

# Exxon Site Inspection Tablet App

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Summary

UXD **contains:**

Wireframes

Web page schematics to facilitate requirements discussions and functional mapping of capabilities considered for your site.

Behaviors

Process flows and intended user behavior elements are illustrated and annotated to provide a framework for what and how users will interact with information and capabilities of the site.

Content

Inventory of content elements and how they are architected around the users experience and expected work flows

UXD **DOES NOT** contain:

Final Visuals (Comps)

Visual placement or intended design of any given page or pages (including photography, color, font, and any other visual elements) will be addressed via subsequent comprehensives (Comps) upon final acceptance of this information architecture.

Every User Scenario

This document is meant to represent a proposed architecture taking into account all the capabilities contracted and available via the platform and content arranged within this framework.

UXD **purpose:**

Share

These are proposed definitions and intentions for the information architecture based on client intent, capabilities, best practices, and our subject matter expertise.

Iterate

Refine our approaches and achieve the proper balance of ease of use, merchantability, brand positioning, time to build/test/deploy desired by the client.

Frame

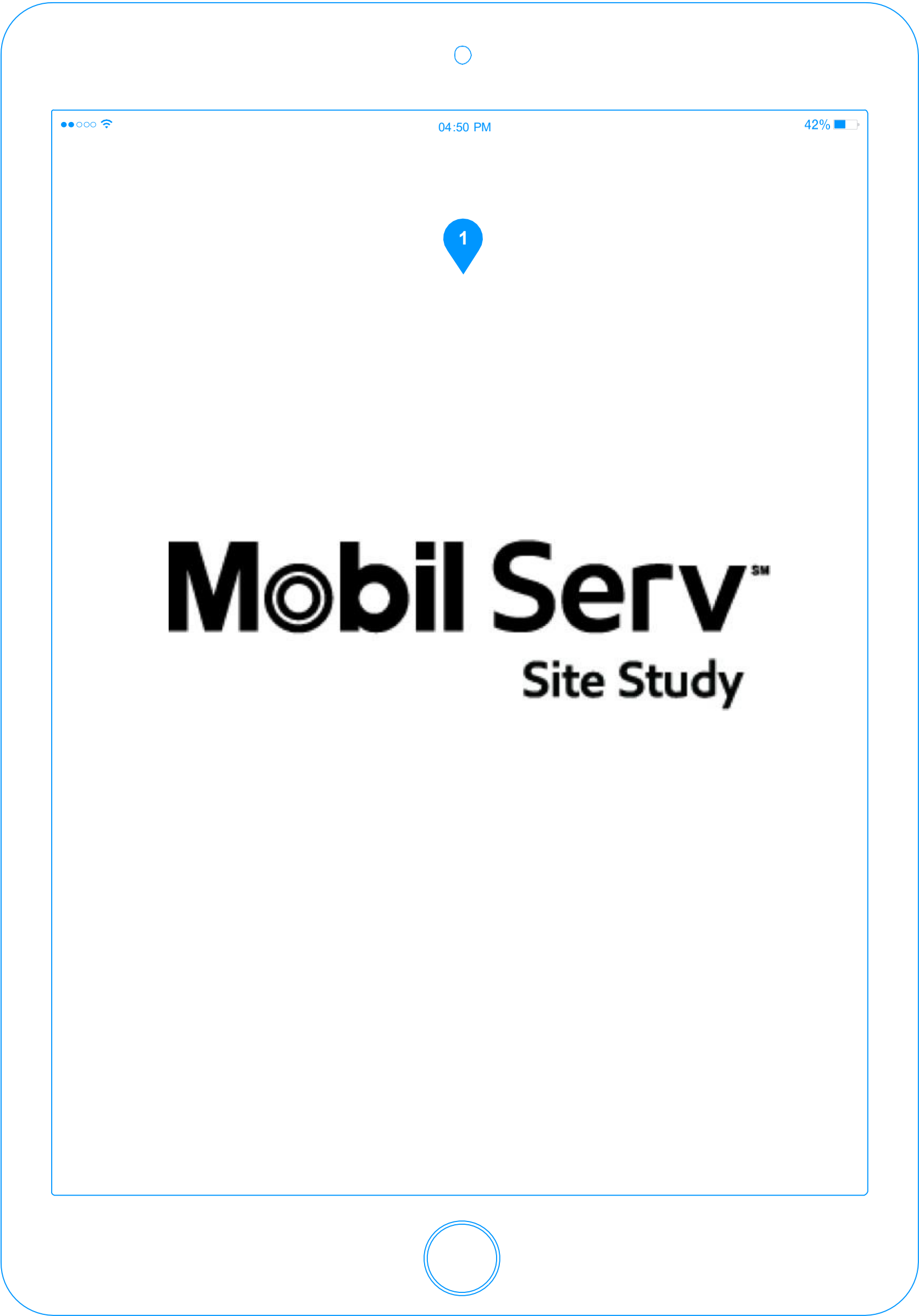
Create the most appropriate foundation for the visual design process that follows. The IAD will heavily inform the visual design process especially in these initial steps.

Project Summary

Mobiquity shall provide services to Client for the redesign and rebuild of the existing Site Study iPad application ("Site Study App")

Splash

Screen ID



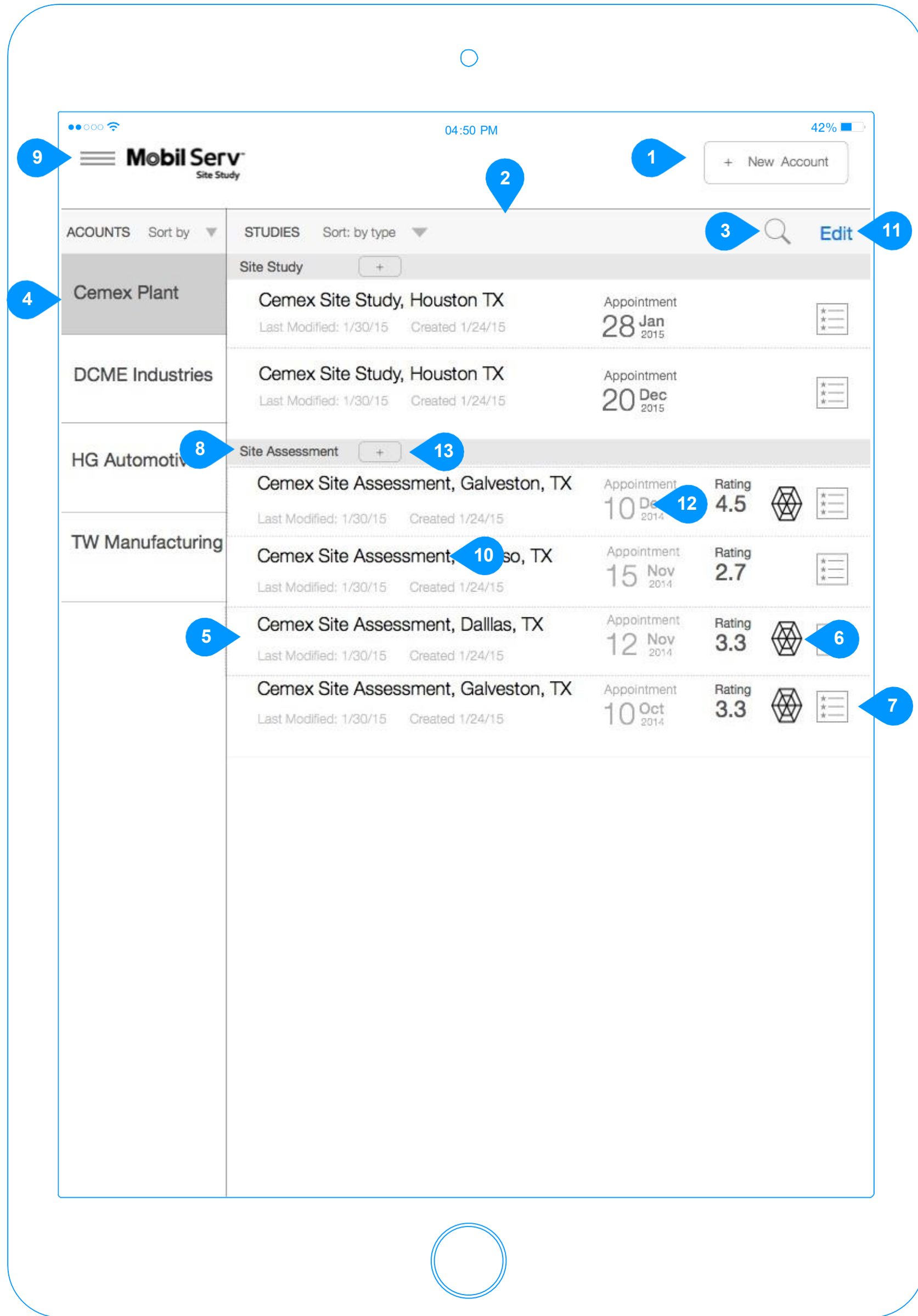
1

Splash screen

The splash screen shows when the app is launched. It should be displayed for 2 seconds.

## Dashboard

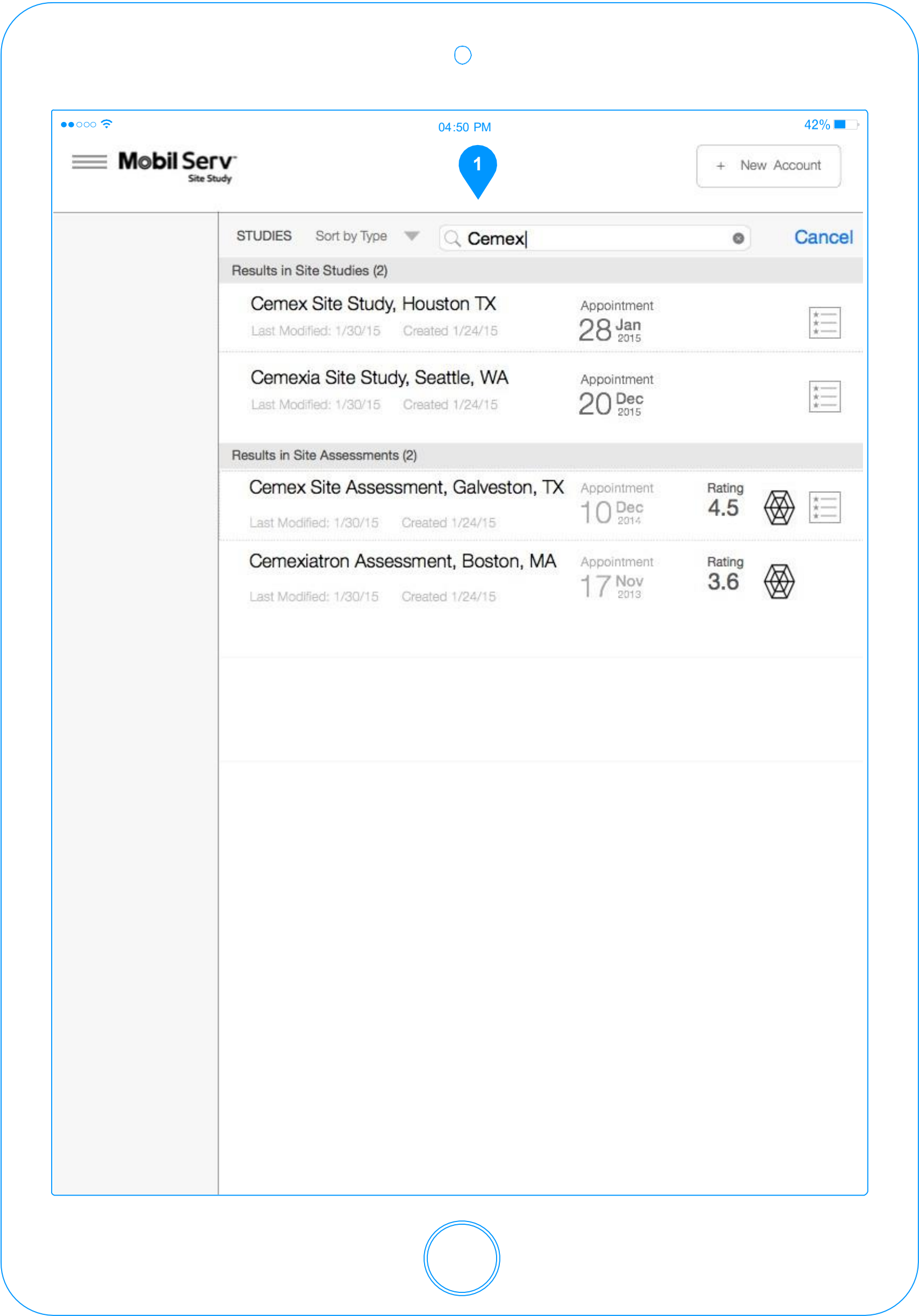
Screen ID



- 1 **New Account**  
Tapping New Account button brings up the blank form to create a new study. User completes form and then chooses a site assessment or a site study path to begin.
- 2 **Study List**  
This area lists all the studies in the app. The user can sort the studies by study title, apt date, location, and type (rating versus site studies)
- 3 **Search**  
Tapping the search icon causes the search box to appear. Users can search by study name.
- 4 **Account List**  
The account list is listed alphabetically. Tapping on an account causes the studies for that account to appear in the table in the study list area on the right.
- 5 **Study List Row Item**  
Each row indicates study title, the creation date, last modified date, the appointment date and summary report icon. Site Assessments also display a Rating Score. Site Assessments that include spider charts will be denoted with a graph icon.
- 6 **Spider Chart Indicator**  
Tapping on the spider chart indicator goes to the chart tab of the summary report which displays the chart.
- 7 **Summary Report Indicator**  
Tapping on the summary report indicator causes the associated summary report to be displayed as an overlay.
- 8 **Secondary Header**  
Displays type of studies listed in that section.
- 9 **Menu**  
Tapping slides out menu, displaying access to About, Legal, Database, and Demo Options. It is expected this menu will grow in time to include other settings.
- 10 **Open Study**  
Tapping on the study title or anywhere in the left side of the row item opens the study to its last state if it is a work in progress. Fully completed historical studies open to the first section. Note: historical studies can be edited and users can add sections at a later date.
- 11 **Edit**  
Tapping Edit icon takes you to an edit state to easily remove multiple studies at once.
- 12 **Appointment Date**  
Tapping on the appointment date shortcuts to study information form to edit.
- 13 **Add Button**  
Tapping on the + button is a way to add a new site assessment/site study for the same account. It pre-populates fields to save time.

