

Delivery 2

EECS 2311 - Team 7

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Iteration 1 Stories

Account Services (Register, Login, Query)

Viewing Current Reservations - Business
POV

Reservation Services (Create Reservation) -
Customer POV

Table Management (Add / Update) tables to
restaurant

Reservation Cancellation and Details Setup
-Customer POV



Iteration 2 Stories

Management of Servers employed at the business(add/remove/edit servers)

View the menu as a customer

View ratings of business and leave ratings as customers

View ratings of the business and delete any unwanted ratings as business

View & edit the menu as a business



Pouya - User Stories

Iteration 1

Account Services (Register, Login) - This user stories enabled business and customers to log into their account and for customers to register a new account when needed.

Iteration 2

Customer - View / Add Feedbacks - This user story allowed customers to view the feedbacks for the restaurant, and to add a feedback of their own either anonymously or with their public account and rate their experience

Iteration 3

Business - Analytics - This user story allows the business to view analytics, and projected and current earnings based on income and tip. Additionally analytics about the feedbacks and rating



Andrew - User Stories

- **Iteration 1(View Current Reservations):**

Viewing current reservations from the business. The business can see all reservations, this includes time, customer name, table, server, etc.

- **Iteration 2(Add/View/Delete Servers):**

Add/view/delete servers. The business has the ability to add new servers, view current hired servers, and delete any server from the system.

- **Iteration 3(Receipt Generator):**

Receipt Generator, the business has the ability to auto-generate receipts which include total, taxes, tip.



Ricky - User Stories

Iteration 1

Table Management - The table management feature is able to add/update/remove tables of the restaurant

Iteration 2

Business View Feedback and Manage - Business perspective can view feedback left by customers and choose to delete unwanted ones

Iteration 3

Order Update Logic and Database Changes - Within orders, it provides the ability to edit the table, add new orders, save changes, adding orders for each reservation



Meem - User Stories

Iteration 1

Reservation Cancelling and Details Setup - This user story allows reservations to be cancelled from the customer side so the business can plan accordingly

Iteration 2

View menu items offered by restaurant - This user story allows the customer to view the menu offered by the restaurant along with the prices and a short description of each item

Iteration 3

Popular item based on order history - This user story allows the customer to view the top three most popular items the restaurant has to offer based on the most ordered items



Farah- User Stories

Iteration 1

Reservation Services (Create Reservation) - Customer POV: This story creates a feature where the customer is able to create a new reservation, once they are done logging in.

Iteration 2

Business - Add/Remove menu items: This story allows the business itself to be able to add and remove any of their menu items onto this program.

Iteration 3

Business - menu item per reservation to have in total: This story focuses on fetching reservations and their associated orders and displays them.



Refinement

Redesign of sign-in page, added background image.

Added ability to click and drag table together, and editing tables.

Improved business view screen

Added ability for business to customize business hours, and general information

Code reformat: Splitting logic of services, implemented design patterns for ease of development



Iteration 3 Stories

Summary of items order per reservation

Order logic and database update

Receipt Generator

Analytics regarding the business

Popular items based on order histories



Github Issues

- We had 15 reported code issues/smells on github which we fixed
- The reporter of the issue assigned it to themselves and resolved the bug/smell
- Out of the 15 issues reported, 9 of them were system bugs that are now resolved



How did the project change from your initial (iteration 0) vision or stories, or did it work out as predicted?

- The project was completed as planned for Iteration 1 and Iteration 2. All of the features requested from the original customer interview were completed in these iterations
- Iteration 3 had extra nice to have features and originally we had some more features planned. due to take home assignment and refactoring we had to remove some from scope



Did any features work better than expected?

- Database stub to Postgres switch
- Originally we had an interface and a factory to keep consistent methods between stub and the future SQL database
- The switch from stub to real database was very simple since the business logic did not need to change. Just some bugs to fix.



What did you learn about team or large project development? What will you start doing, keep doing, or stop doing next time?

- The importance of effective communication is critical to a successful project
- Consistent check ins with the group to fix any issues and obstacles
- Having a coordinator for each iteration to take lead on planning
- The importance of github and code repos and its usefulness
- It's important to keep your code well managed and clean so that anyone can work on it



Can you draw any conclusions from what you've done?

- It's crucial to know the relationship between all system components to allow for clean and effective developer experience.
- Lot's of planning and coordination goes into a successful project
- There is always missing test cases and a better solution / refactoring to the current problem that can be achieved.