Restaurant Ticket Updater

Scope: This is a ticket generator app that simplifies the process of kitchen ticket times. Servers will input an order and the Expo/Chef will begin the process of getting the food cooked and sent out within a 15-20 min time frame.

Why this app is important: Many restaurants still use the POS ticket system which is paper, by creating this app no more lost tickets! This will hold everyone accountable for food ticket times and will bring most restaurants to the modern electronic world.

Server UI:

It begins with the server (UI) which logs in and inputs each order (appetizer, entree, dessert).

* Breakdown:

1. Log in page will use passport with google auth
2. Page will redirect to the backend page which servers will be shown the various entree, appetizers, dessert, and drink buttons (each organized within their respective labels.
3. As they click each button, depending on the food type, there will be food prep specifications. For example: Burger button-> different cheese types available(Provolone, American, Swiss, Cheddar), how to be cooked (rare, medium rare, medium, medium well, well done), and whether done with fries or a salad(if with salad then specify which dressing).
4. Once they are done with the order they will click the order button and the order will then be sent to the Expo/Chef UI and stored into the database and an automatic countdown starts.
5. If Servers need to go back and modify an order, there will be a button on the completed order in which they can click and make their modifications. Once that is completed it will be stored and highlighed (If I still have enough time to create this)

Expo/Chef UI:

Once this data stores in the database, it populates in the Expo/Chef backend UI.

* Breakdown:

1. Log in page will use passport with google auth (this will only occur once), they will not be timed out after a certain amount of time.
2. As each server stores their order, the different orders will populate based on the time in which it was placed and starts a countdown.
3. Each food item will be sent to the respective cooking station screen. For example: Pantry station will receive all of the salads to prepare, Fry station will receive all of the food that needs to be fried.
4. As the Chef/Sous Chef/First cook directs the kitchen of what to set down to prepare, the person will see how much time they have to set all of the items for each order on to the window.
5. The Expo person sees  how much time they have left on all of the items for each order and starts collecting each of the food items onto the tray for the Food Runner to run out. As this is their responsibility to make sure entrees stay between 15-20 mins and apps stay 10 mins and under.
6. Each order comes in it will start a countdown, as the countdown nears 15 mins it will turn green, once it hits 20 mins it will turn orange, if it passes 25 mins it will turn red. This will be shown in both the Expo and the Chef’s screens, that way both parties are held accountable of those ticket times.

* Modified orders will be highlighted(If there is time)

1. Once each order is trayed and sent out, the Expo is responsible of clicking finished, and this order is saved in the database for 24 hours. In which servers can look back at those orders if needed to make any changes or if there were guest complaints of what was or was not ordered.

Station UI:

* Breakdown:

1. Passport login
2. Will be populated by the food items that pertain to their particular station.

New Techs:

Angular 1, Stored Procedures, Views?

Schedule of Completion:

https://trello.com/b/qWB5texC/res-ticket-updater-app