

FINAL PROJECT: TECH SPEC

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Building the G & K Cafe will include combining both PHP and SQL. There will be four main folders: project, images, include, and model. The *project* folder will hold all php files for the user to interact with (sign in, login, menu, order page, and a sign off page). *Images* will hold all of the images that contribute to styling the page theme. The include folder will be created to hold a functions.php file that will direct the program to POST any input from the user. The *models* folder will contain SQL tables, database configuration and connection, and all SQL functions needed to create a functional website and program.

Functions include:

- checkLogin(\$username, \$password)
 - If credentials pass, user successfully logs in and can place an order; history of purchases available for few
- addCustomer(\$fname, \$lname, \$password, \$email, \$birthday)
 - Allows for a new user to sign up and order; now apart of database
- addItem(\$itemId, \$itemSize)
 - Allows the user to select any menu item and size; will take selections and add them to a checkout area/cart
- deleteItem(\$itemId)
 - Deletes an individual item from order
- totalPrice()
 - Calculates the total price of items in order; displays/returned for user to see
- completeOrder()
 - Confirmation button that will allow the user to purchase; information will be added to order history/database
- selectItem(\$itemId)
 - Select an individual item from the menu by ID
- selectSize(\$num)
 - Selects the size (S, M, L) of the item being purchased and associated price