




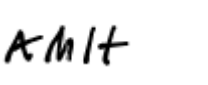




Team 32 Group Report

Contribution Score

	Design, Planning, Coordination %	Coding & Testing %	Other %	Signature
Max	20	20	18	
Connor	13	11	12	
James	12	11	18	
Marcus	0	0	0	
Joshua	17	20	15	
Amit	11	10	11	
Arion	14	14	15	
Leand	13	14	11	
Total	100%	100%	100%	

Technical Documentation

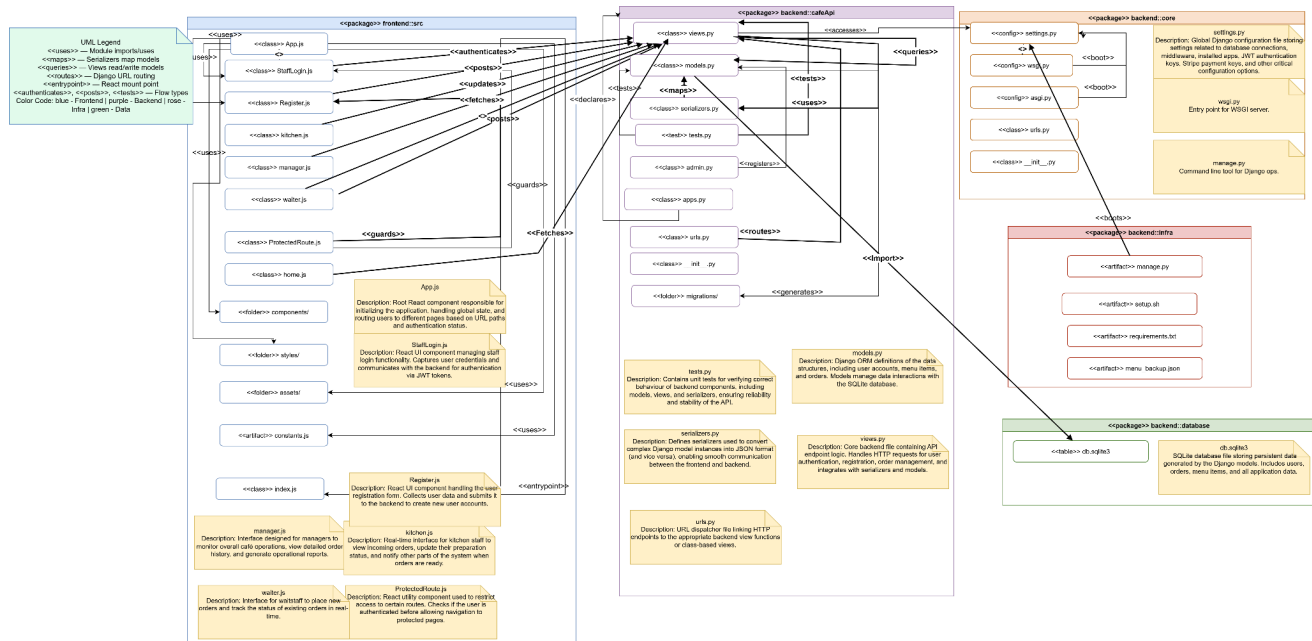
Technology Choices

- Frontend: React, Javascript, CSS
- Backend: Django, Asgiref, PyJWT, Pytz, SQLParse, Python-dotenv, Stripe
- Database: MySQL

