Group 4
Restaurant Automation
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Mission

- Increase sales revenue with better management tools
- Improve customer experience with rating system and favorite feature
- Increase efficiency in employees with messaging system
- Overall allow anyone to easily use one application
- Build up the customer reputation of the restaurant that uses Why W8

Features

- Ease of use of application for customers
  - Minimized number of 'clicks' for fast delivery of goods.
- Rating system
- Favorite Feature
- Management interface includes "Stat Tracking" to visually represent inventory and customer traffic
- Employee Interface has messaging system along with food and table status checking

Algorithms & Implementations

- Server/UI (Frontend/Backend)
  - Android Studio
  - Java
  - Firebase
- Chef Queue
- Table Reservation

Quality Assurance & Security

- Reliability & Customer Satisfaction
- Credential Tracking
- Security via Hashing
- Order Confirmation
- Limiting Security Holes
- Technological Advances

Future Plan of Work

- Clock-In and Clock-Out features
- Fully fledged QR scanning for table confirmation
- Message Center for improving Employee Communication
- Contact Us page