# Dashboard-Search

Screen ID



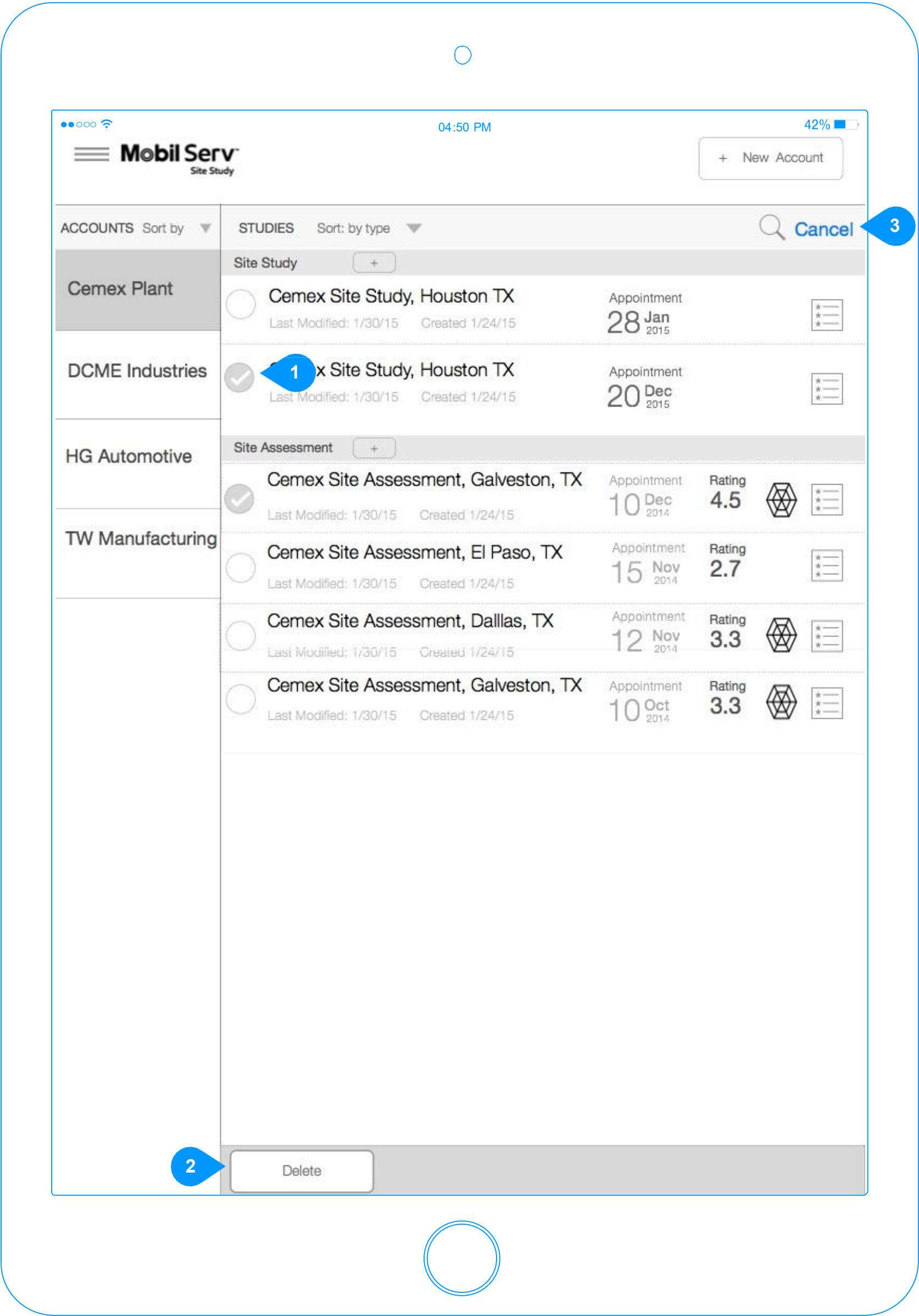
1

## Search

Tapping the search icon causes the search box to slide open up to the left. The Accounts tab panel is obscured during the search. Entering a string begins dynamically displaying studies that match or partially match the string in the study/assessment name. Tapping X within the search box clears the search box. Tapping Cancel returns the user to the dashboard normal state.

Dashboard-Delete Studies

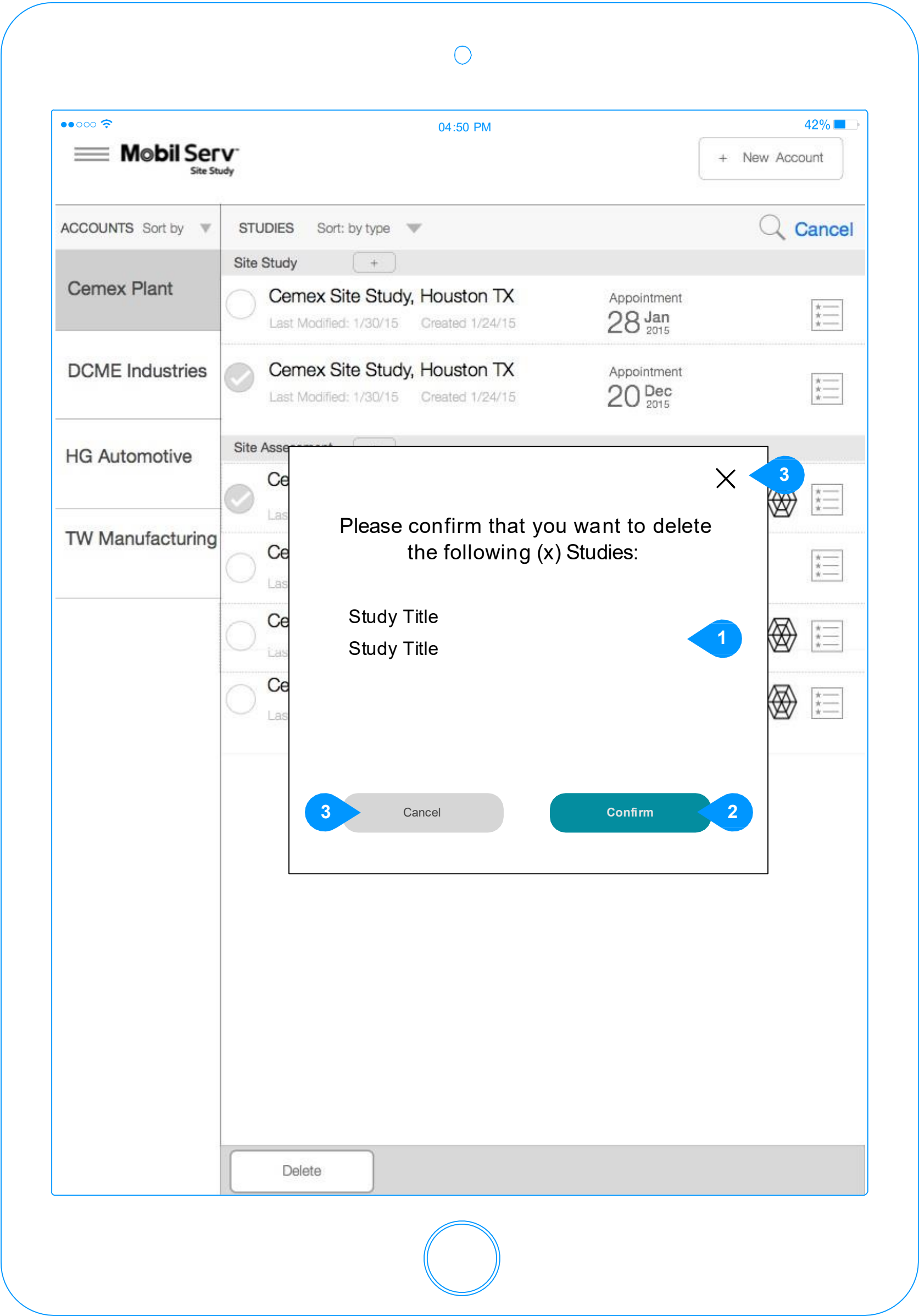
Screen ID



- 1 Select Studies to Delete**  
After tapping Edit in the top right of the study list, each row becomes selectable. Tapping anywhere on a row item will cause it to be selected as will be indicated with a checkmark as shown.
- 2 Bottom bar - Delete Action**  
When in the edit state, a bottom toolbar surfaces. At this time, the only action provided is Delete. Tapping delete, triggers a confirmation pop up that displays the number of studies selected for deletion and the study names. Once the user taps ok, studies are deleted and they are returned to the study list and taken out of edit mode. Note: when a study is deleted its contents such as any associated photos (which are not also already being used in any other study) are removed from the app but will remain in the iPad's camera roll.
- 3 Cancel**  
Tapping Cancel does not preserve actions taken and returns the user to previous state of the study list.

Dashboard-Delete Studies - Confirm

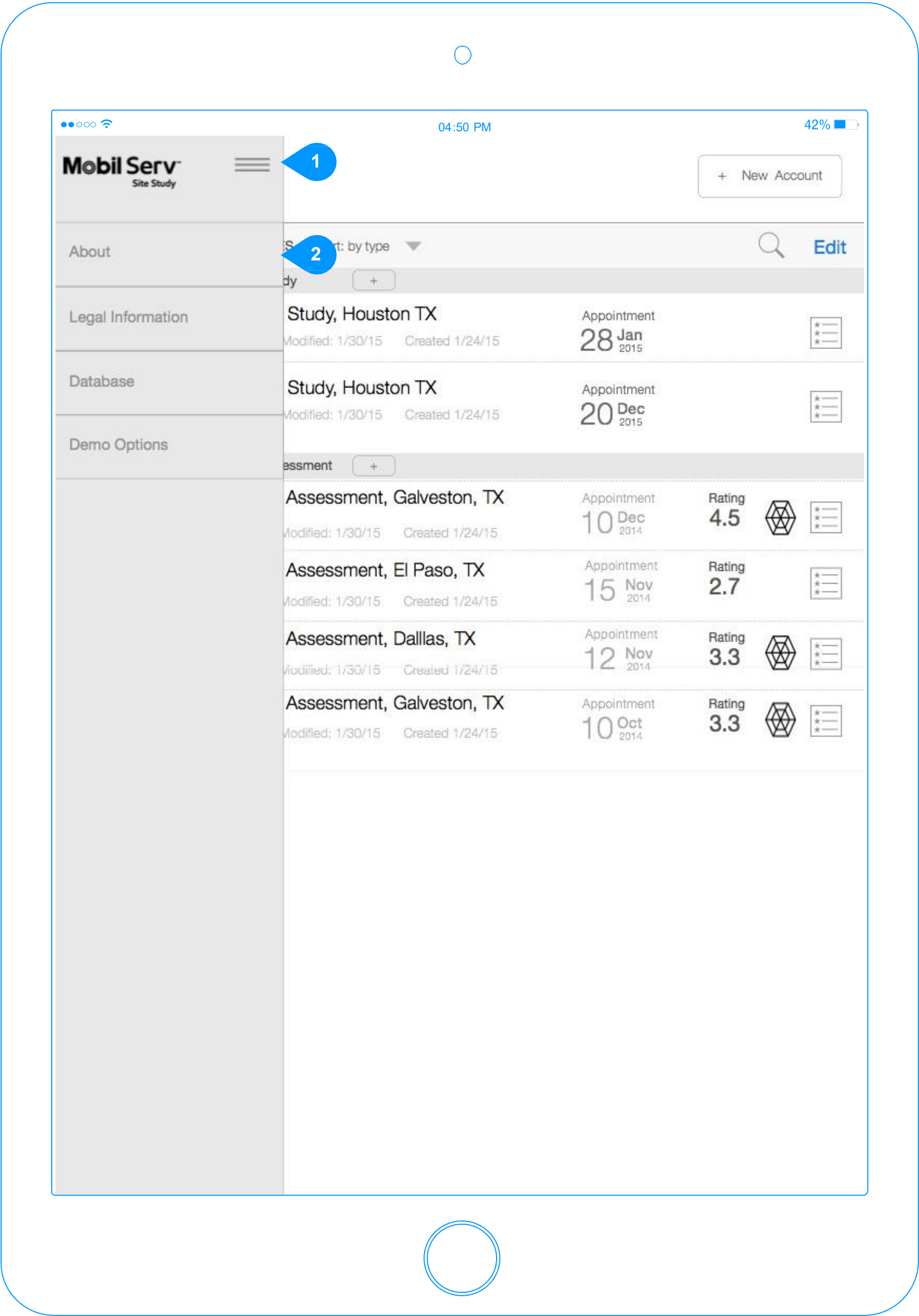
Screen ID



- 1 Display Studies to Delete**  
Display list of selected Studies by title to confirm deletion.
- 2 Confirm Button - Delete Action**  
Tapping the confirm button will fire delete action.
- 3 Cancel Button and Cancel X**  
Tapping Cancel does not preserve actions taken and returns the user to previous state of the study list.

Dashboard-Menu

Screen ID



1

**Menu**

Tapping the menu icon causes the slide out menu to appear. Tapping anywhere outside of the menu overlay closes the menu. Currently there are only a few items but menu is in place for app expansion and settings.

