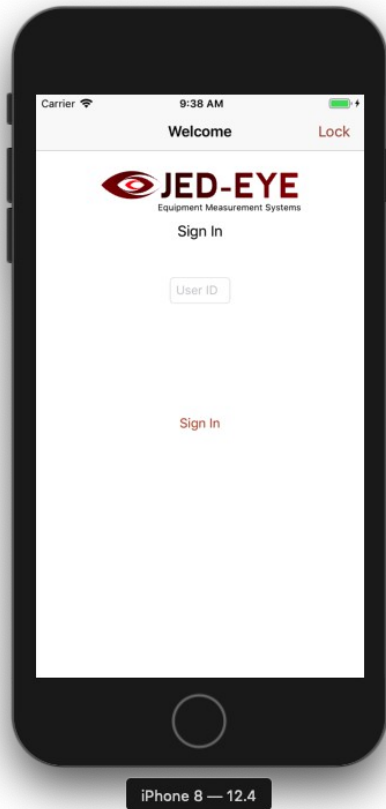


CONFIDENTIAL

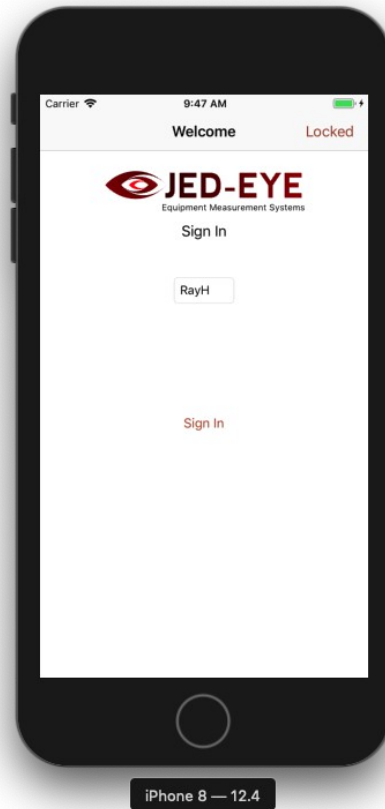
JED-Eye Project  
Application Screen Shots – 08 AUG 2019  
Richard Campbell for  
Datacom Systems, Inc.

**1 Login Screen**

- 1.1 User logs on. Password checking is available.
- 1.2 A user account can be “locked” by entering the User Name and tapping the “Lock” button at the upper right. The text on this button changes to “Locked” to indicate this status.  
(1)
- 1.3 Locked users see this screen on entering this after a restart / reboot, with their user account locked, and have the option of unlocking for another user by clicking “Locked.” (2)

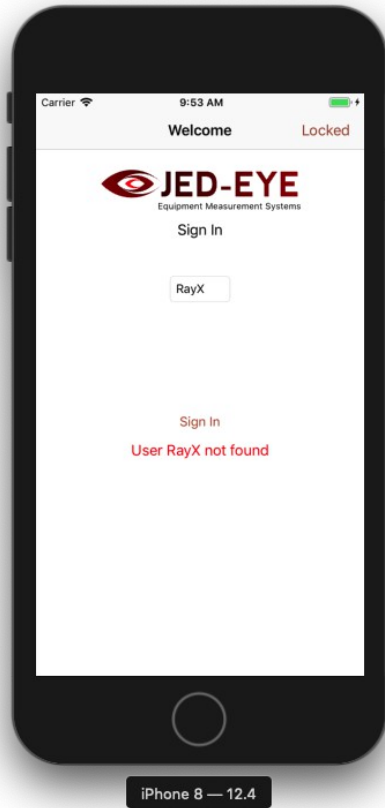


(1)



(2)

