**ASAP Delivery**

1. **March 8:** The user must login into the app by creating account or by providing a username and password for an existing account
   1. Create an Android mobile app.
   2. Create a Login screen that has the name of the app, a username field, a password field, a login button, and a chef button.
   3. When the user clicks the login button, display a Profile screen. The profile screen has the user's name, address, seat number, and credit card information. The Profile screen has an Edit button for the user to change their profile information. The Profile screen has a Select Food button.
2. **March 22:** Once the user has logged in, the user may select a food item from the menu located on the Select Food screen.
   1. The Select Food screen has options for a user to select any combination of "Basket" (shrimp, catfish, nuggets), "Poboy" (alligator, shrimp, catfish, beef, fries), "Nachos" (plain, cheese, beef, or seafood), "Sandwich" (hot dog, burger), "Fries" (plain, chili cheese), "Chicken Tenders" (fried, grilled), "Popcorn", "Drink" (water, beer, soda). The user must also input a quantity of each selected option.
   2. The Select Food screen has a Quick Select Food menu with items: "Lent Poboy Meal" (that automatically selects a seafood poboy, fries, and a beer), "Lean" (that automatically selects the grilled chicken tenders, the plain fries, and a water), "You Choose" (that randomly selects a sandwich, a type of fries, and a type of drink), "Kid" (that automatically selects a basket, the fries, and the soda), and "Cheap" (that randomly selects the 3 cheapest items but only one item from each category.) The user must also input a quantity of each selected op=on.
   3. The Select Food screen has a search bar where the user can search for a desired food item.
   4. The Select Food screen has a "Review Order" button. When the "Review Order button is clicked, display a user friendly view of the user's selected items that includes the price per item, the quantity per item, the tax, the total amount, all their profile information, and an estimated delivery time. The Select Food screen has a "Place Order" button.
3. **March 29:** From the login screen, if the user clicks the Chef button then login as the chef and display the seating chart of the Smoothie King Center. <http://www.smoothiekingcenter.com/assets/img/BB-seatingchart.jpg> To make it easier, just use the numbered sections that are divisible by 3, assume every section has 30 rows, and assume every row has 20 seats. Also, assume there are exactly 4 food centers labeled the same as the entrance/street names and at those locations on the image.
4. **April 5:** The Chef screen has a "Open Orders" button that when clicked will display the list of all outstanding orders.
5. **April 19:** On the Chef screen
   1. Place a marker on a user's seat section.
   2. When the chef hovers over the marker, display the user's order number and total cost of their order.
   3. When the chef clicks the marker, display the user's order number, total cost of the order, and their profile information,
   4. Display the Smoothie King Center image with markers at the seats of all outstanding orders.
6. **April 19:** After the user’s order has been finalized, the order will be put into the digital line and directions from the nearest of the 4 food centers to the user’s seat will be mapped.
   1. On the Chef screen, if the chef right-clicks a marker then mark the order as completed and display the delivery path on the image.
   2. Let's assume every order takes 1 minute for each item in an order and also that every vertex in the path takes 5 minutes. Display the delivery time.
7. **April 24:** If the user selects the "Order Status" button on the Profile screen, they will see all their orders, the estimated delivery time, and the number of orders that are being serviced prior to the delivery of each order.
8. **April 24:** If the user clicks the "Order Again" button on the Profile screen, re-do that order without asking any questions.
9. **April 28:** If the chef clicks the "Close Out" button on the Chef screen, then display a report showing all order information for the day.
10. **April 28:** If the chef clicks the "Users" button on the Chef screen, then display a report showing all order information, sorted by user. The user will now be able to enjoy his or her meal and use the app again as soon as possible.