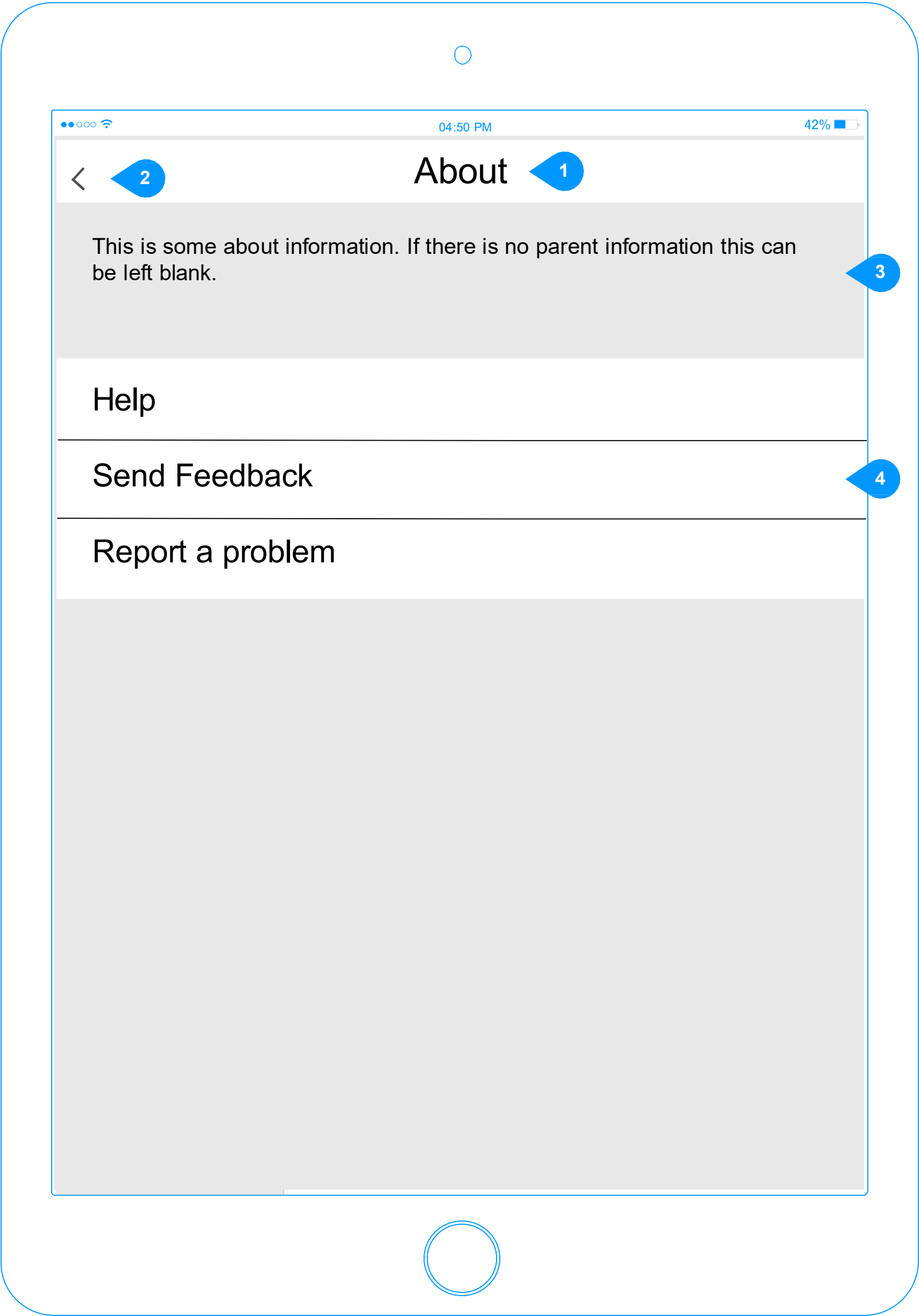
2

**Menu Item**

Tapping a menu item will slide out a new content screen for that title.

Dashboard-Menu Parent

Screen ID



- 1

**Menu Title**  
Slide into page view. If children exist display as a tappable list.
- 2

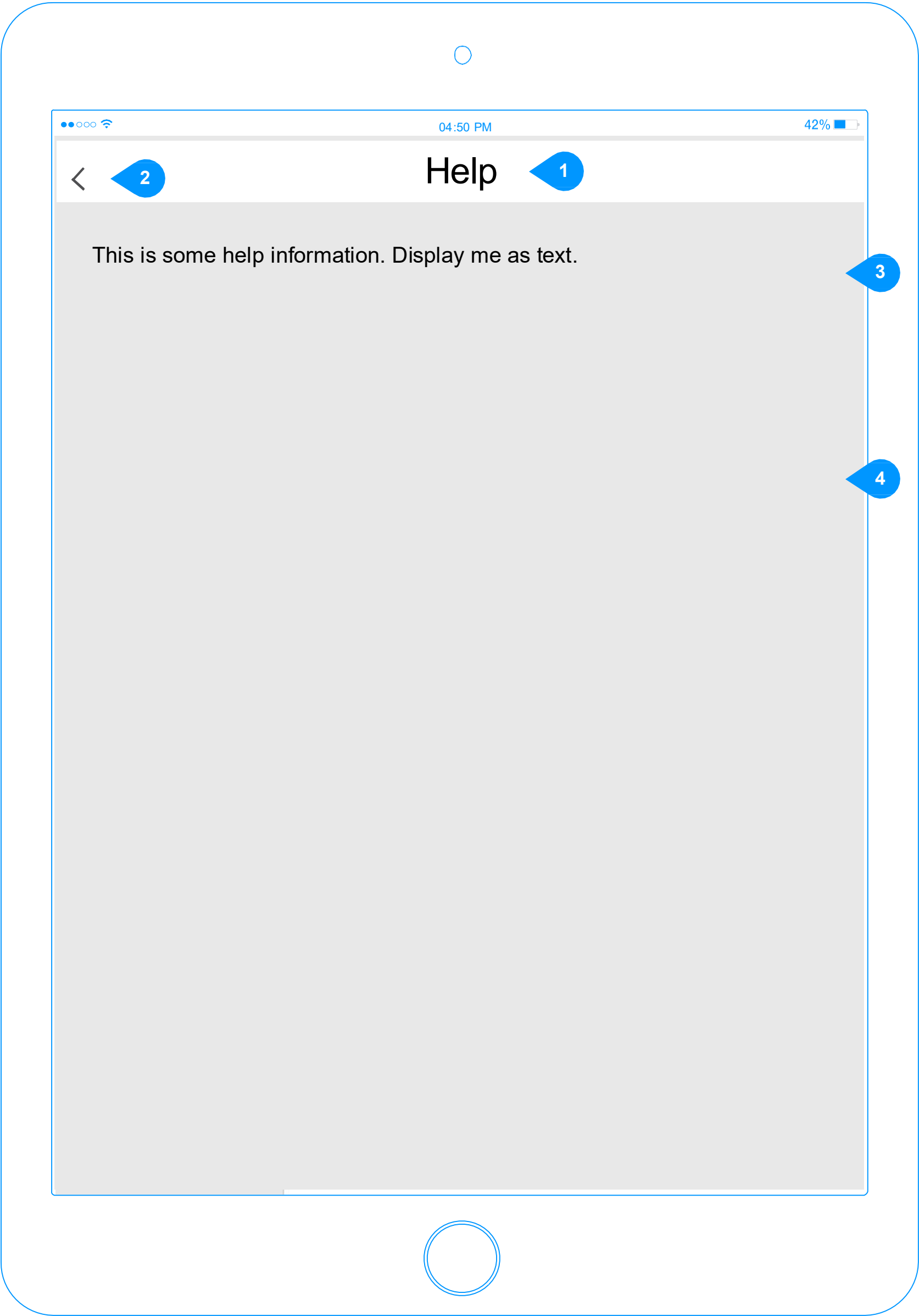
**Back Button**  
Return to previous screen if under parent, if at parent level return to slide menu expanded.
- 3

**Title Content**  
If content is available for the current title, display here.
- 4

**Child Titles**  
List of children navigation titles. Tapping these titles will take you to full page content. Hide list if no children are available.

Dashboard-Menu Child

Screen ID



- 1

**Menu Title**  
Slide into page view. If children exist display as a tappable list.
- 2

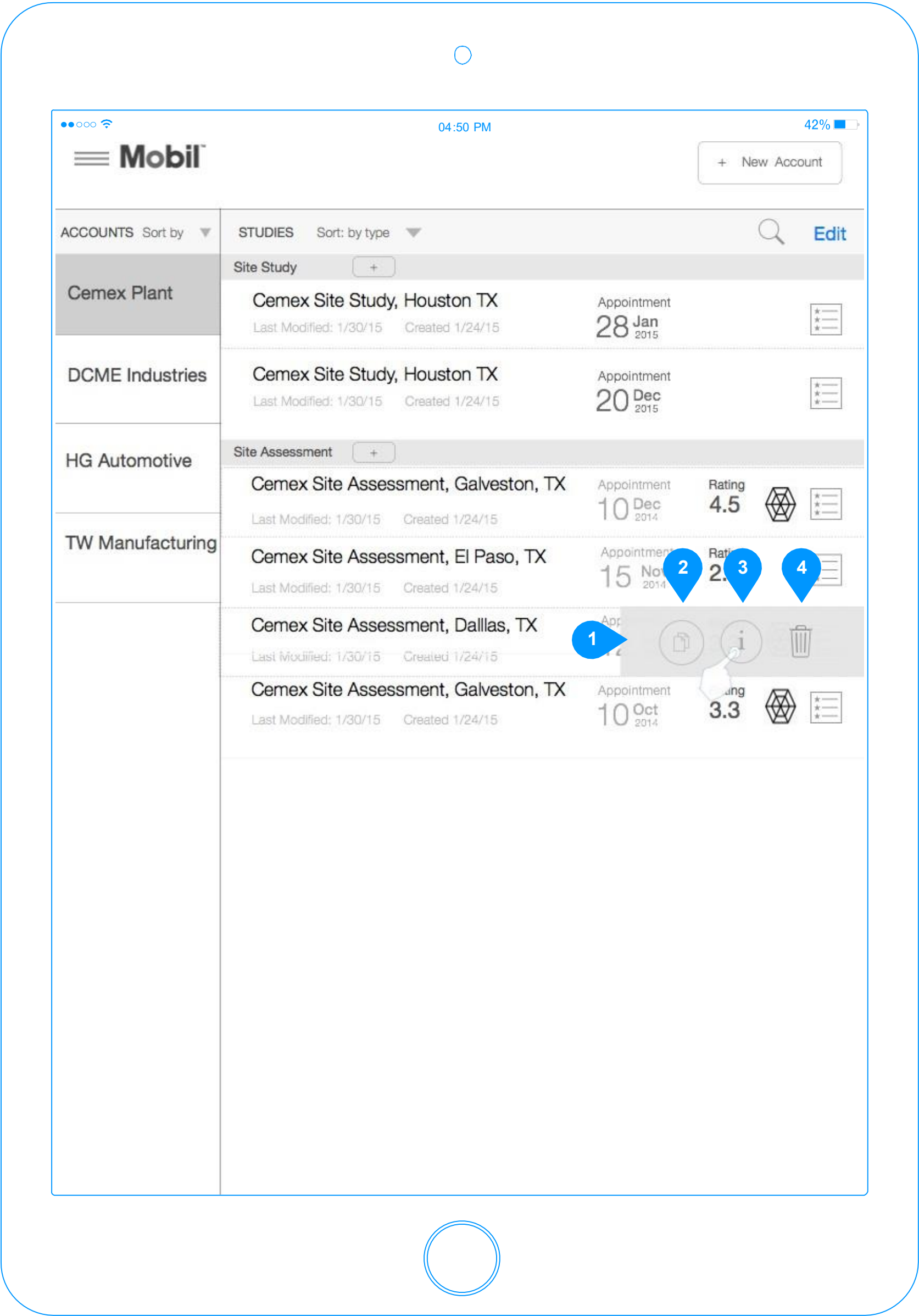
**Back Button**  
Return to previous screen if under parent, if at parent level return to slide menu expanded.
- 3

**Title Content**  
If content is available for the current title, display here.
- 4

**Child Titles**  
List of children navigation titles. Tapping these titles will take you to full page content. Hide list if no children are available.

Dashboard-RowTools

Screen ID



1

**Row Tools**

Swiping from right to left on a row item reveals the row toolbar. From left to right the row tools are clone, edit study title from access via 'i', and lastly a delete study icon. Tapping anywhere outside the toolbar closes the row toolbar.

2

**Clone Study**

Tapping the clone study icon clones the current row and places a copy below it. Contents (ratings and responses) will be cleared and the study title name will be the same as the one cloned with the addition of the word copy at the end of it (Cemex Site Assessment 2 Copy). Cloned studies can be associated with another account simply by editing the account name in the study info form. Likewise all fields in the study info form can be edited for a cloned study just as any other study.

3

**Edit Study Header Info**

Tapping 'i' icon takes the user back to the form they use when creating a study. There they can perform edits to study name and other fields.

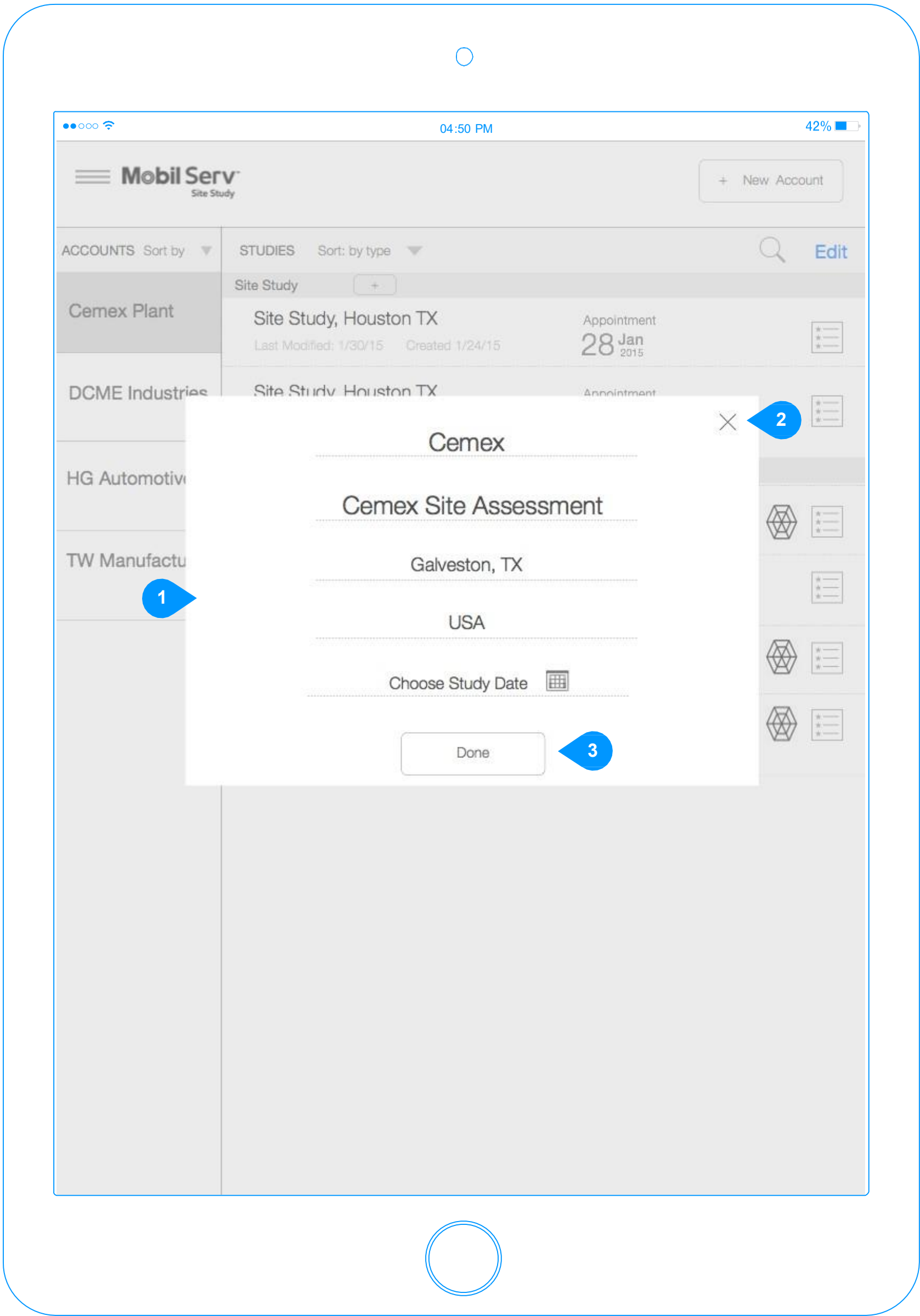
4

**Delete single study**

Tapping delete icon brings a confirmation screen to delete that study. Tapping OK to confirm removes that study.