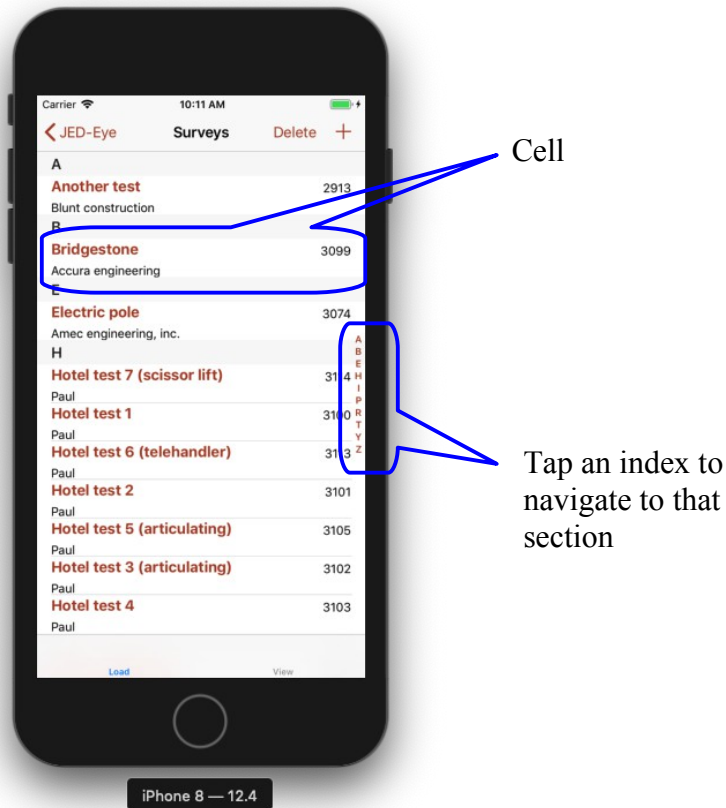
1.4 Attempt to log on as unknown user rejects the login and clears the text field(s). A message tells the user that the login was rejected. (3)



(3)

## 2 Master Survey List Screen

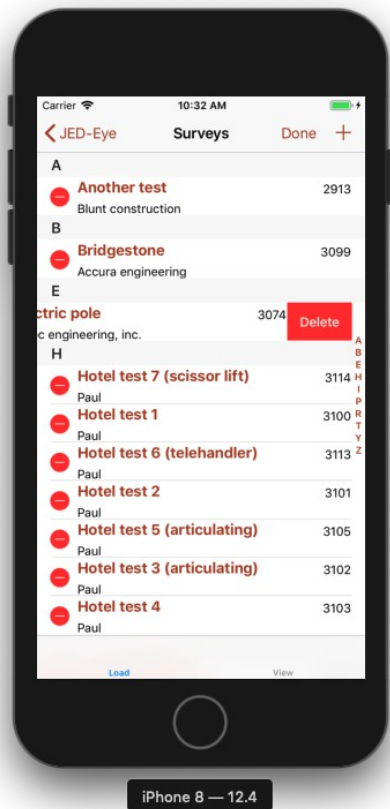
- 2.1 This screen is entered upon successful login.
- 2.2 Shows all surveys in progress by the logged in user (4)
- 2.3 The list is sorted into sections by the first letter of the Site Name. A rolodex-style index is provided for navigation.
- 2.4 Each cell shows the Site Name, the Contractor Name, and the unique numerical ID for that survey.



(4)

