Database (node.js)

Parser (python + libraries/apis)

Barcode scanning code (python + libraries/apis)

Camera & interface (html/css/javascript + android)

Putting bag in

Barcode scanning code 🡪 parser 🡪 part name 🡪 find empty location in database 🡪 assign part name to location in database

* Spin motor based on location
* Light up respective LED

Retrieving bag

Type/search/”okay raphael” for part (interface) 🡪 look in database 🡪 find respective location

* Spin motor based on location
* Light up respective LED