



A caterer for your every need
Group 9

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Our Product

- RObotic SErver (ROSE)
- Performs certain waiter responsibilities
 - Customer requests items through web application
 - Order is sent to the database using Flask
 - ROSE checks for and takes the order from the database using the Mongo C++ Driver
 - ROSE delivers the requested items to customer

Target Market

- Restaurant owners
 - Reduce the need for waiters
 - Increased efficiency of streamlined tasks
 - Ordering
 - Delivering
 - Cost-efficient
 - Median Annual Wage for a Waiter – \$19,500 (bls.gov)
 - ROSE (prototype) + negligible maintenance – \$2,000

Moving Forward

- Autonomy
 - Inverse Kinematics
 - Localization
 - Planner
- Manager Interface
 - Control of and tracks robot for intervention and monitoring
- Functioning User Interface (UI)
 - Additional and or more streamlined system
- Improved computer vision (CV)
 - Image recognition testing