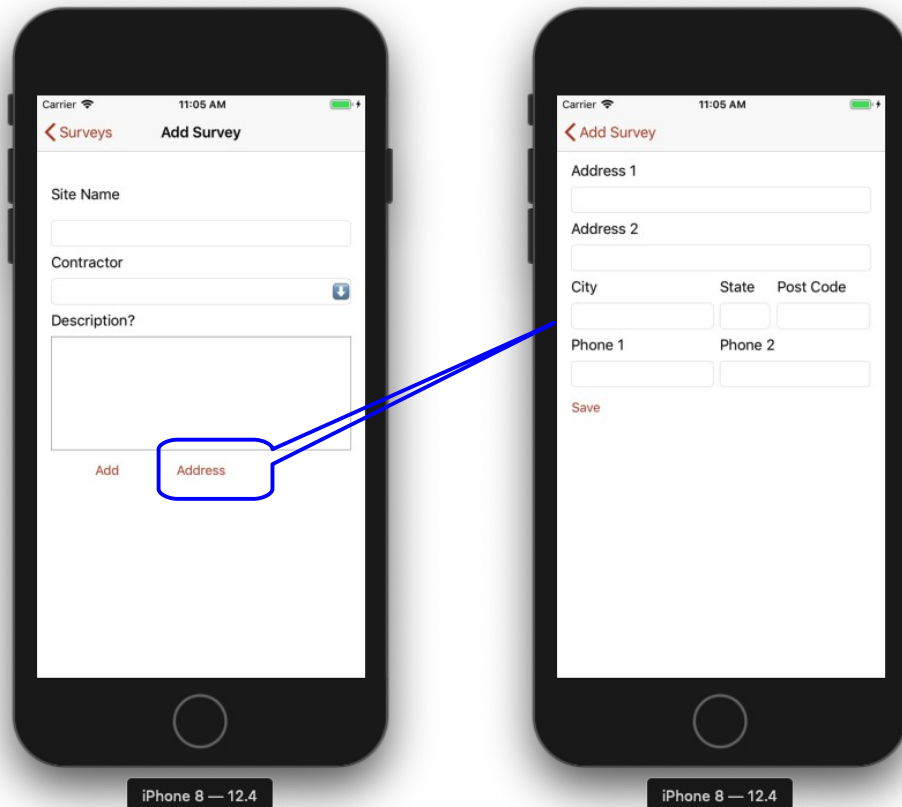
2.5 Surveys can be deleted either by tapping the “Delete” button at the upper right or “Swiping” the cell to delete. This is the standard iOS “Edit” mechanism for table views, but the button has been renamed to read “Delete.” While the table view is in “Edit” mode, the button reads “Done.” (5)

2.5.1 Deleted surveys are marked “archived” in the database and no longer visible in the application, but can be marked “live” again if needed



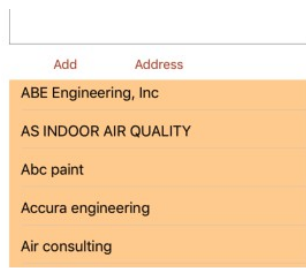
(5)

- 2.6 Tapping the “+” button at the upper right allows the user to enter the “Add Survey” screen (6). This screen is used to enter Site, Contractor, and Description data for the survey.
- 2.7 Tapping the “Address” button on the Add Survey screen allows the user to enter the “Address” screen, where they can enter the site address. Contractor address information is maintained in the database.
- 2.8 In the Add Survey screen, there is an option to pull the contractor name from the database by clicking the small “down arrow” at the right end of the Contractor text field (circled in (6)). This brings up a “drop down” list of contractors (see image (8)) below the Description text view in the Add Survey screen.



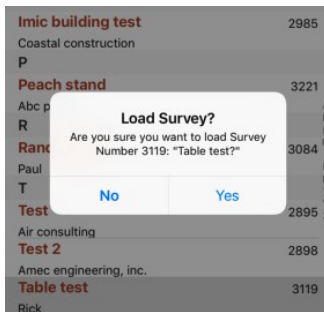
(6)

(7)

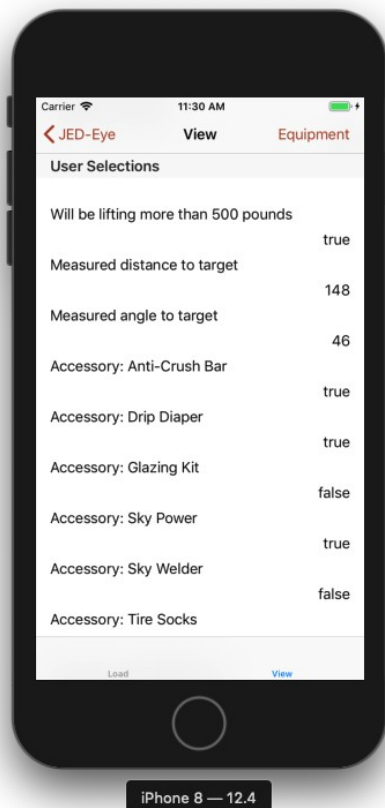


(8)

