## **Inventory Management**

- Create Devices
  - Allows the user to add one or more devices to their inventory.
  - Device includes the following fields: Date, Supplier, Manufacturer, Model, Colour, Battery %, Grade, Issues, Cost, IMEI, Selling Price (optional).
    - ^This design will be similar to the +Bulk Quote design
  - Generate a small(How Small? About 7cm x 3cm, or whatever size in that range is standard with label printers) label with information (Exactly what information? Manufacturer, model, grade, Issue, IMEI, Barcode) to be printed alongside a bar-code (Which encoding for the barcode?). We can leave the barcode/label until the end, but good this system is developed with the intention of eventually adding in the barcode/label
- Edit Devices
- - Delete Devices
    - Allows the OWNER user to delete any Device. Available from View.
  - Views
    - Owner
      - Table listing all Devices with all their attributes, with options to sort and search devices.
      - Devices are selectable.
        - Selected Devices can be deleted.
        - Selected Devices can be sold.
        - How would the editing of selected Devices work? Considering that one or more
          of the devices have completely different parameters
           We could leave edit out of the selected actions for now, and leave it as a one at a
          time thing.

======= ESTIMATED: 3hh ========================

- Selling Devices.
  - A Form that allows previously entered and selected Devices to be sold.
  - Requires the following inputs:
    - Displays a list with all the currently selected Devices, alongside every Device a Sale Price which can be populated from the Device's Selling Price attribute.
    - Date which can be populated with the current datetime. (This date can be attributed to the whole transaction, not each individual device)
    - Tax % (Name & Percentage)
    - Discount (Optional Field)
    - o Customer Name
  - Once the sale has been completed the Devices are removed from the inventory and added to a Sales database.
  - Sales database includes the following fields: Sale Date, Customer, Manufacturer, Model, Colour, Battery %, Grade, Issues, IMEI, Cost, Subtotal (Sale Price), Total (Sale Price + Tax), Profit (Total – Cost).
  - After each sale generate a printable PDF Invoice.

- Client
  - Accessible from URL. No login required.
  - Table listing all Devices with less attributes, with options to sort and search devices.
    - Shown attributes are as follow: Manufacturer, Model, Colour, Grade, Issues, Battery %, IMEI, Selling Price as Price.

- Are these Devices coming from the same Devices list as the owner view? So if an OWNER inputs a new Device, it will be available in this view as well?
  - Yes that's correct, however since this view will be for customers there will be fewer fields, fields like "cost", "supplier", "purchase date" etc. will not be included

TOTAL ESTIMATED: 19hh

Rate: 24 \$/hh

Total milestone: 19hh \* 24\$/hh = 456\$