## Dashboard-Edit Study Info

Screen ID



1

### Edit Study Info

This screen can be accessed via the 'i' icon in the study row toolbar or by tapping on the appointment date on a study row item. All fields are editable.

2

### Close

Tapping X closes screen and returns to the previous state.

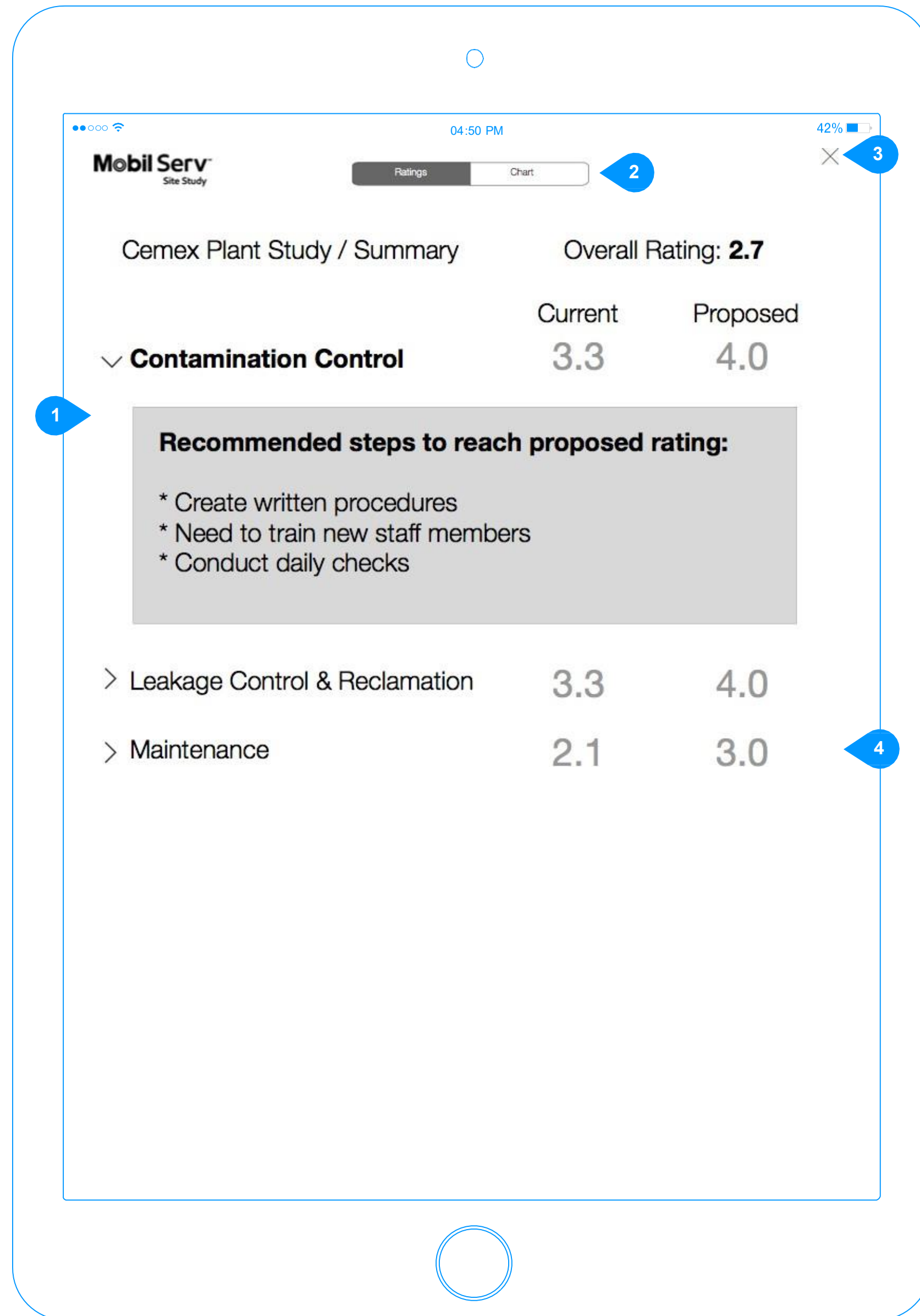
3

### Done

Tapping Done saves changes and returns to the previous state.

## Dashboard-Recommendation Summary

Screen ID



**1 Recommendation Summary Report**  
This screen is accessed by tapping on the recommendation summary icon at the far right of a study list row item. The contents of this screen are a collection of what was entered as highlights for each section of the study conducted. It's main purpose is to show a plant mgr the key recommendations and highlights while still on site. This is new to the app.

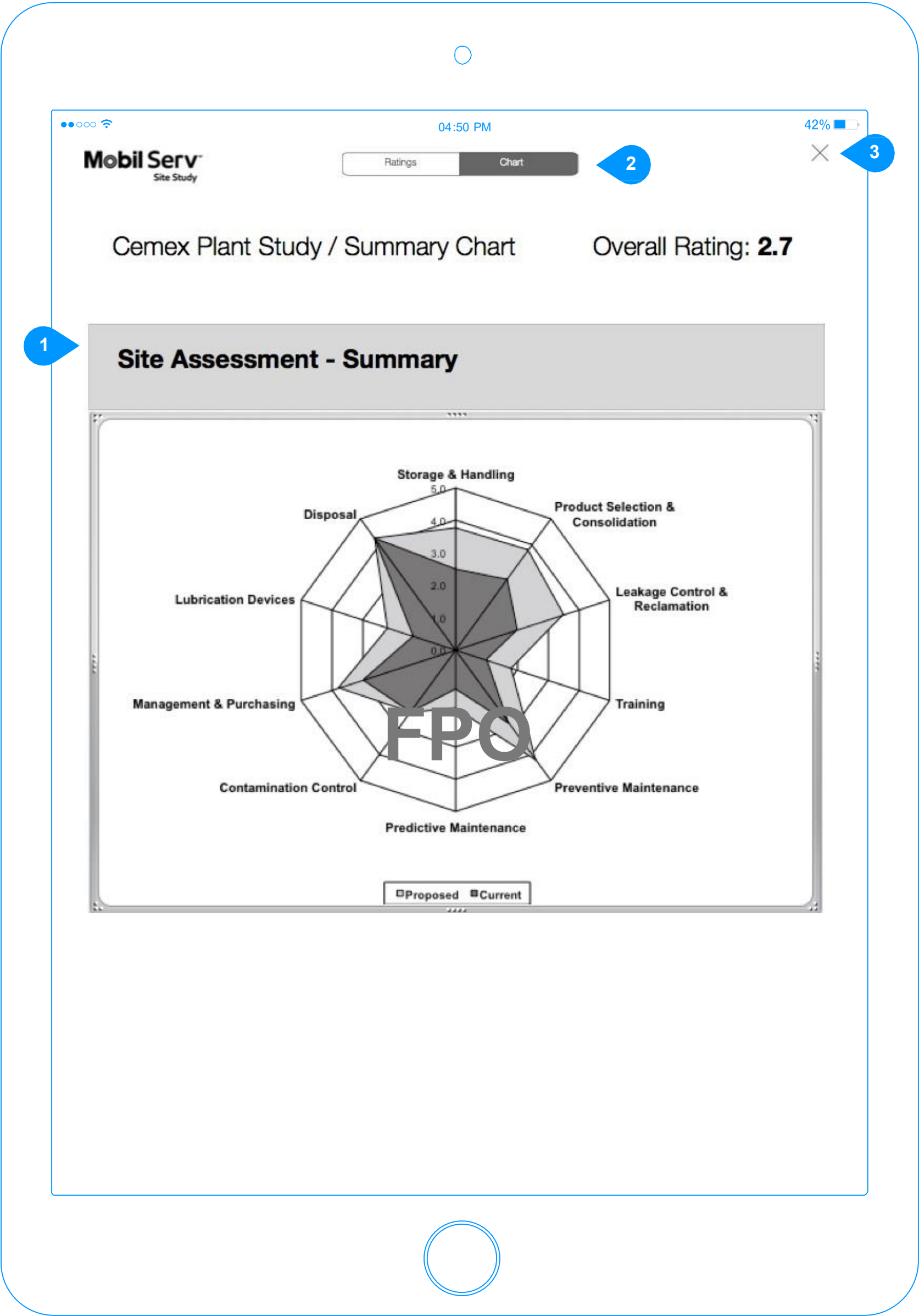
**2 Summary/Chart Toggle**  
This segmented control allows the user to tap and toggle back and forth between summary and chart view

**3 Close**  
Tapping X closes the screen and returns to the study list.

**4 Color Coding**  
If a rating is 2 or less it should appear in red to convey immediate action recommended. (wireframe b&w so not depicted in example at left)

Dashboard-Summary Chart

Screen ID



1

**Chart**

Chart view can be accessed directly by clicking on the chart icon within a study row item in the study list. It can also be accessed from the Recommendation Summary view by tapping on Chart on the segmented control at the top of the screen. Only those sections chosen in your site assessment are depicted in the spider chart. The chart should display the current ratings on the left and the proposed ratings on the right (example image at left for placement only "FPO"). The spider chart is dynamically produced as you go along and enter ratings after each section and is available for view at any time.

2

**Toggle**

Users can toggle back and forth from chart view to recommendation summary view.

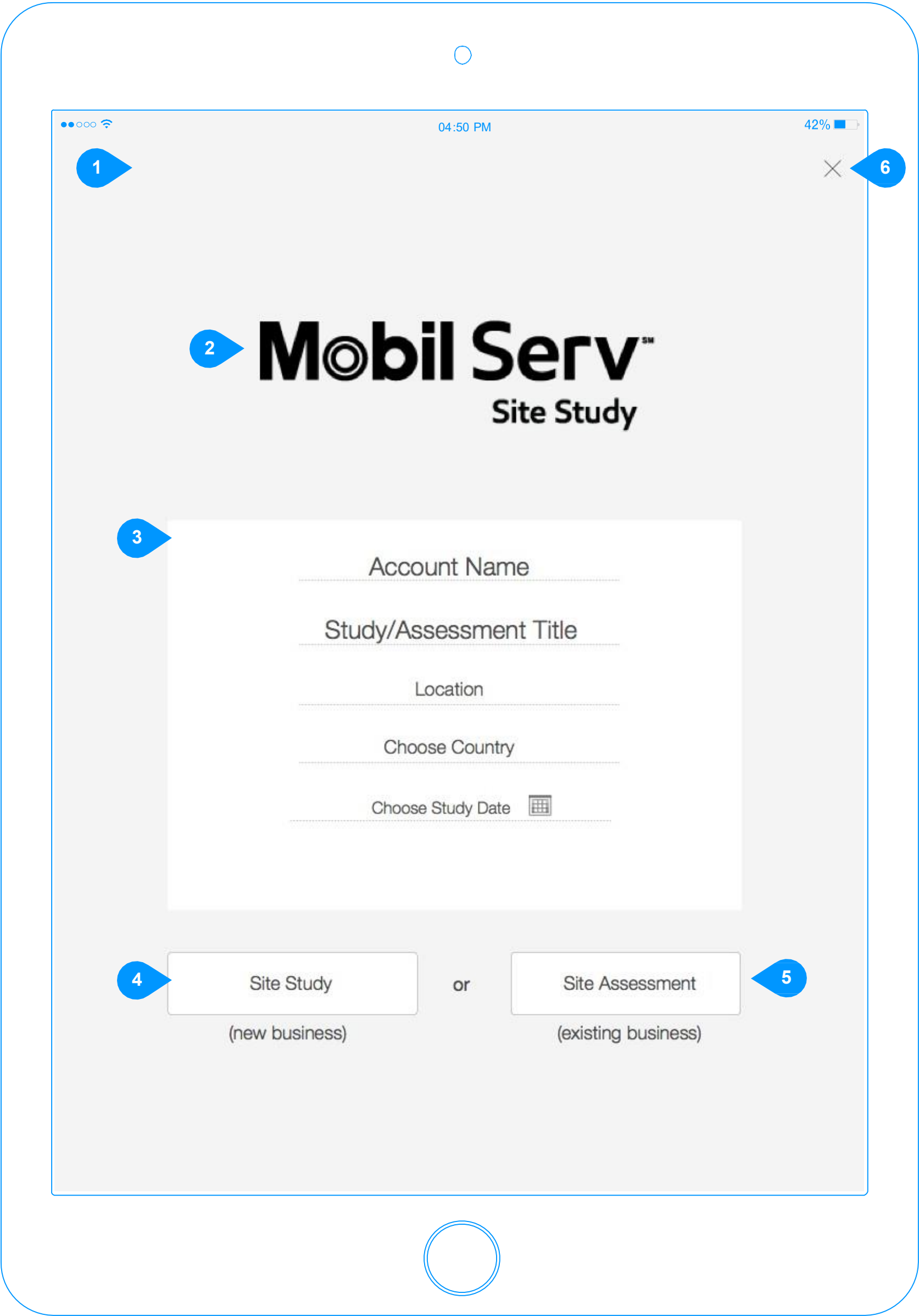
3

**Close**

Tapping X closes the screen and returns to the study list.