Architecture Diagram

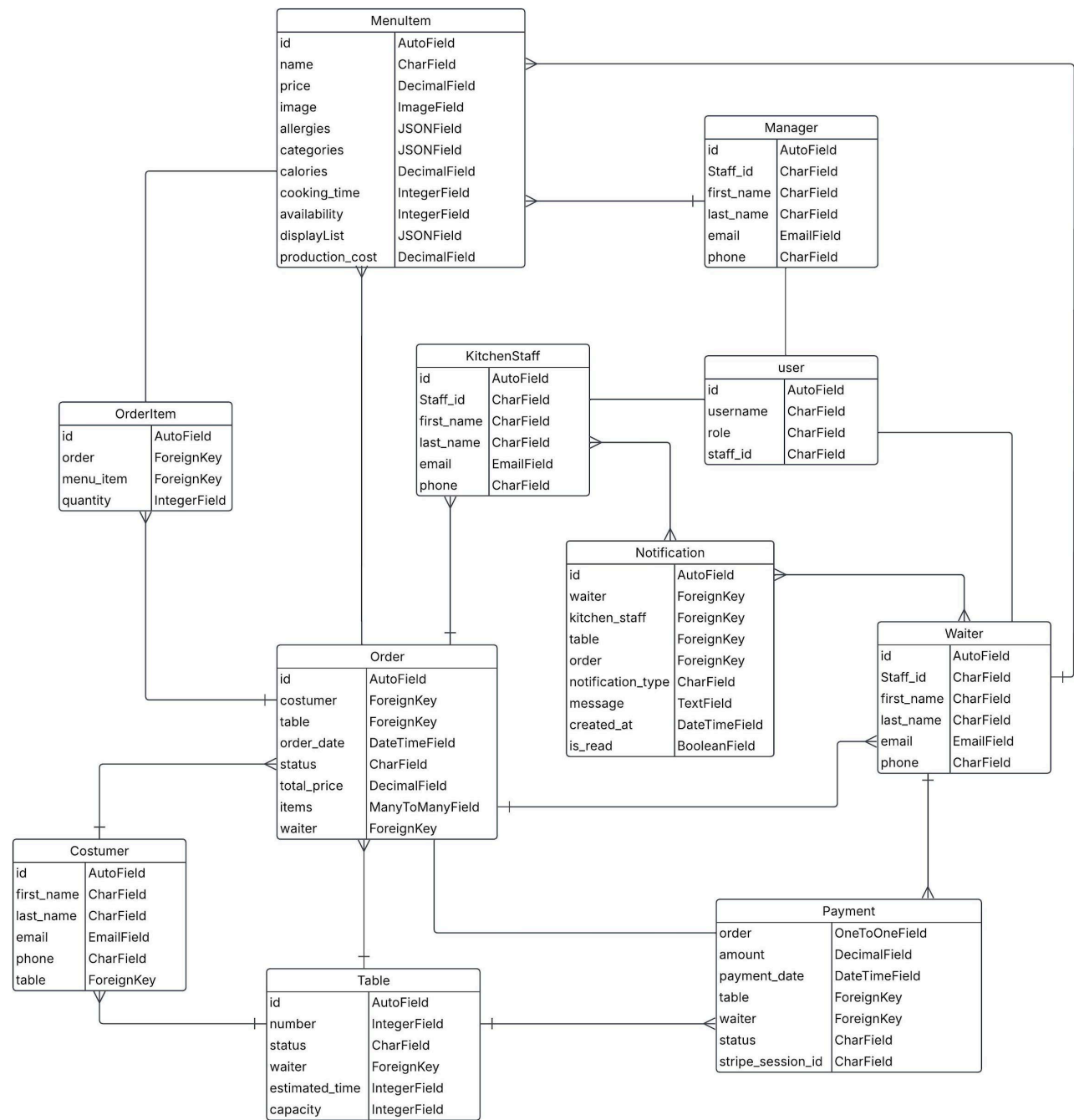
You can explore the diagram by simply clicking the link: <https://tinyurl.com/55nafne9>.

If the diagram is not visible, please refer to the following description:



Database Design

Underneath you can find an ER (entity relation) diagram, showcasing the structure of our database.