2.9 Tapping a survey cell in the Surveys screen (4) loads that survey. There is a confirmation alert (9).



- 2.9.1 Selecting “No” returns to the Surveys screen (4). Selecting “Yes” enters the survey process with any prior saved information from that survey pre-loaded.
- 2.10 The Survey screen has two tabs at the bottom. The second tab displays the “View” screen for the survey (10), showing all current information about the currently loaded survey. In the screen shot, this view is “scrolled down” to show some of the attributes of the equipment we’re looking for in the survey.



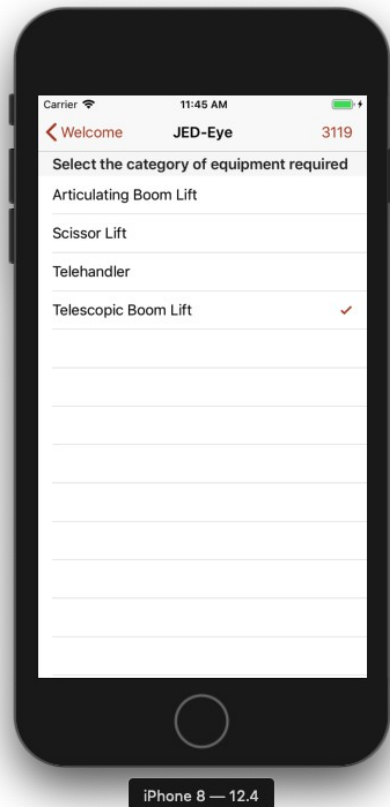
(10)

### 3 The Survey Process

3.1 Loading a survey (or tapping the JED-Eye (Back) button from the Surveys screen with no survey loaded brings up the first screen of the survey process (11)..

3.1.1 If a survey was loaded, any values loaded with the survey will be shown in the screens.

3.1.2 If no survey was loaded, values selected will be saved against a survey ID with no Site / Contractor / Description / Address information. Normally, you will want to at least enter a site and contractor name at the beginning of the survey process. This mode is for getting an equipment recommendation without saving any site / contractor / description / address information about the survey.

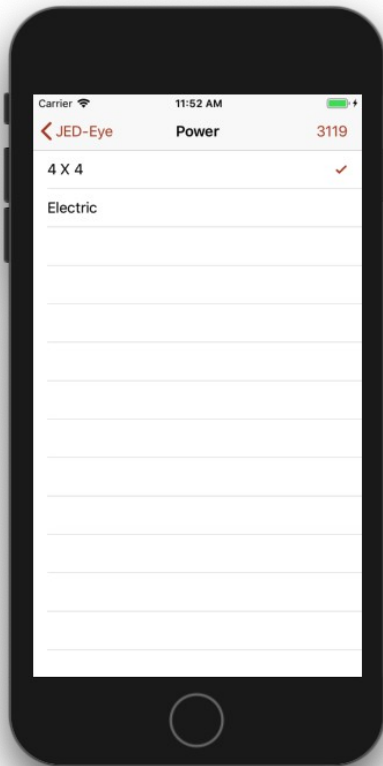


(11)

3.2 In screen (11), the current survey ID is 3119. Tapping the “3119” button at the upper right goes back to the Surveys screen (4). This facility is available in nearly every screen.

