VERSION 2B

July 7th 2017: Douglas Selph

> Note: the 2.0 and 1.0 numbering is done to match the VERSION 2A document. They are out of order because logically the server side comes first for these enhancements.

2.0 SERVER

2.1 Import WorkOrders from CSV file.

This feature will only be available for administrators to the site. Not clients.

Work orders:

1. From existing google sheet, export "Master list 1 All Trucks" to CSV format.

2. Click on Import function on server.

3. Will import the following fields:

   LOC, Address Line 1, City, State, Zip, Unit # (as Truck #), License Number (as new field for Truck), Data Service Provider (**will be used as Project name, right?** If it doesn't exist, will create a new entry)

4. Will ignore the following fields:

   PLT, DIV, YR, MAKE, MODEL, SERIAL#, IN SERVICE DATE, MFG DATE

5. The data will then be pushed out to the technicians/clients and they will see new truck number and address entries available

   ### Technical Notes:
   - The LOC, Address Line 1, City, State, and ZIP will create a new entry in the existing "Company Table".

   - New project entries go into Project table.

   - The truck number and license number for the truck will go into a new trucks table.

   - A new "login" table will be created holding the entry user name and password needed to enter into the site.

   - A new work order table will be created holding the three elements "company ID", "Project ID", and "Truck ID" and a "CreatedBy ID".

2.2 Import WorkOrders using a FORM

The clients can input the work orders directly by accessing a form with the equivalent fields. The only new field not yet seen is the License Number of the Truck. But there will be entries to enter in a new company with address and an associated project.

The other fields that are ignored above will also not have a field entry.

Question: What about projects, can the clients create new projects?
If yes, then I will simply allow new projects to be created on the projects screen by clients using the "Add a new Project" button.

Question: What then about equipments, can the clients create new equipment entries?
If yes, then I may need to come up with an easier way to enter in a batch of new equipments for a project and/or to associated equipments with a project. Right now when entering in a new project, you don't have the ability to enter in equipments for that project. And likewise when entering in a new equipment it just asks for the "name" of the equipment, not the project too. That is, only the "Add Many" button deals with both.

2.3 Server Login

New Login screen will appear when entering into the site. Current login capability with the ability to modify and delete entries will be controlled by a special administrative password which Jason will have.

Otherwise guest, view-only login will be created. This login will allowing viewing of all data but no ability to change anything.

To enter in work orders using the form will require a special client access. The administrator can create new client logins that enable this kind of access. The create new login screen will require a "name" and "password". When a client logins in with this, they will have the new form work order entry ability. The work order table will store which login created the new work order.

2.3 Work Order Listing

A new work order table can be viewed. It will show, one line per row, each work order, and if it has been completed or not. Completed will be true, if there is an entry in the entries table with the indicated truck number.

2.4 **Client/Project association**?

Is there an association of particular clients to particular projects? If so, then when viewing the entries, I could have a "filter" option which will show only the entries associated with the current client login. It also would mean that "projects" will have another field tying them to a

specific client login. Is this correct?

1.0 APP

Question:

- Not sure what should change here. I have the "License Number" for the trucks. Does that mean somewhere after he enters the truck number I show him the "license number"? That doesn't seem too helpful. Sounds like instead of a flag entry for the truck number, I provide a list to select from which holds the truck number and the license number. But that sounds like too much info for all the technicians to wade through if there were lots of work entries and the technician only is assigned a few of them.

3.0 **Ignored**

The following elements from the sample sheet will be ignored:

- Installation Details: there is currently an "Entries" table. This shows all entries applicable.

- Progress Grid will be ignored. This is a different view of what has been done. Do you still want something like this?

- Master List 2 -TBC : Not sure what this is about. Ignored.

- Missed Trucks: Not sure how to identify missed trucks. Ignored.

- Repairs Needed: This looks like a specific truck can be identified as having a particular kind of repair work needed. Right now, the equipments are associated with a particular project, not a particular truck. So I don't know what to do with this.

- Inventory: Not sure what to do with this.