## Dashboard>Create New Study

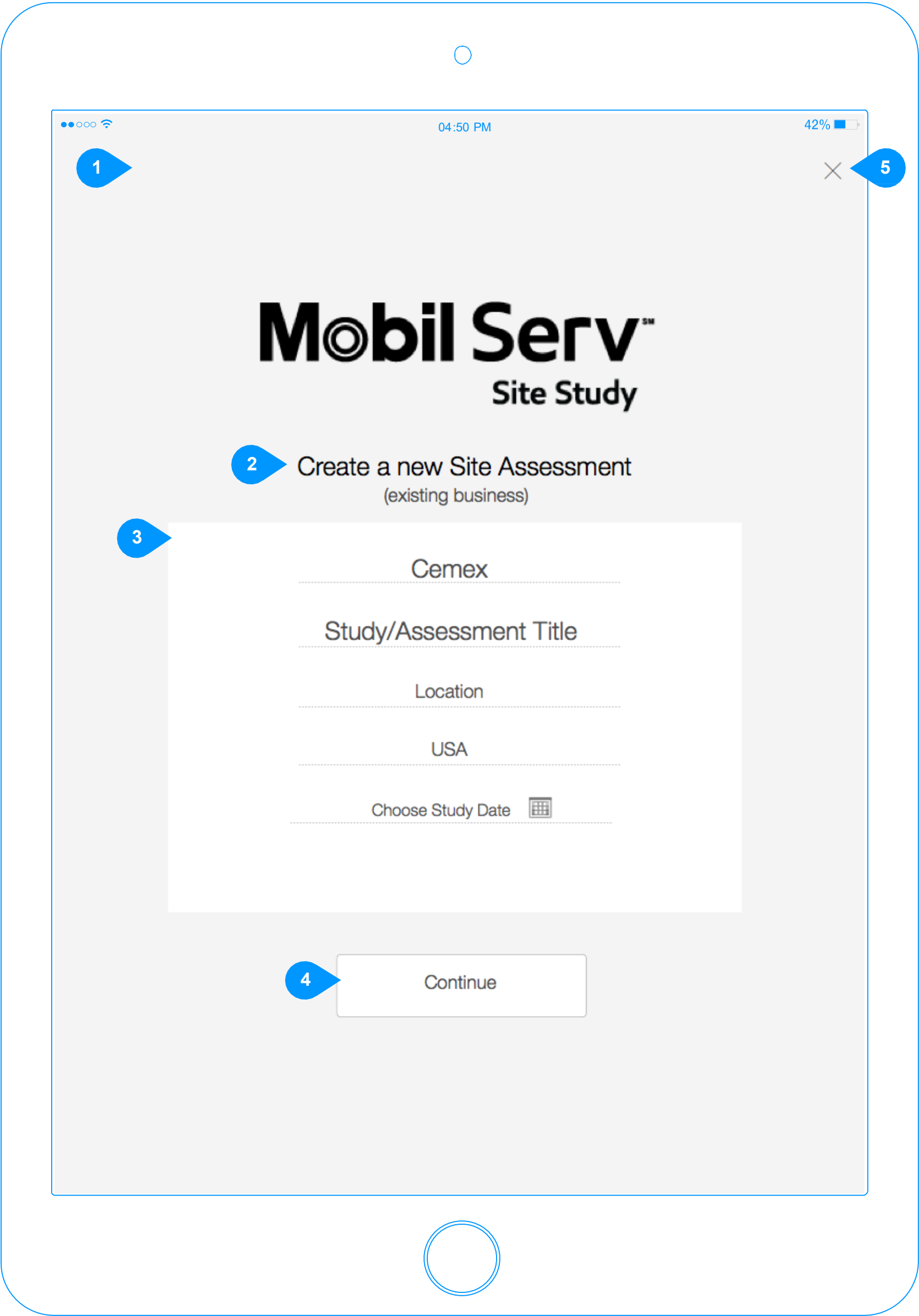
Screen ID



- 1 **New Account Study**  
Tapping New Account on the dashboard study list screen brings up a blank form to be completed.
- 2 **Logo**  
Logo is displayed.
- 3 **Form**  
The study form allows you to enter the following: Account name, Study/Assessment Title, Location, Country and appointment date. Tapping in the country field causes a pre filled list of countries to be displayed for the user to pick from. Date is formatted based on localization setting of the device.
- 4 **Site Study**  
Tapping Site Study takes you to the choose sections screen for a Site Study.
- 5 **Site Assessment**  
Tapping Site Assessment takes you to the choose sections screen for a Site Assessment.
- 6 **Close**  
Tapping X closes the screen and returns to the study list.

# Dashboard>Create Study-Existing Account

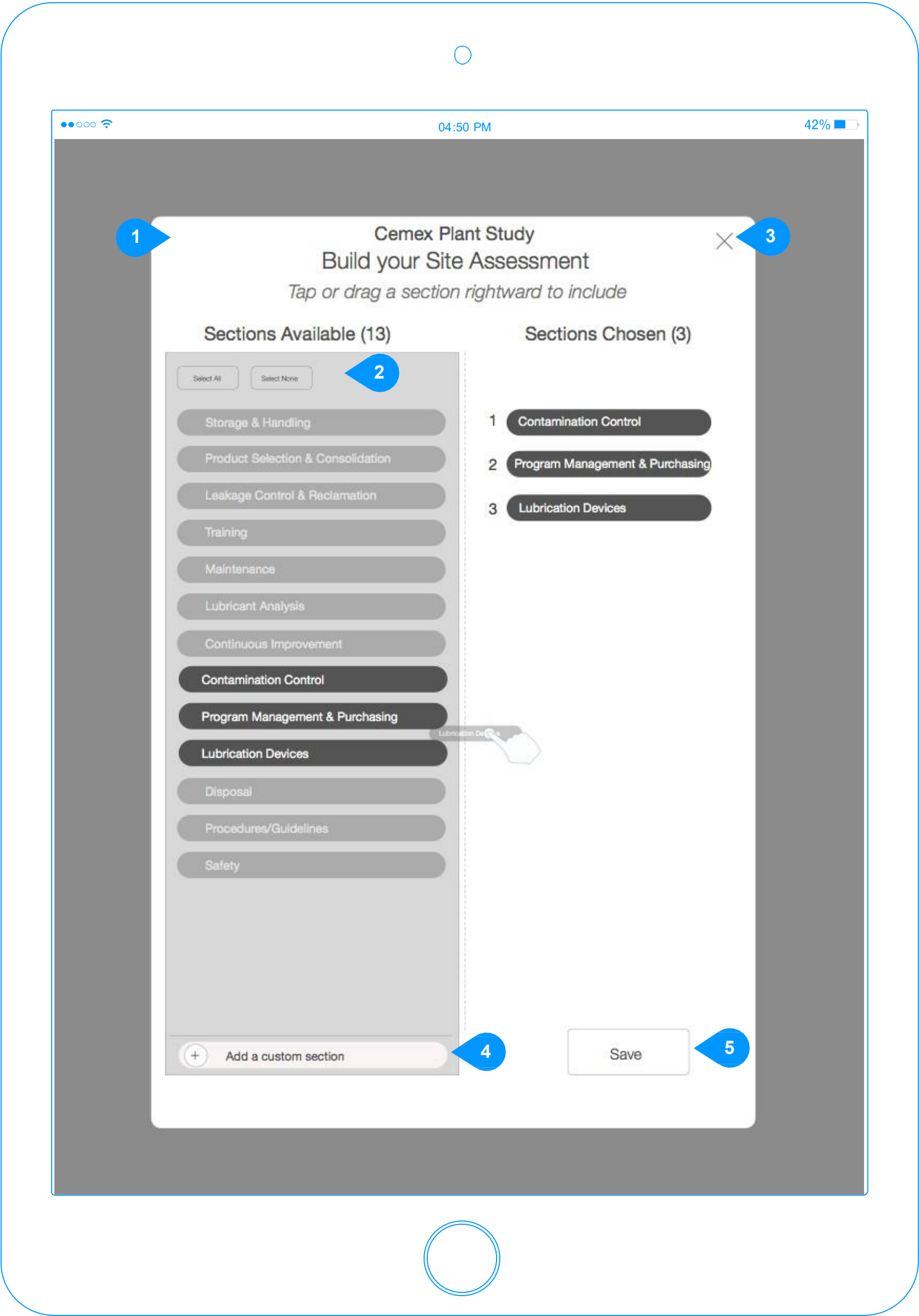
Screen ID



- Existing Account Study**  
Tapping + button on study type header on the dashboard study list screen is way to start a new site assessment for an existing account. When the form comes up it is pre-populated with the exception of Date which the user must choose.
- Study Type**  
Since in this example the + plus button was tapped in the Site Assessment header row on the dashboard, this screen reflects that you intend to create a new site assessment for that same account. (had the user tapped the plus from the site study header, it would display Create a new Site Study instead)
- Form**  
The form pre-populates only the Account name and Country. All form fields are editable.
- Continue**  
Tapping Continue takes you to the choose sections screen for your new Site Assessment for this existing account.
- Close**  
Tapping X closes the screen and returns to the study list.

## Choose Site Assessment Sections

Screen ID



1

### Choose Section Screen

When the user creates a new study, they can choose among the offered sections to include. In addition they can add their own custom section.

2

### Selecting Sections

By default, all sections are selected by default. Users can tap select none and then manually tap the sections they wish to include. Alternatively, users can choose items by dragging them to the right column. Users can also drag and reorder sections if desired.

3

### Close

Tapping X closes the screen and returns to the study list.

4

### Custom Section

Custom section will behave as it does in the current app. Users can name the section and the app allows them to add notes and photos to that section but can't add their own questions at this time.

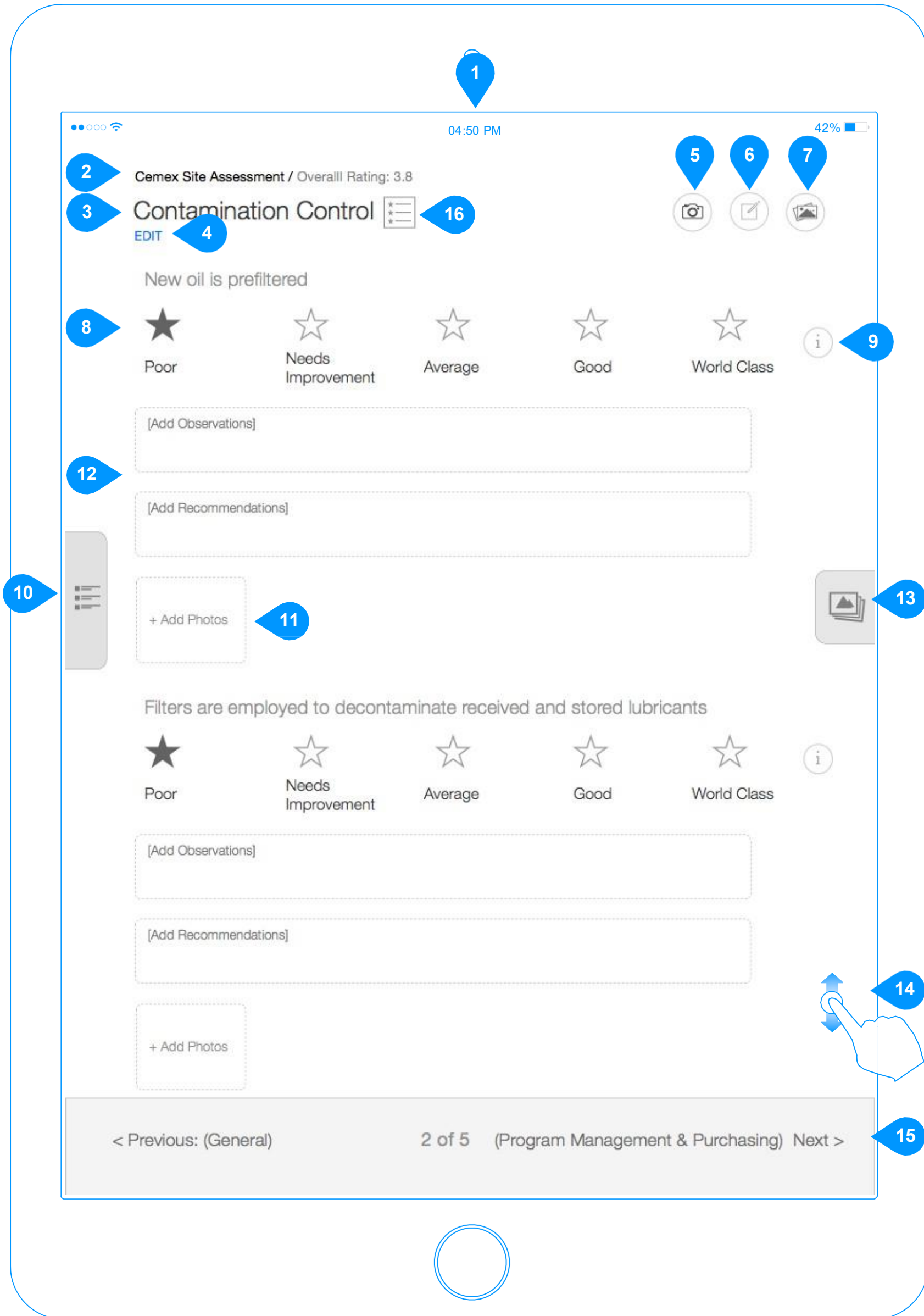
5

### Save

Tapping Save will save the chosen sections and advance the user into the first section to begin entering data into their study.

## Site Assessment-Section Example

Screen ID



1

### Example Site Assessment Page

Study sections consist of questions and answers. New to the app will be the ability to associate photos and notes directly to ANY question.

2

### Study Header line

The study header line consists of the study name (and the current study rating for the Site Assessment).

3

### Section Name

Displays the name of the current section.

4

### Edit

Tapping Edit takes you into the section edit mode to remove unneeded questions if desired.

5

### Freelance Tools: Camera Button

Freelance tools are a way to take photos and add notes without associating them to a particular question at the moment. Tapping Camera, directly accesses the camera to take a photo. Photos taken from the freelance toolbar and any attached to questions directly are saved to the Media Drawer. After adding a freeform photo, the Media Drawer should be open with the photo that was just captured displayed as a thumbnail and selected. Tapping a thumbnail opens the photo in the photo annotation screen.

6

### Freelance Tools: Note

Freelance tools are a way to take photos and add notes without associating them to a particular question at the moment. Tapping Note, presents the user with a text box to enter a note. Notes initiated and created from the freelance toolbar are then saved to the Media Drawer. After adding a freeform note, the Media Drawer should be open with the note that was just captured displayed as a note icon and selected.

7

### Media Drawer

Tapping Media Drawer icon causes the media drawer to slide out from the right edge of the screen. By default it should open to the photos tab. Tapping again on the icon closes the drawer. Alternatively tapping anywhere on the screen outside of the drawer also closes the drawer.

8

### Rating Stars

Tapping on a star causes it and all preceding stars to change to their darkened state. For example, tapping on the third star (average) causes the first, second, and half of third star to darken. Tapping a second time to fill last star as today. Text below each star should be centered. All labels should be centered below.

9

### Rating Definitions

Definitions for the ratings can be accessed by tapping the 'i' icon next to the rating scale. Once the overlay appears containing the definitions, tapping anywhere outside of the overlay will dismiss it.

10

### Navigational Panel access

Tapping on this tab or dragging it rightward exposes the section navigation panel, allowing users to easily jump to another section.

11

### Add Photos

Tapping add photo(s) directly accesses the camera so the user can begin taking a picture without any additional taps. If the user chooses they can change from single (default) or batch prior to taking the picture. If they select batch they can snap picture after picture and when they tap done, all photos will be placed on the page for that section as thumbnails. For single shot mode (default), picture is placed immediately. If the user desires to annotate a photo they can tap on a thumbnail to enter a photo annotation screen (as in current app).