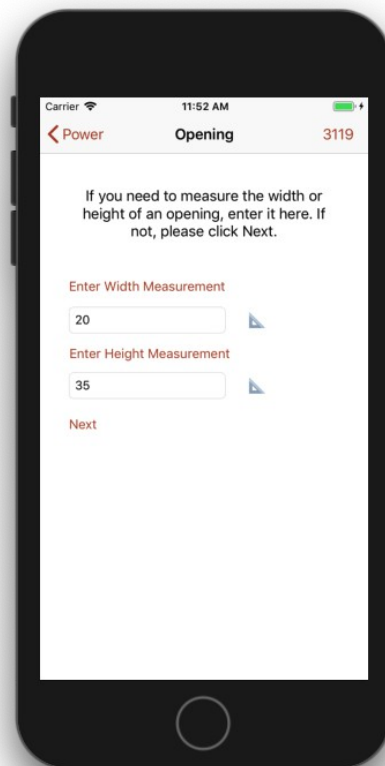
3.3 In survey 3119, a Telescopic Boom Lift was chosen as the equipment type, indicated by the check mark to the right of that type. This can be re-selected to retain this type, or changed by tapping another cell in this view.

3.4 The next four steps of the survey process are shown below. These are the Power (12), Opening Measure (13), Max Terrain Weight (14), and 500-pound cutoff (15) screens.



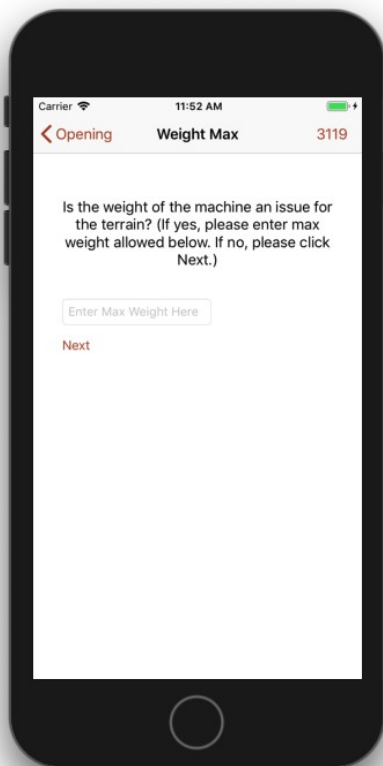
iPhone 8 — 12.4

(12)



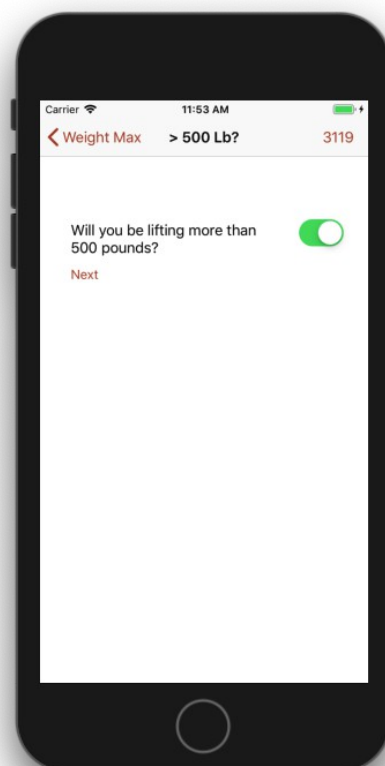
iPhone 8 — 12.4

(13)



iPhone 8 — 12.4

(14)

