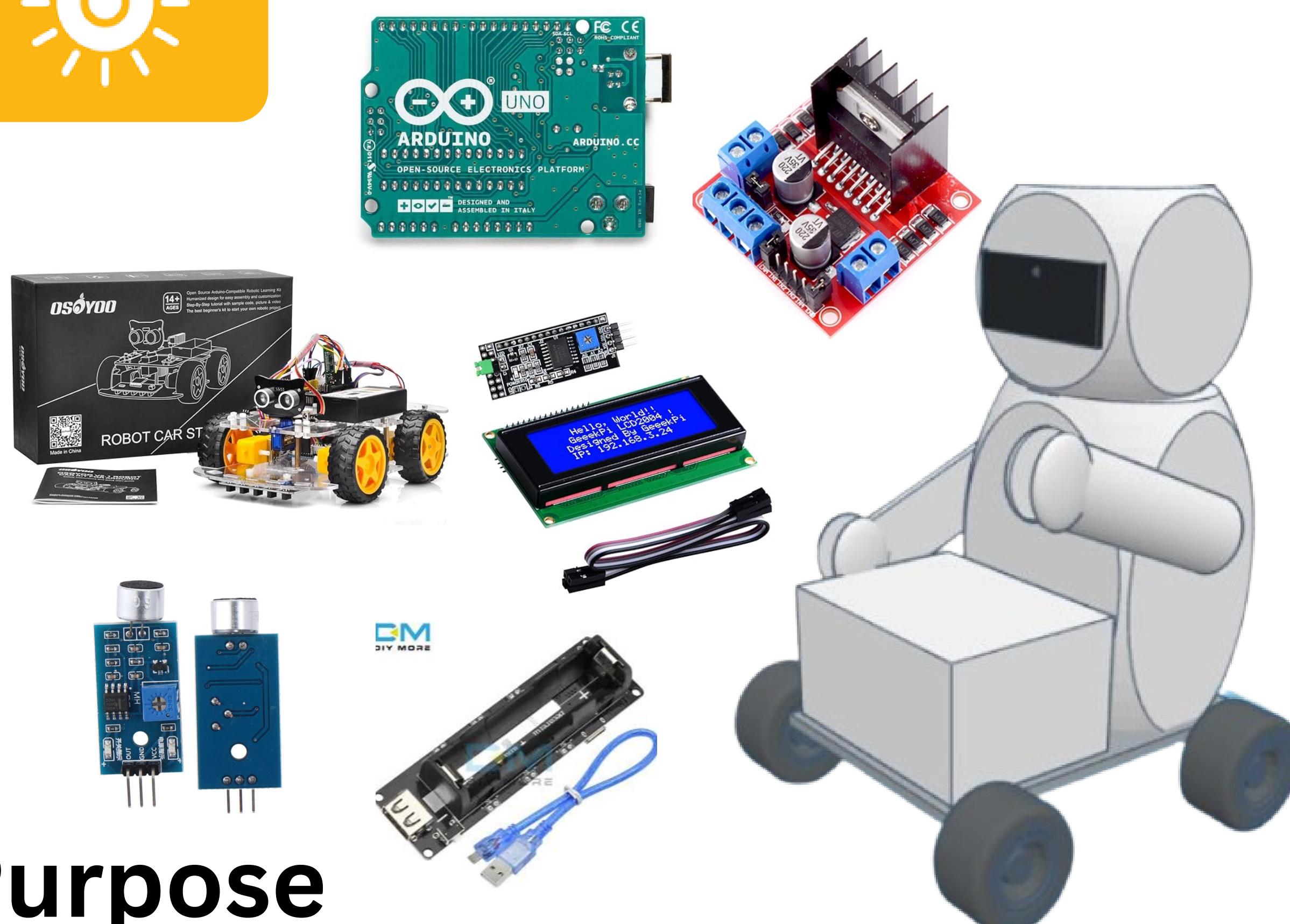
Librarians are known to have the daily task of reshelfing books all around the library once books have been returned.



BookBot

Introducing BookBot, an AI-equipped wheeled robot designed to enhance library operations.

Main Components



Purpose

BookBot aims to automate library operations, reducing the time librarians spend on physical tasks, allowing room for breaks and more productive work, ensuring the library experience is at its best. BookBot will help return books to their designated places as well as provide noise regulation aided by a sound sensor to create effective study zones.



BIRMINGHAM CITY
University



Teachable Machine

Imogen, Valeria, Jasmine, Disha, Sehem