Twillio API was used to send out our text messages to the customers for when the order was completed by the barista. The number currently only send to a single phone number since it is in the free tier of the developer account. Also used was PayPal’s API and developer software (as explained in the original element).

Layout and style were created using materialize. The site is mobile friendly and has been tested on several different devices.

JQuery is used to add and remove data from the orders.php page when the order has been made by the barista. In twillio\_text.js two functions are created with ajax calls. The first is to remove from the database the order. The second ties back to the Twilio API. The customers phone number from the page gets sent to the twillio\_text.php page (passed as a query parameter) and this is the number to which Twillio sends an automated text message.

Ajax is used to keep the database up to date from when an order is made - so the barista would not make another coffee for the same person on accident. The database automatically deletes and replies to the user on the click of the delete button in orders.php.

The database keeps hold of all orders that are created and then presented to the barista (in the back of house). The database contains, the coffee name, quantity wanted, any notes to the barista, and a contact number to send the text message.

PayPal developer integration. The transactions after hitting add to cart, are added into a PayPal cart where all the items for that order are stored. The payment is processed and handled all through PayPal’s servers giving a secure payment option. Once the payment is processed, PayPal sends a query string to IPN.php which takes the order info and sends it to the database that holds all the orders for the barista to make.

Under extra in the file directory, you can see a folder called snapshots that shows the walkthrough of the site from both the buyer and barista.

<http://sulley.cah.ucf.edu/~dig4503group2/2nd_dose/index.html> - Buyer

<http://sulley.cah.ucf.edu/~dig4503group2/2nd_dose/php/orders.php> - Barista