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CS530

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**User Interface Design**

1. Diagram

WebHomeDesign.png

2. Each page’s functionality:

**Programs general functionality** - the operator has the ability to submit work orders. The operator matches a piece of inventory with the correct employee to work on it. The work table (where the submission will occur) will link the employee table and the inventory table.

**home\_page.html** - page all other pages link. This page will be the general hub for navigation of the site. The user will have the ability to delete, view or add(inventory, employees, or a work order)

**delete\_employee.html** – form for deleting employee. Displays all employees information.

**delete\_employee.php** - used to delete employee from employee table. User will be presented with the ability to input an employee id number and remove the employee.

**delete\_inventory.php** - delete an item from the inventory. User will be presented with the ability to input an inventory id number and remove the inventory.

**delete\_inventory.html** – form for deleting inventory. Displays all pieces of inventory.

**update\_employee.php** - update an employee’s information. User will have the ability to, from the employee id, pull up the details an employee and modify the information.

**update\_employee.html** – form for updating employee. Shows all employee’s information linked with the employee id.

**update\_inventory.php** - update information for the piece of inventory. User will have the ability to, from the inventory id, pull up the details an inventory item and modify the information.

**add\_inventory.php** - add a new piece of inventory. User will have the ability to fill out information and add a new piece of inventory.

**add\_employee.php** - add a new employee. User will have the ability to fill out information and add a new employee to the employee table.

**add\_work.php** - add a new work order. Will be main menu for matching employee with inventory. User will have the ability to create a new work order with specific inventory and employee.

**view\_work.php** - view the work order table. User will have the ability to view all details of the work order table.

**view\_employee.php** - view the employee table. User will have the ability to view all details of the employee order table.

**view\_inventory.php** - view the inventory table. User will have the ability to view all details of the inventory order table.

*Provided are the functional files for manipulating the database. Additional files will be needed/added for form format (.html) for the user to input/view frontend information. However, the aforementioned is the general format of how the website will operate from frontend to backend.*