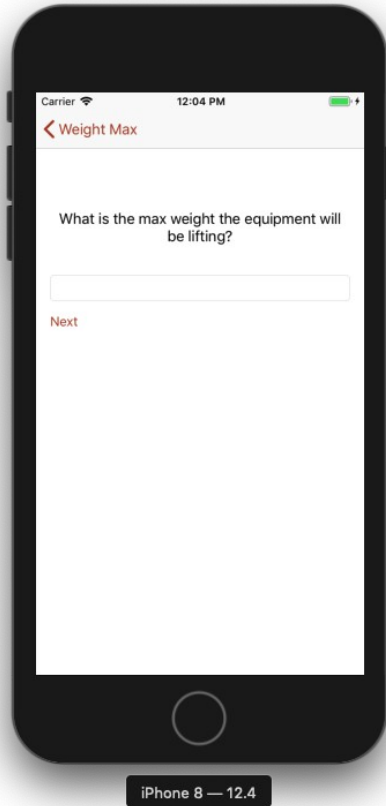


iPhone 8 — 12.4

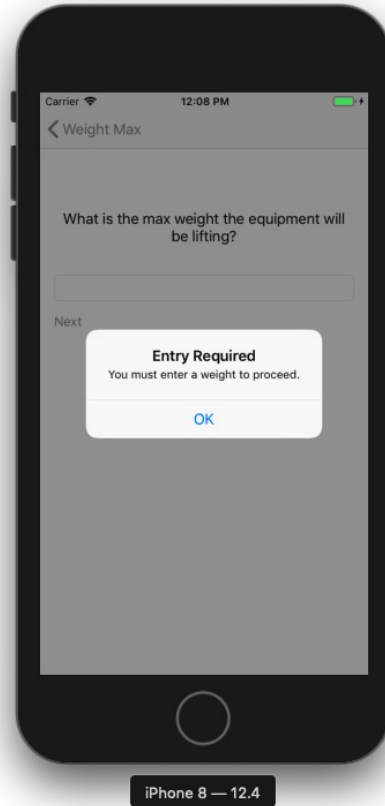
(15)



3.5 In the case of Telehandlers, screen (16) replaces the 500-pound cutoff screen (15).



(16)



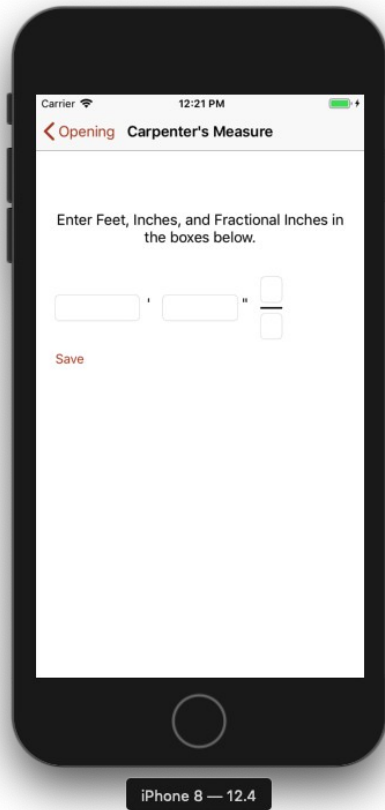
(17)

3.6 In each case, if a measurement is required and no measurement is given, progress cannot continue, and a message is given to the user explaining what is needed. See (17).

3.7 In cases where it is possible that the user might want to enter a measurement in feet, inches, and fractional parts of an inch, a carpenter's measure button is provided (18), which brings up the Carpenter's Measure screen (19). Measurements entered here are converted to decimal feet and sent back to the corresponding field.

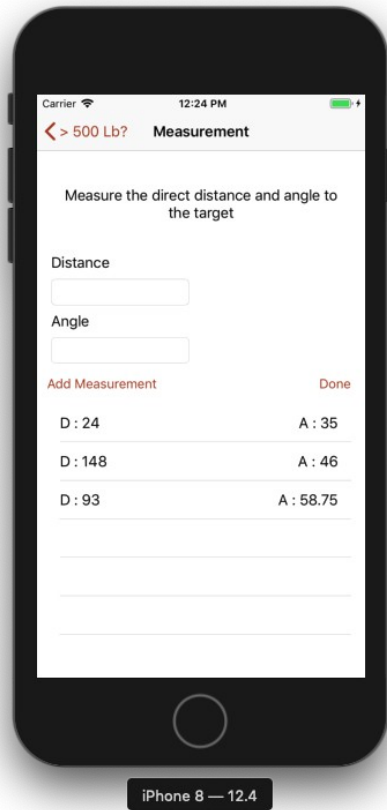


18)