12

### Add Observations and Recommendations

Observations and recommendations are entered each in their own text box.

13

### Media Drawer Tab

Tapping this tab or dragging it leftward pulls out the media drawer. By default the media drawer opens to a one column state. Dragging it further leftward if feasible could reveal a large drawer state allowing the user to view four columns of thumbnails instead of one if desired to be able to view more photos at a time.

14

### Scrolling

Users scroll within a section to reveal additional questions by swiping upward.

15

### Section Controls Panel

The section control panel allows user to go to the previous or next section.

16

### Summary Report Icon

Provides ongoing access to the summary report which is compiled as you complete the proposed ratings screen after each section.

## Site Assessment- Rating Definition

Screen ID

The wireframe shows a mobile app interface for a site assessment. At the top, it says 'Cemex Site Assessment / Overall Rating: 3.8'. Below this is the title 'Contamination Control' with an 'EDIT' link. The main content area displays the question 'New oil is prefiltered' followed by five star ratings: 'Poor', 'Needs Improvement', 'Average', 'Good', and 'World Class'. A callout bubble labeled '1' points to an information icon ('i') next to the 'World Class' rating. A second callout bubble labeled '2' points to a large overlay box titled 'Rating Definition / New oil is prefiltered'. This overlay contains the following definitions:

- Poor (1)** = no system in place
- Needs Improvement (2)** = ad hoc approach efforts only
- Average (3)** = focus in this area with some success and support but no formal program
- Good (4)** = formal program in place with success, valued by lube handlers and management at least verbally
- World Class (5)** = formal program in place with success, written standards in place, formal training/expectations on standards in place, valued by lube handlers and management with formal recognition, regular in house assessments conducted on program effectiveness, periodic external reviews on program effectiveness

Below the overlay, there are three text input fields labeled '[Add Observations]', '[Add Recommendations]', and '+ Add Photos'. At the bottom, a navigation bar shows '< Previous: (General)', '2 of 5 (Program Management & Purchasing)', and 'Next >'.

1

### View Rating Definition

Tapping on the 'i' icon causes the rating definition overlay to appear.

2

### Rating Definition Overlay

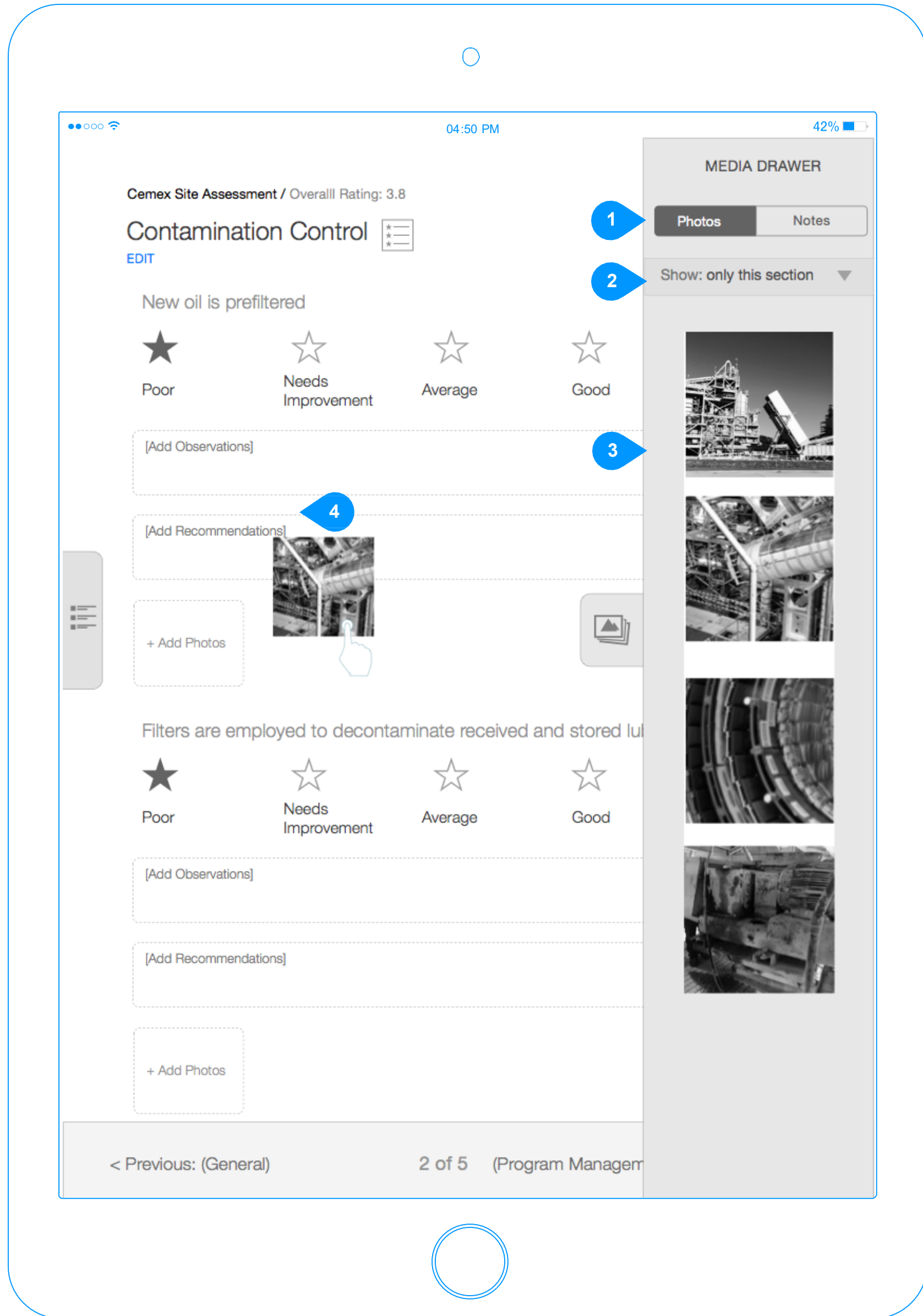
Overlay displays the definition of the ratings for that given question. This is used as an optional aid in understanding and providing a more objective way for individuals to rate the same question the same way.

### Dismissing the Overlay

Tapping anywhere outside the overlay dismisses the overlay.

## Site Assessment-Media Drawer

Screen ID



1

### Media Drawer Tabs

Users can tab between Photos and Notes by tapping on the corresponding tab. The selected tab will be indicated by a darkened state. The default tab is Photos. Both photos taken via the camera icon (freelance toolbar) and via the add photo button will all be available in the Media Drawer.

2

### Filter

User can filter what is shown in the tray in the following way: camera roll, photos in this study, photos in this section, photos in this app. Exact filters TBD

3

### Content Area

A single column of scrollable thumbnails.

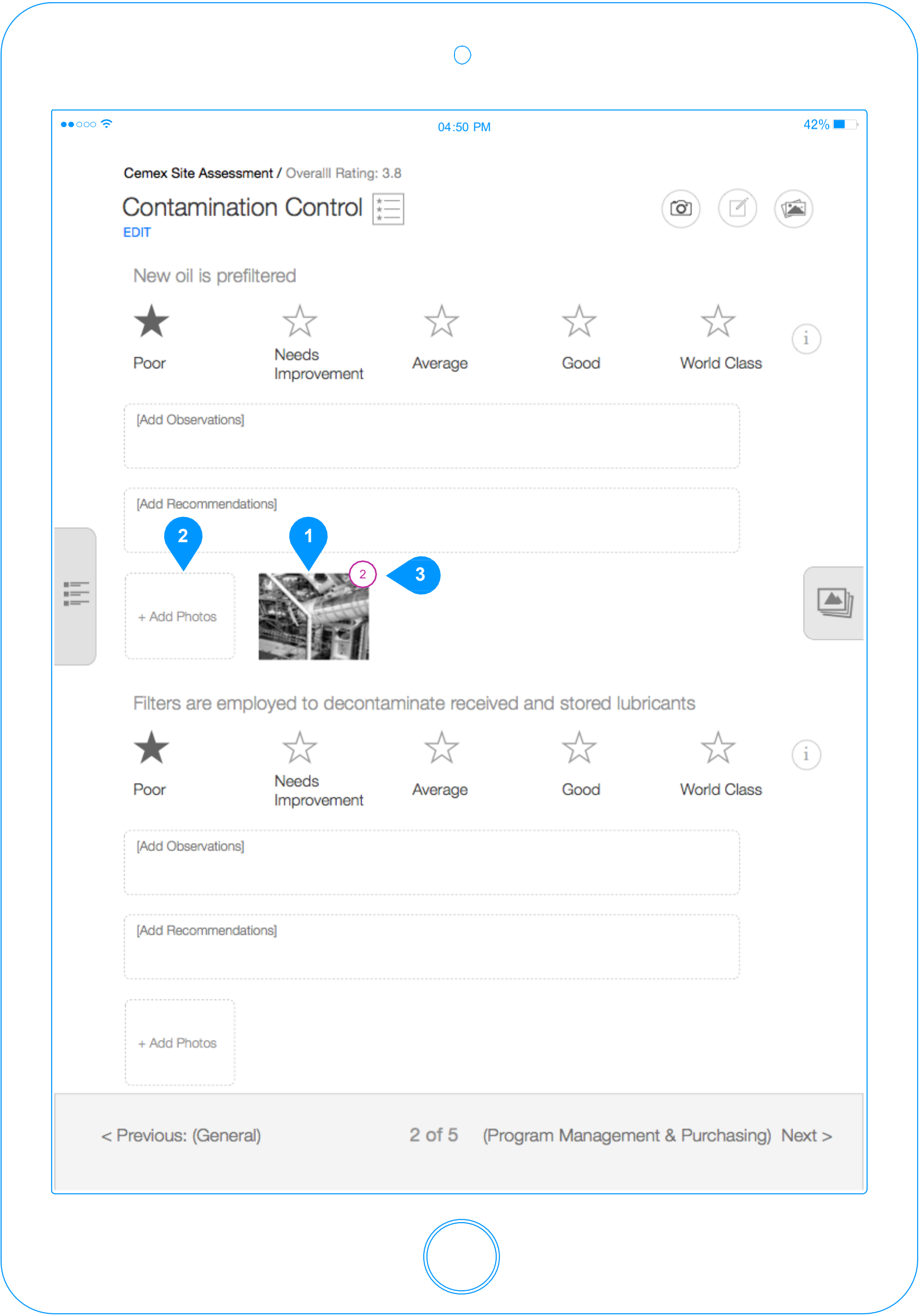
4

### Sticker Book Concept

Users can drag and snap photos into place for any question in their study. If a photo already exists for that question, It will snap immediately to the right of the last existing photo. Likewise, users can drag their notes from the media drawer into a text box for either an observation or a recommendation to make them displayed with that question. This flexibility allows the user to capture content in a way best suited for their environment whether that be freeform and associate to questions later or directly adding content to each question directly via the button under each question in a study.

## Site Assessment-Photo Added

Screen ID



1

### Photo Added

Example of a photo that has been added/associated to a question. Tapping the photo works as it does in the current app by taking you to the photo viewer from where you can delete or choose to edit the photo (note: dev to determine editing via photo kit versus existing).

2

### Subsequent Additions

The app always maintains a new photo slot. It always maintains the left-most position.

3

### Annotation Indicator

Photos that have annotations will be denoted by an indicator. The indicator should convey the number of annotations on the photo.

# Edit Photo

Screen ID

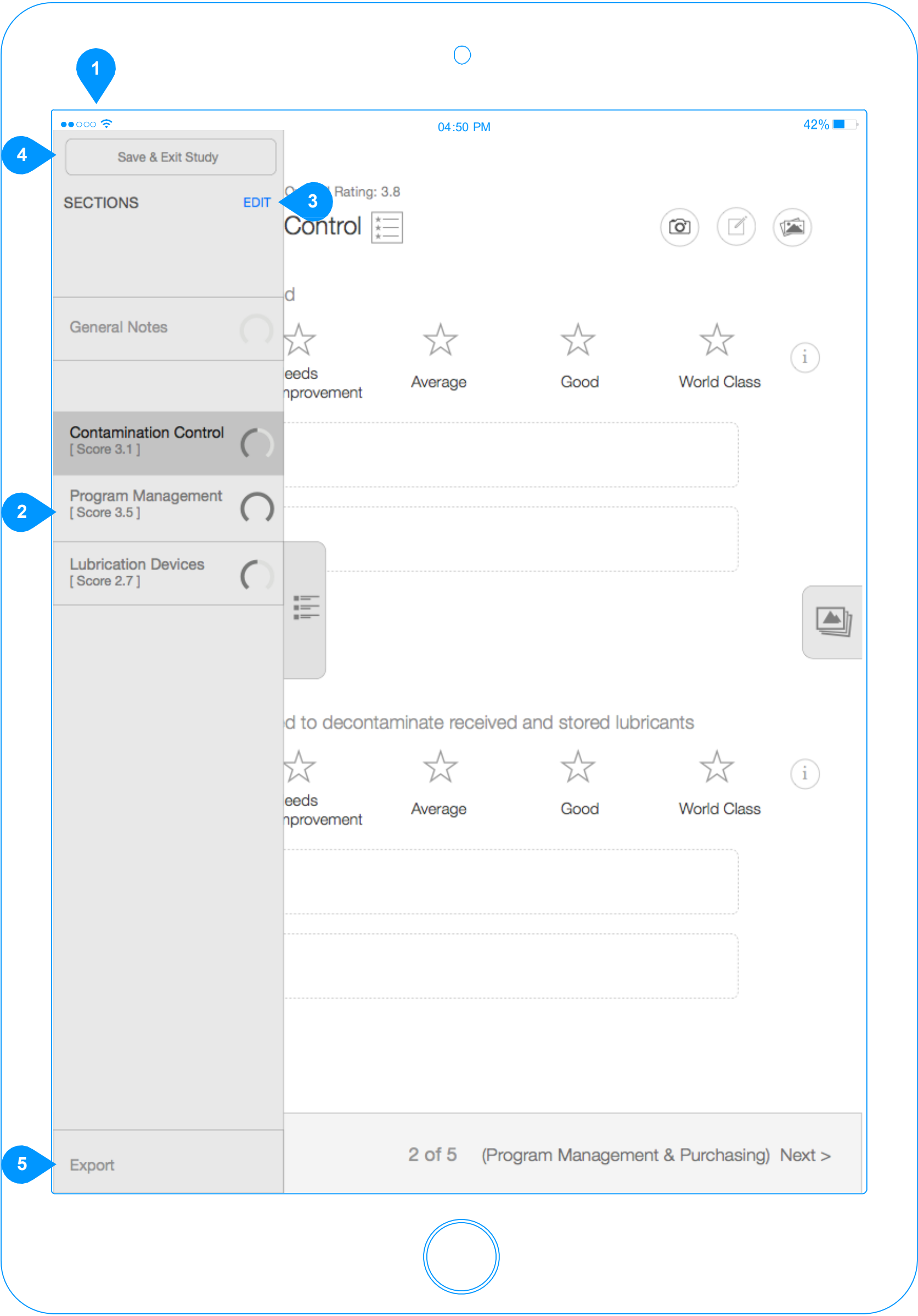


- 1 Draw Tool**  
The draw tool allows you draw with your finger on the image. (e.g circle an area)
- 2 Comment**  
The comment tool allows you to enter text and then move that text anywhere on the photo.
- 3 Arrow**  
Arrow tool allows you to draw a line segment arrow with your finger as in the current app. Note: Tapping on this tool allows to choose between an arrow, circle, or rectangle shape as in the current app.
- 4 Crop**  
Crop tool allows you to crop the image.
- 5 Rotate**  
Rotates image.
- 4 Undo**  
Erases the last action.

