

Design Feedback Response

By: Peter Tran

Personas Feedback

- Personas have good young demographic at multiple income levels, works for a wide range of people.

No changes will be made, my personas are clearly identified and each have a specific role in this application.

Wireframe Feedback

- Make order page a child of the Login page.
- Password reset
- Stay Logged-in checkbox

These are some nice suggestions, but these do not seem like MVP items. It would be nice to have a way to reset the password, but that is not needed for a user to successfully use the application. I will place it as a stretch goal because it can be a very useful feature, although I could see it becoming a very complex item to implement if I were to go with using email features that most websites do. For the stay-logged-in suggested feature, that will also be a stretch feature for me. This would require the use of cookies in the browser, which is a bit out of scope for this project. For the suggestion of making the order page a child of the Login page, I will not be implementing this suggestion. Many people like to browse and shop around to see if they're fully interested in the product, so by placing this after registration, it could cause them to lose interest and leave the website, meaning we just lost a potential customer. However, I do see Karl's point that a user should not be able to checkout without signing into their profile. For this, I will make some changes during the order checkout/confirmation page - I will adjust my API to have some optional URL parameters to identify which user the order is associated with. If a userId is not provided to the API, then I will have the UI react and ask the user to register for a profile with a modal.

Storyboard Feedback

- On the UI for the restaurant and delivery dashboards, instead of having two buttons for cooking food/ready for pickup and pickup/delivered, have a single button that would update according to the step

This sounds like a nice suggestion, but I think this isn't truly necessary for the MVP. Karl's concern was that the delivery person could mark the delivery as done before the food was even finished cooking by the restaurant, but in my design, the driver cannot see it in the dashboard until the order was in a certain order status in the database. Although this suggestion sounds like a simple thing to do, I know this can be a very complex task to implement in the angular UI side and API side.

Database Feedback

- Remove firstname and lastname from address table and only have it in profile table
- Revise connections between tables, Circular reference in the schema

Based on experience with many other address fields, I believe the address table should have a firstname and lastname column in case they're different from the actual user, so I will not implement this suggestion. For the connection revision, Karl believes there may be a circular reference, but after reviewing my database design again, I believe all my connections are necessary. I want to maintain consistency in my data by enforcing primary and foreign key constraints – if the website is trying to write information to the database where the information is not complete or non-existent, then it should not be able to write to the database. I do see Karl's point though, having too many constraints could be a nuisance to a developer due to having to always maintain other items from other tables.

Service Layer Feedback

- Add method for “show order” in addition to “show all orders”
- Add method to delete orders and accounts

I am unsure what Karl means by the “show order” method. I already have a method for “Get the Order Details” in my API that seems to accomplish the same thing. Maybe Karl missed this method in my API endpoint documentation. Professor Gradecki suggested to implement a method to delete accounts and orders – these seems like stretch goals to me because they are not required for a user to successfully use the application. I could also argue against the deletion of the order, because the order could be in the middle of preparation or delivery, so it should not be cancelled since the service is already being prepared. The timeline for the orders is very short, so there isn't any time to cancel, and plus the user has the opportunity to backout from the order during the order confirmation stage. I have updated the database design in order to accommodate the possibility of cancelling orders and accounts.