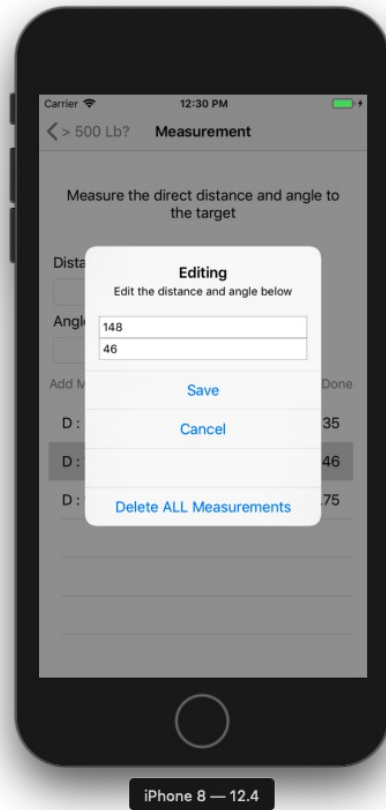


(19)

- 3.8 In screen (20), the user enters distance and angle measurements to the target. As many measurements as needed may be entered: they are tracked in the table at the bottom of the screen. Tapping Add Measurement adds the current Distance and Angle measurements to the table. Tapping Done advances to screen (22), but only if at least one measurement has been added. Otherwise, the user is alerted that they must enter at least one measurement.
- 3.8.1 In the case of a Scissor Lift, the angle is always constrained to 90 degrees and does not need to be manually entered for each measurement.
- 3.8.2 Tapping a measurement in the table brings up an edit / delete dialog (21). Editing can be done by changing the values in the fields then tapping “Save.” Deleting here is more of a debug feature than for production. It will delete all distance and angle measurements (but no other measurements) for the current survey. Granular deletion of measurements is coming soon.
- 3.8.3 Note that while as many distance / angle pairs as desired may be entered here, only the first entered pair will be displayed in the “View” (10) screen. An enhancement to add all measurements to the View screen is on the radar.

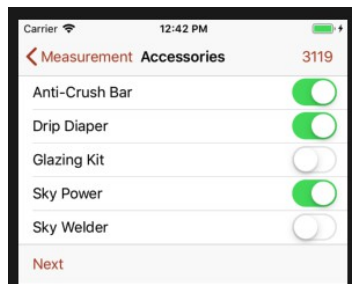


(20)



(21)

3.9 After measurements are entered, the Accessories screen (22) (full screen not shown to save space) is displayed. Only “possible” accessories for each equipment type are displayed here, but all possible accessories (regardless of equipment type) are displayed in the “View” screen (10). This may be refined later.



(22)

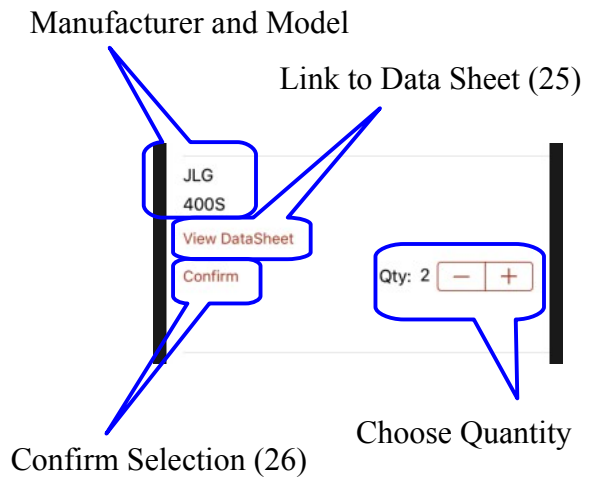
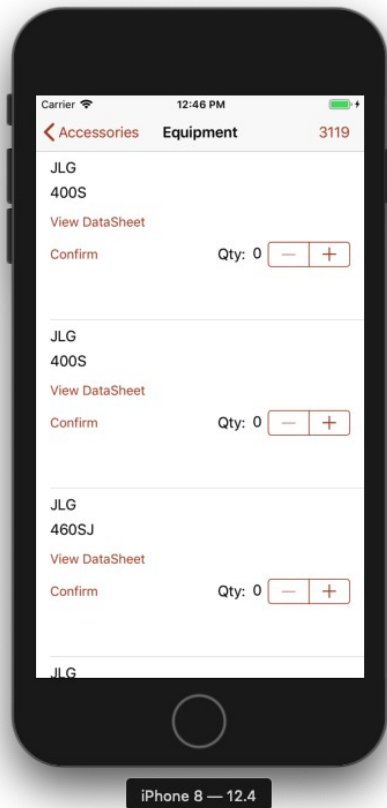
#### 4 The Equipment Selection Process