**General Note:**  
Dev to investigate photo editing capability of PhotoKit. This wireframe is to depict layout of photo editing screen and suggested functionality based on current app rather than precise functionality of all editing capabilities. Please also refer to photo editing capabilities of current app for reference.

# Navigation Panel

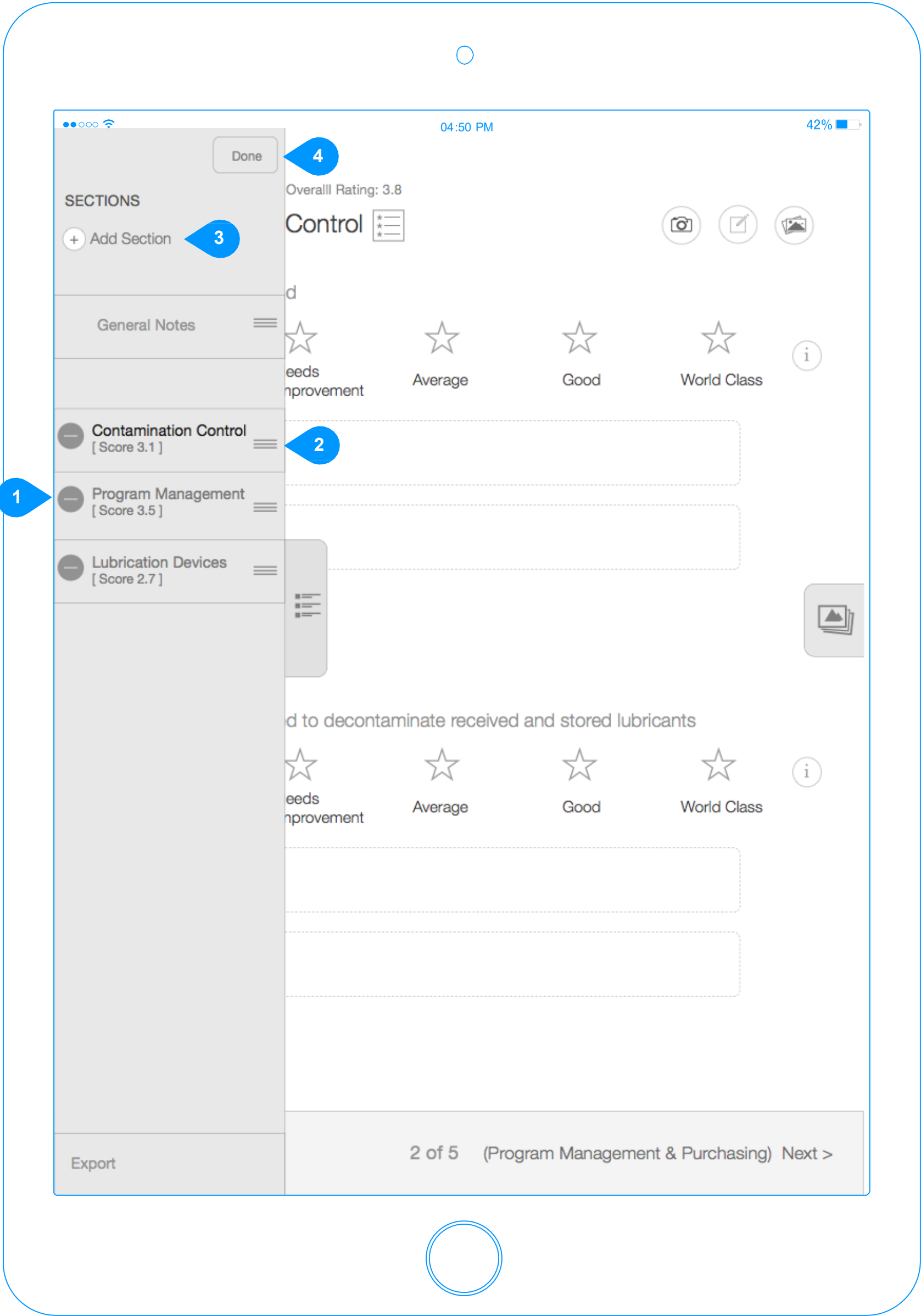
Screen ID



- Section Nav Panel**  
The section nav panel slides out from the left side of the screen. It contains a list of the sections currently included in the study. Tapping on a section takes the user to that section and closes the nav panel
- Section List item**  
Each item in the section list consists of the name of the section, the status of the section, and section score if relevant. To the right of each section is a completion status indicator. Status indicator has three states as follows: not filled (section new or not started); partially filled (some work has been done in that section); and completely filled (section is complete). Visual design to address final icons for all icons throughout this document.
- Edit**  
Tapping the Edit button takes the user to the Edit Section List state.
- Save & Exit Study**  
Tapping this button saves and exits the study returning them to the Dashboard (study list screen). Note: study should autosave all the time as you go along so language is more to provide comfort to the user when exiting.
- Export**  
Tapping this button takes the user to the Export screen.

# Edit Section List

Screen ID



1

## Deleting a Section

Edit section list mode allows the user to remove unneeded sections. Tapping on the delete icon will reveal the delete button for that row (standard iOS behavior). Tapping Delete removes that section from the study. If that section contained data a warning confirmation shall be shown. Note: General Notes section can't be deleted but can't be excluded from export if desired.

2

## Re-order Sections

Move icons on each row allow the user to drag to rearrange the section order.

3

## Add Section

Tapping Add Section takes the user to the choose section screen (as seen when building new study). From there they can add in a previously overlooked but now necessary section to include in their study.

4

## Done

Tapping Done saves changes and returns the user from the edit state to the normal state. If the user taps outside of the Nav Panel area the panel closes and no changes take effect.

## Going to Next Section

Screen ID

04:50 PM 42%

Cemex Site Assessment / Overall Rating: 3.8

### Contamination Control

EDIT

New oil is prefiltered

Poor Needs Improvement Average Good World Class

[Add Observations]

[Add Recommendations]

+ Add Photos

Filters are employed to decontaminate received and stored lubricants

Poor Needs Improvement Average Good World Class

[Add Observations]

[Add Recommendations]

+ Add Photos

< Previous: (General) 2 of 5 (Program Management & Purchasing) Next >

1

### Next Section Control

When the user is done entering data for that section and taps next section they are presented with a section summary entry screen (as shown on next page) prior to advancing to the next section.

# End of Section Summary Screen

Screen ID

Cemex Site Assessment / Overall Rating: 2.7

Section Complete: Contamination Control

Enter Proposed Score and Recommendations before moving to next section.

	Current	Proposed
Contamination Control	2.6	3.1
Program Management & Purchasing	3.5	4.0
Lubrication Devices	2.7	3.0

Recommended steps to reach proposed rating:

- \* Create written procedures
- \* Need to train new staff members
- \* Conduct daily checks

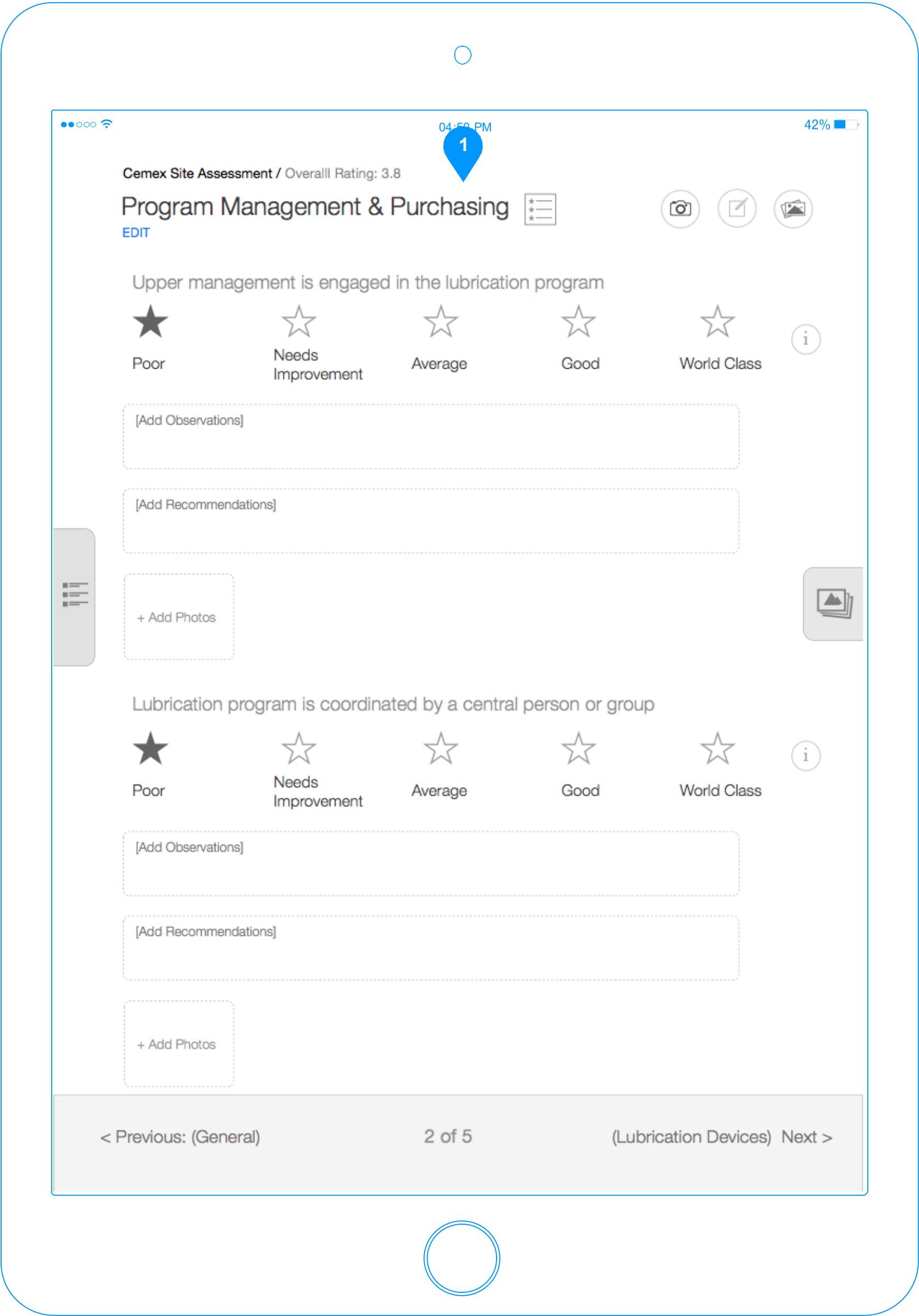
Back

Proceed to Next Section >

- Instructional Copy**  
Instructional copy is provided for this screen to direct the user to enter a proposed rating (site assessments only) and recommended steps.
- Proposed Rating**  
Tap in the box and enter the proposed rating. The field accepts only one decimal place. If two digits are tapped without tapping a decimal it should be assumed and inserted automatically.
- Expanded State**  
The just completed section appears in the expanded state allowing for entry.
- Recommended Steps Header**  
This prescriptive header is displayed and non-editable to suggest the type of data to be entered (e.g. how to get from the current rating to the proposed rating).
- Freeform Text Entry**  
This area allows the user to enter free form text describing the steps to get to the proposed rating. Auto-formatting TBD (e.g bullets)
- Expand/Collapse**  
Tapping on a previous collapsed will cause it to expand and reveal its contents. Previous sections can be edited if desired.
- Proceed to Next Section**  
Tapping this button advances the user to the next section.
- Back**  
Tapping this button returns the user to the previous section.

Next Section Example

Screen ID



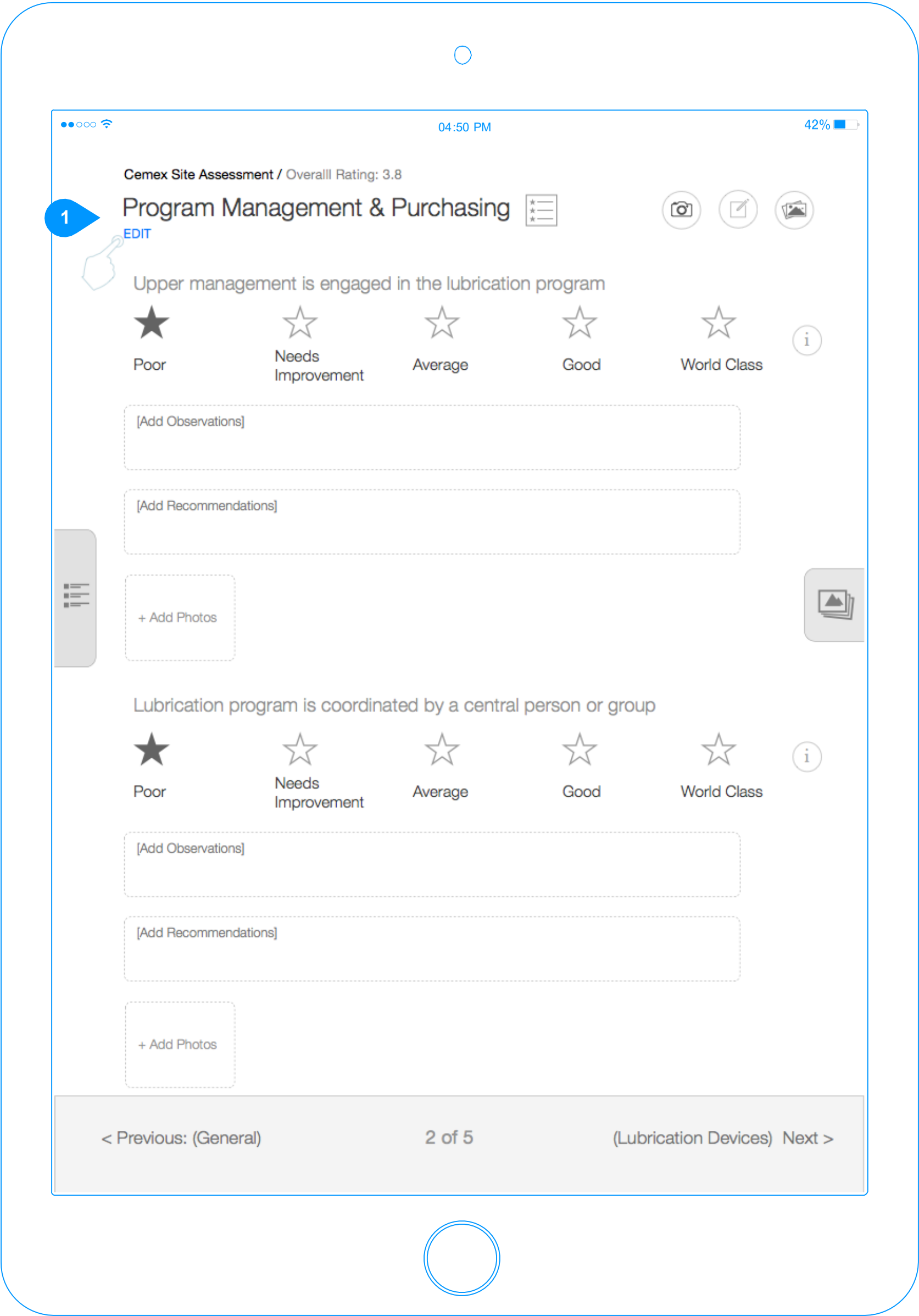
1

Example Next Section

After completing a proposed rating and entering any recommendations on the end of section summary screen, user advances to next section as displayed here.

