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# ARAMARK INTEGRATION

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# CONTACTING ARAMARK

- First Steps
- Difficulties securing a connection

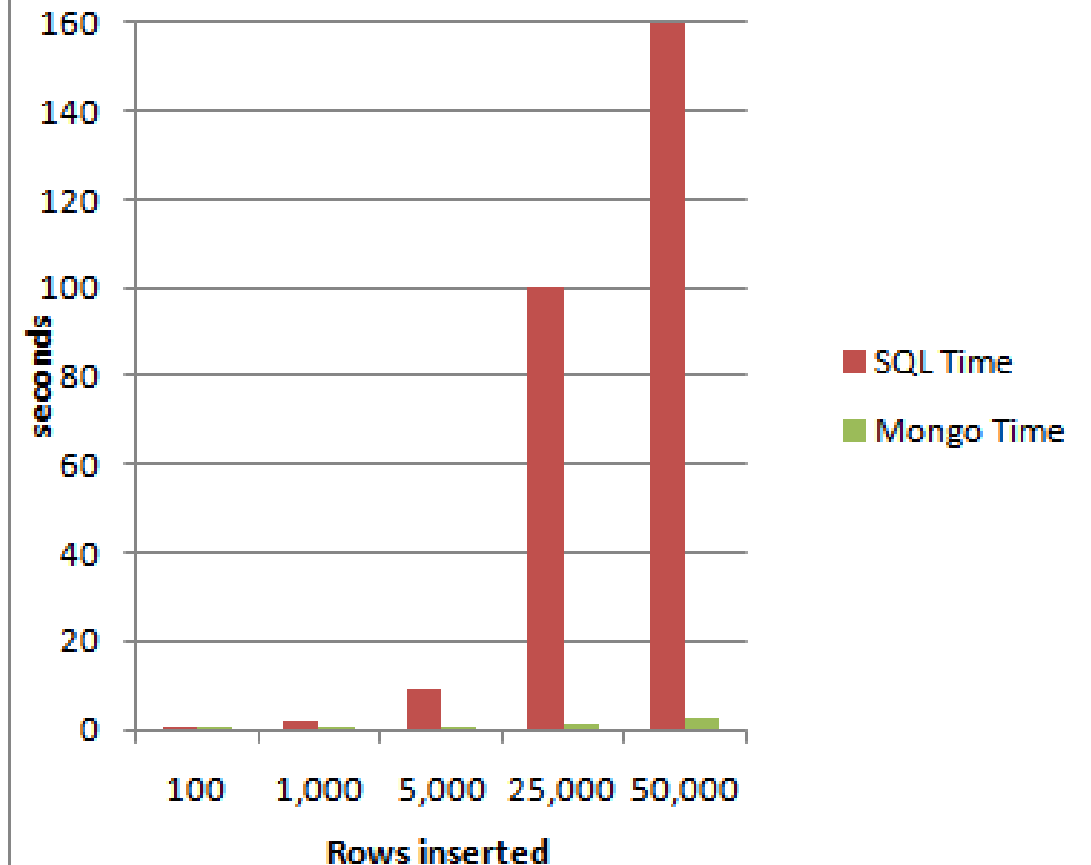
# CONSTRUCTING DATABASE

- Chose MongoDB
  - No-Sql (not like traditional databases)

Sql (traditional) X X	No-Sql ✓ ✓
Fixed	Dynamic
Vertical Scale (1 server; limited)	Horizontal Scale (multiple servers; unlimited)
SQL communication	Modern Communication JSON

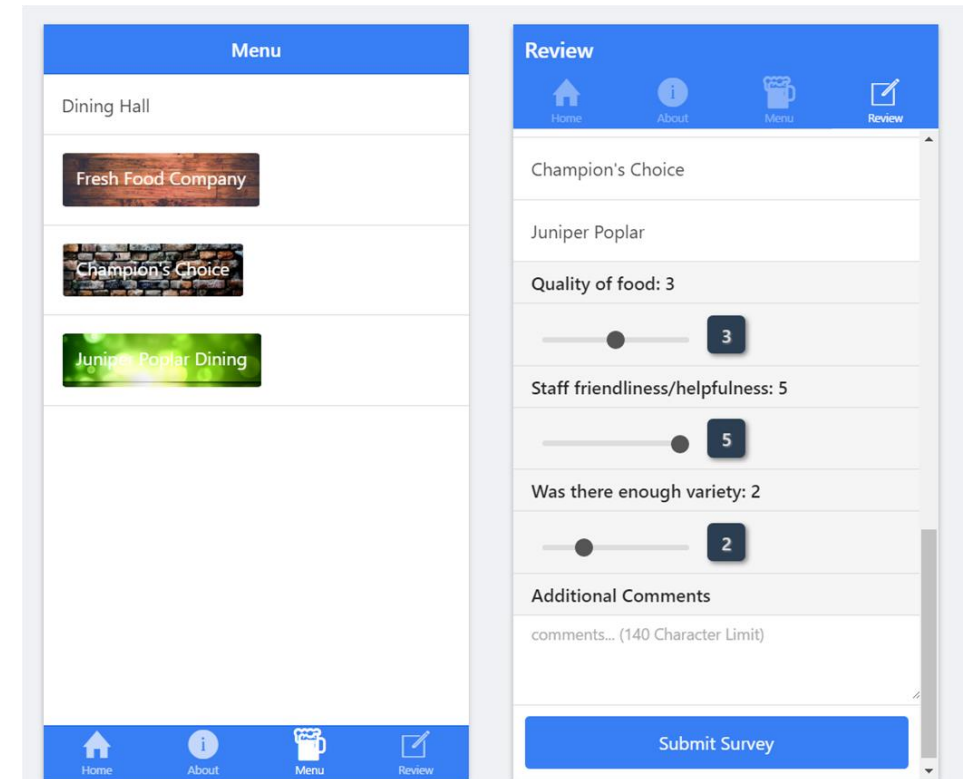
- Dynamic and rapid scaling
- Why is that good?
  - Real Time Data
  - Reflexive handling of student input
- Schema designed for easy future adaptability
  - Can change survey questions at a whim