4.1 After all desired survey values are entered and accessories are chosen, the Equipment screen (23) is shown. This screen displays a list of equipment that can satisfy the constraints of the current survey.

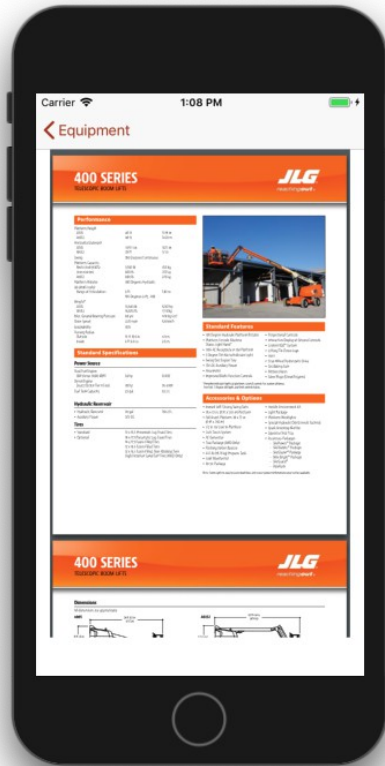
4.1.1 Equipment is sorted by size, smallest first. This corresponds closely to a sorting by price.

4.1.2 There are several fields in each equipment cell, called out in diagram (24).

4.1.3 This screen is also accessible from the View (10) screen.

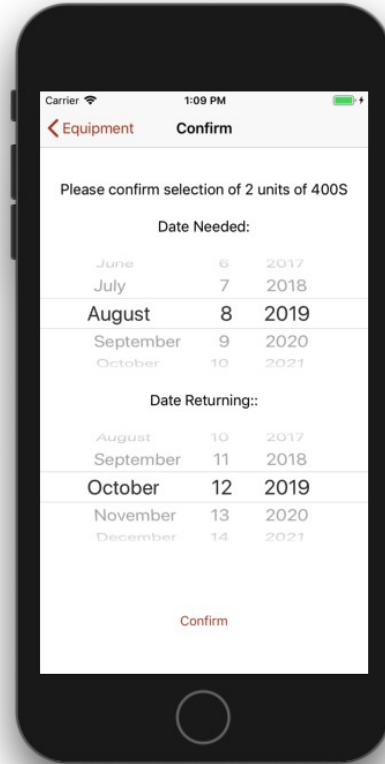


- 4.2 Tapping the View DataSheet button brings up the .pdf datasheet that applies to the currently selected equipment. This can be panned and zoomed as needed (25).
- 4.3 Tapping the Confirm button brings up screen (26), which allows the user to “order” the chosen equipment by selecting a delivery date and return date. A status will be set on the work order and the dates will be set accordingly in our database. Confirming this screen brings up (27).



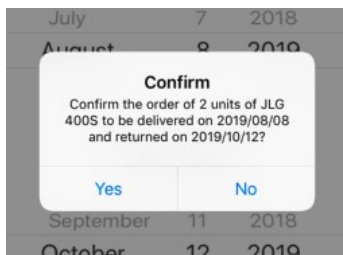
iPhone 8 — 12.4

(25)



iPhone 8 — 12.4

(26)



This collection of screen shots represents the current working status of the application. All capabilities shown in this document are available in the application as it currently stands.