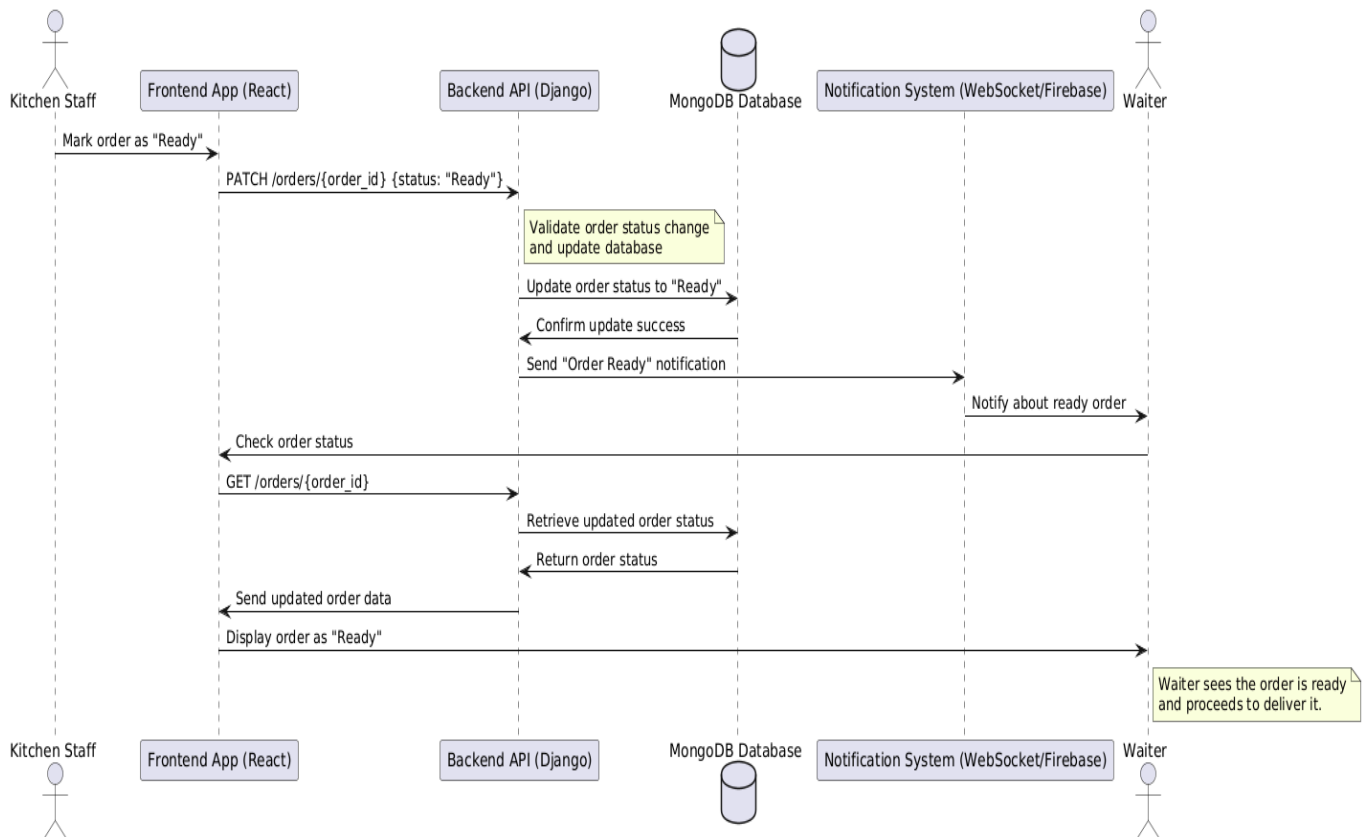


UML Sequence Diagram

Underneath you can find a UML sequence diagram, which illustrates the flow of messages of the following user story between the different layers of our architecture.

User Story:

"As a kitchen staff member, I want to notify waiters when an order is ready, so that they can deliver the food to the customer."



The diagram above can also be found under following link: <https://tinyurl.com/2e62vv8u>

User Stories

Customer Progress: 9/9 (100%)

Waiter Progress: 12/12 (100%)

Kitchen Staff Progress: 3/3 (100%)

Manager Progress: 4/4 (100%)

Overall Progress: 28/28 (100%)

3 Stars

- As a **customer**, I want to view the menu, so that I can view the available items before deciding what to order.
- As a **customer**, I want to place an order, so that I can request the food and drinks that I want.
- As a **customer**, I want to be able to call the waiter, so that I can ask for assistance or service when needed.
- As a **customer**, I want to be able to pay from the electronic interface I have at the table, so that I can leave at my own convenience.
- As a **customer**, I want to be able to track the progress of my order, so that I know how much longer I have to wait.
- As a **waiter**, I want to cancel an order, so that I can remove items or orders that were mistakenly placed or need to be changed.
- As a **waiter**, I want to mark an order as delivered, so that I can notify the system when a customer's order has been served.
- As a **waiter**, I want to confirm orders, so that I can ensure the correct items have been requested before sending them to the kitchen.
- As a **waiter**, I want to track order times, so that I can monitor how long orders have been in progress and ensure timely service.
- As a **waiter**, I want to be able to change the menu, so that I can update item availability or make adjustments as needed.
- As a **waiter**, I want to receive notifications when an order is ready for delivery, so that I can promptly deliver it to the customer.
- As a **waiter**, I want to be notified when a customer needs help, so that I can assist them.
- As a **kitchen staff member**, I want to notify waiters when an order is ready, so that they can deliver the food to the customer.
- As a **kitchen staff member**, I want to confirm customer orders, so that the team can be assured that the food and drinks ordered by the customer are available.
- As a **manager**, I want to be able to see employee data, including sales, so that I can keep track of human resources.
- As a **manager**, I want to adjust the menu, so that I can keep it updated.
- As a **manager**, I want to decide on prices with the help of the system, so that the price does not fall below the 60% profit margin.
- As a **manager**, I want to view data for each table, orders status, outstanding service requests and the stock in real time, so that I can ensure the overall operations are smooth and plan improvements.

2 Stars

- As a **customer**, I want to see allergies and calories information, so that I can make informed choices based on my dietary needs.
- As a **customer**, I want to filter the menu so that I can easily find items that match my preferences or dietary restrictions.
- As a **customer**, I want to see pictures of the food so that I can see what the food looks like.
- As a **waiter**, I want to be able to see which tables have received their orders but have yet to pay, so that I can prevent people from leaving without paying.
- As a **waiter**, I want to place an alert in the system when a client needs help, so that I can notify other team members to assist the customer as needed.
- As a **waiter**, I want to be assigned to a certain table, so that I won't interfere with other waiters.

1 Star

- As a **customer**, I want an intuitive ordering system, so that I can easily navigate and complete my order without confusion.
- As a **waiter**, I want to change the status of an order, so that I can keep the system updated with the current state.
- As a **kitchen staff member**, I want to track order times, so that I can ensure that food is prepared and served within an appropriate time frame.

Video Demonstration

This is the link to the video demonstration of our group project: <https://youtu.be/EfE84uedmqU>