

Automated Kitchen.zip

- Bulk
 - All the prototypes of our bulk containers made/worked on by Benjamin
- Cooking
 - Files of our cooking station before it was taken out of the project
- Transportation
 - All the files of our transportation system models
- Vessel
 - Prototypes of our trays before they were no longer a part of our project
- Assembly
 - The assembly of the final bulk containers and the holder made by Nicholas
- Full Render
 - The final assembly of our final design
- Extra files
 - Files worked on by Nicholas to be included in the final assembly

GNG1103.zip

- Bulk Containers:
 - All of the prototypes of our bulk containers made/worked by Nicholas.
- Misc:
 - Any small part that was needed to be printed.
- Render:
 - The pieces used to render the final assembly of the bulk containers being held and its render.
- Sauce:
 - The prototypes for the sauce holder.
- Split Bodies:
 - Prototypes cut into pieces to be printed.
- Tray:
 - A prototype of the tray.

RFID.info

This was the code that was used to run the Prototype III

How the system works?

When the tray goes under the food dispenser, the RFID is tapped and if the order is written on the tag, the food dispenser will dispense the food. If not, the tray will move along until it reaches the next food dispenser. Each dispenser has an RFID that reads the tag on each tray. If the ingredient is needed, the motorized door will open to dispense the food.

Here is a demonstration of the function of the system:

https://www.youtube.com/watch?v=LbTsS4X_sLY&feature=youtu.be