**Basic Insert (smaller is better)**



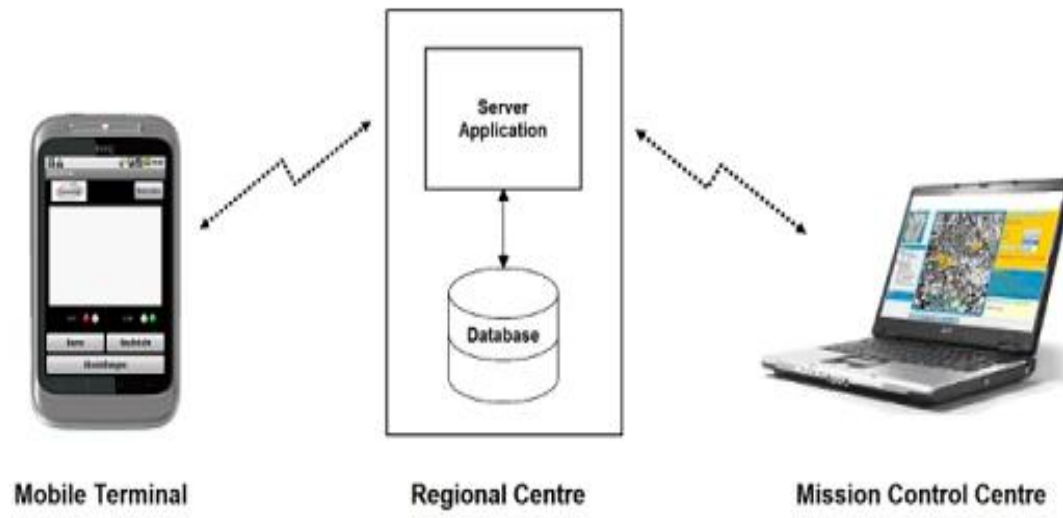
# SMARTPHONE APP: DINE-A-BULL

- Tackles problems of “Your Voice Counts” Survey
  - Is mobile friendly
  - Promotes fast survey data collection
    - Ex. I just found a bug in my food
    - Ex. This recipe is great
- Can provide more dining hall related services
  - Live Updates for Hours of Operations and etc.
  - Menu
  - Recipes



# ADMINISTRATION PORTAL

- Access to incident reports
- Access to statistics
- Can view individual survey results
- Could set future survey questions



FUS DINING Home



**Chef Govind Duprat**

Donec sed odio dui. Etiam porta sem malesuada magna mollis euismod. Nullam id dolor id nibh ultricies vehicula ut id elit. Morbi leo risus, porta ac consectetur ac, vestibulum at eros. Praesent commodo cursus magna.



**Chef Masaharu Cristeta**

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**Chef Morimoto Hå Yoshihiro**

Donec sed odio dui. Cras justo odio, dapibus ac facilisis in, egestas eget quam. Vestibulum id ligula porta felis euismod semper. Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus.

# SURVEY DATA

- Based on the Notre Dame Comment Cards
- Aware of the current survey that dining services provides – not mobile friendly
- Posted the survey on Facebook class pages
  - social media that is checked regularly
  - great response rate
- What does this data mean for Aramark?
  - Will they care that students have great discontent with their food and service?

## SURVEY RESULTS

Q1: Priority locations to concentrate on

Q2: How much food is unnecessarily wasted?

Q3: What does Aramark need to improve on?

Q4: New regulations need to be introduced to eliminate “undesirable objects” in food

Q5: What does Aramark need to improve on?

Q6: What percentage of students dislike the food?

Q7: How often do students dislike/waste their food?

Q8: What percentage of students want a better experience from Aramark facilities?

Q9: How often so students dislike their experience at Aramark facilities?

## NEXT STEPS

- Contact Aramark
- Develop App for Student Use



# CONTACT ARAMARK

- Present survey data/propose app
- Explain the importance of the survey data to their success

## DEVELOP APP FOR STUDENT USE

- Notification for dining hall managers
- More aesthetically appealing design
- Export CSV spreadsheet file for administrator portal
- Cost effective server and database
- Incorporate dining services information (i.e. menu, schedule)

# FUTURE OBSTACLES

- Lack of contact with Aramark
- Future administrator
  - Programming literate
- Financial resources to facilitate app
  - Server (\$500/month)
  - Database (\$178.80/month)

any questions?