Edit Section 1

Screen ID



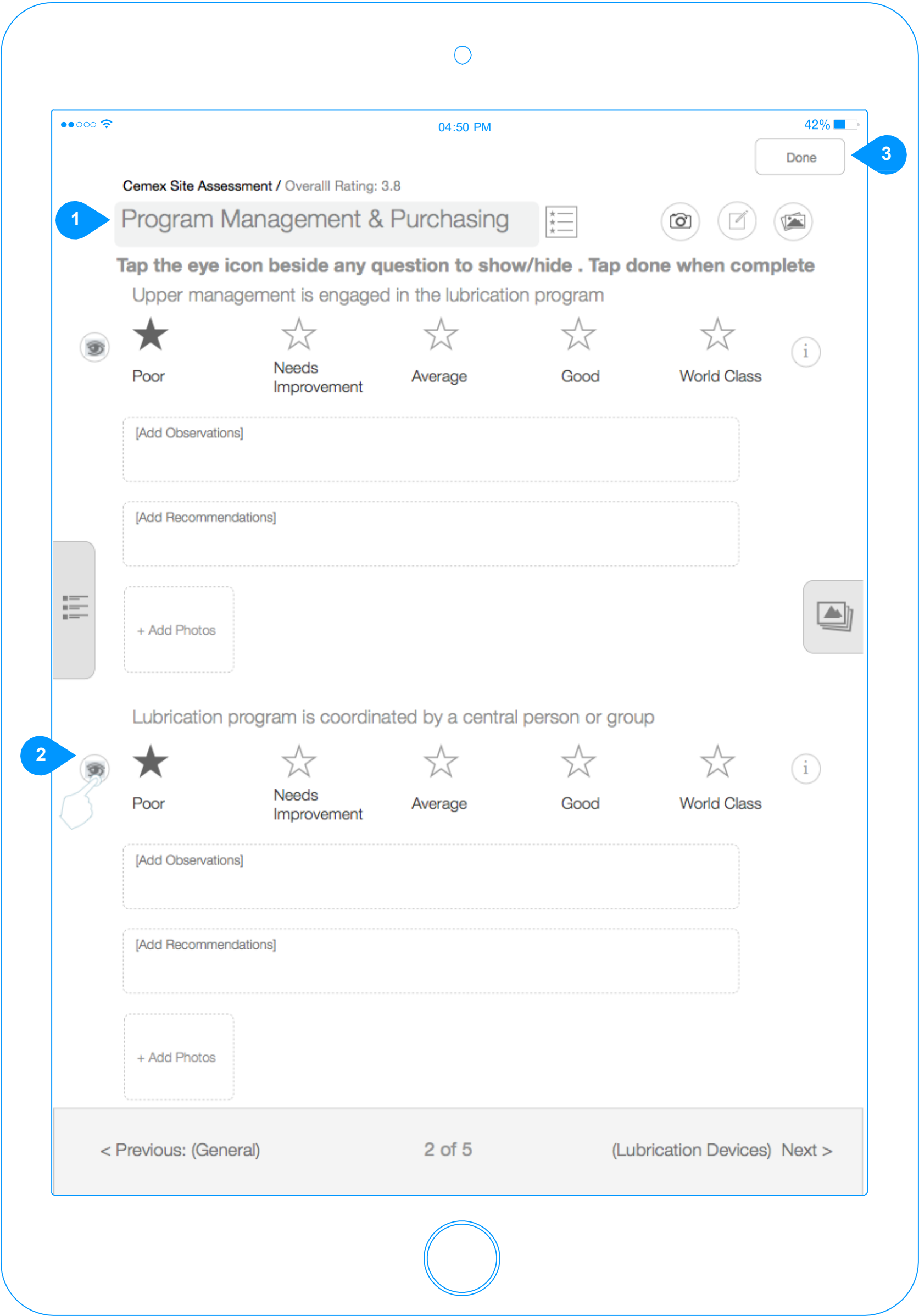
1

**Edit Section Mode**

Tapping Edit enters Edit Section mode where users have the ability to show/hide questions from that section.

Edit Section 2

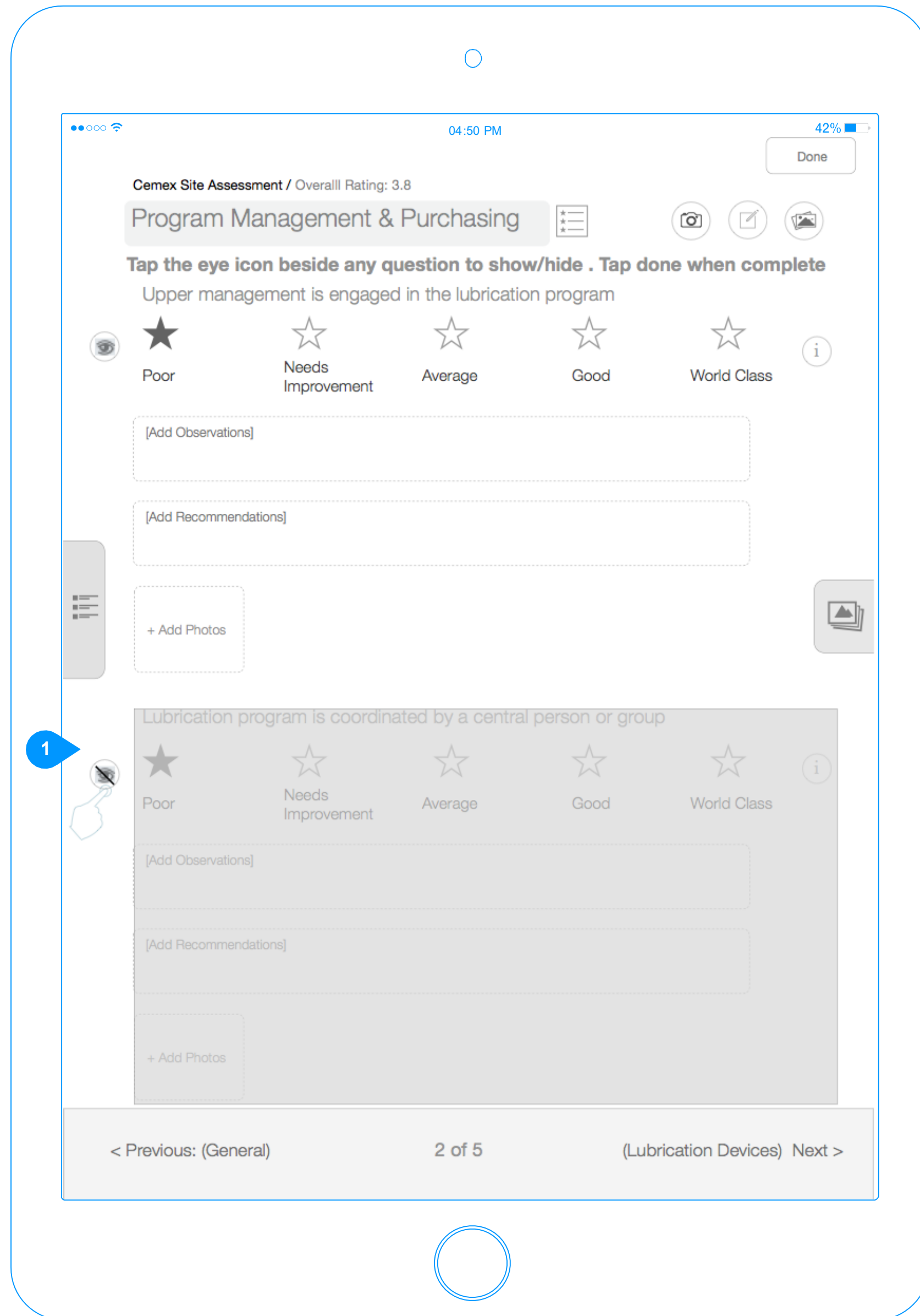
Screen ID



- 1 Edit State: Editable Section Name**  
In the edit state the section name becomes editable. Tap in and edit as needed.
- 2 Edit State: Show/Hide Questions**  
By default, any section added to a study appears in its entirety. This edit state provides a mechanism for the user to hide any questions they don't want to use in a section. Tapping on the eye icon next to a question marks that question to be hidden from view when you exit the edit state. Note: Tapping Icon works as a toggle between show/hide states.
- 3 Done**  
Tapping Done exits the edit state.

## Edit Section 3

Screen ID



04:50 PM 42%

Done

Cemex Site Assessment / Overall Rating: 3.8

Program Management & Purchasing

Tap the eye icon beside any question to show/hide . Tap done when complete

Upper management is engaged in the lubrication program

Poor Needs Improvement Average Good World Class

[Add Observations]

[Add Recommendations]

+ Add Photos

Lubrication program is coordinated by a central person or group

Poor Needs Improvement Average Good World Class

[Add Observations]

[Add Recommendations]

+ Add Photos

< Previous: (General) 2 of 5 (Lubrication Devices) Next >

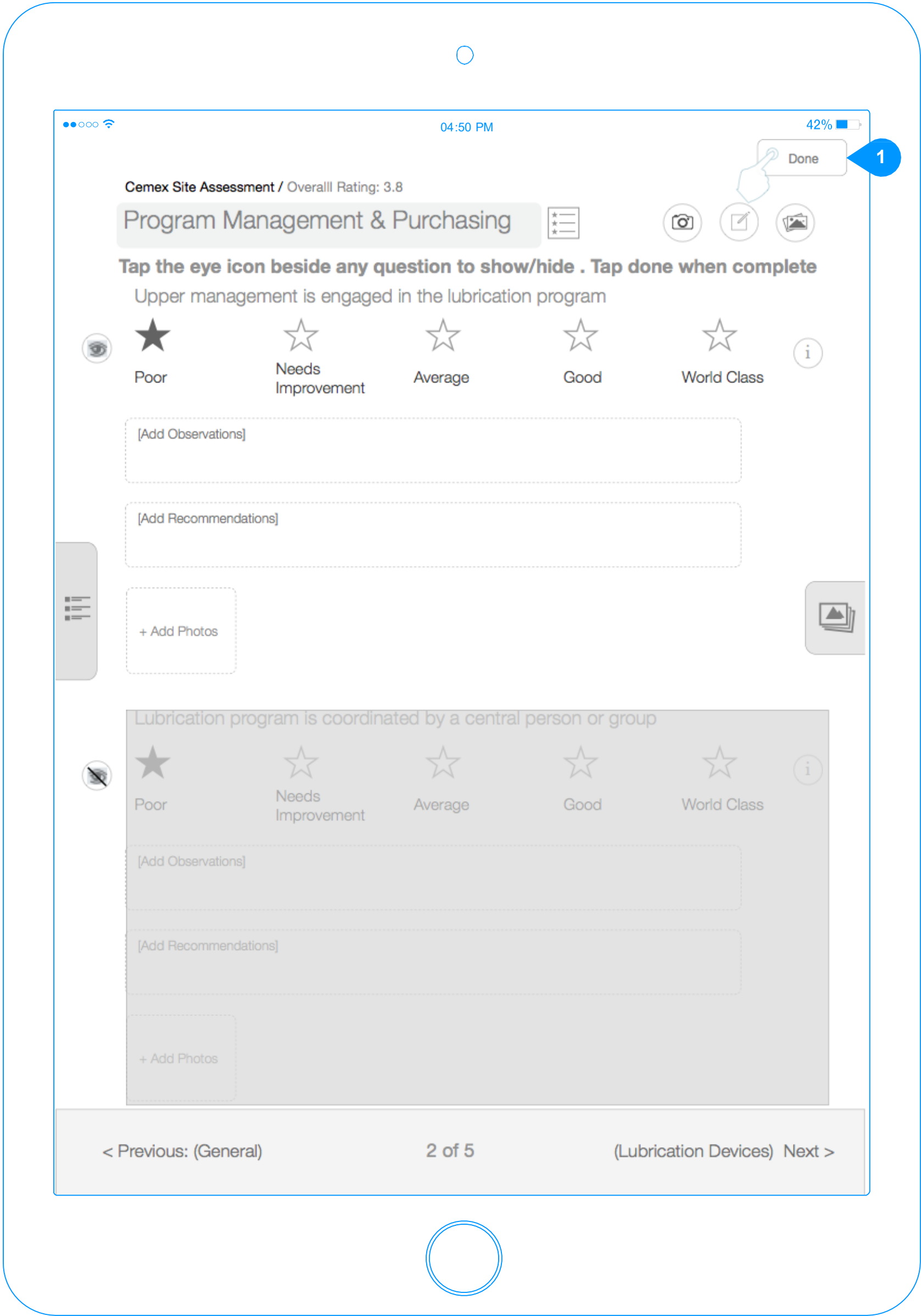
1

### Hidden Question

Tapping on the eye next to a question changes the eye icon state to one with a line through it (indicating hidden) and appearance of the question itself should dim (grey out).

Edit Section 4

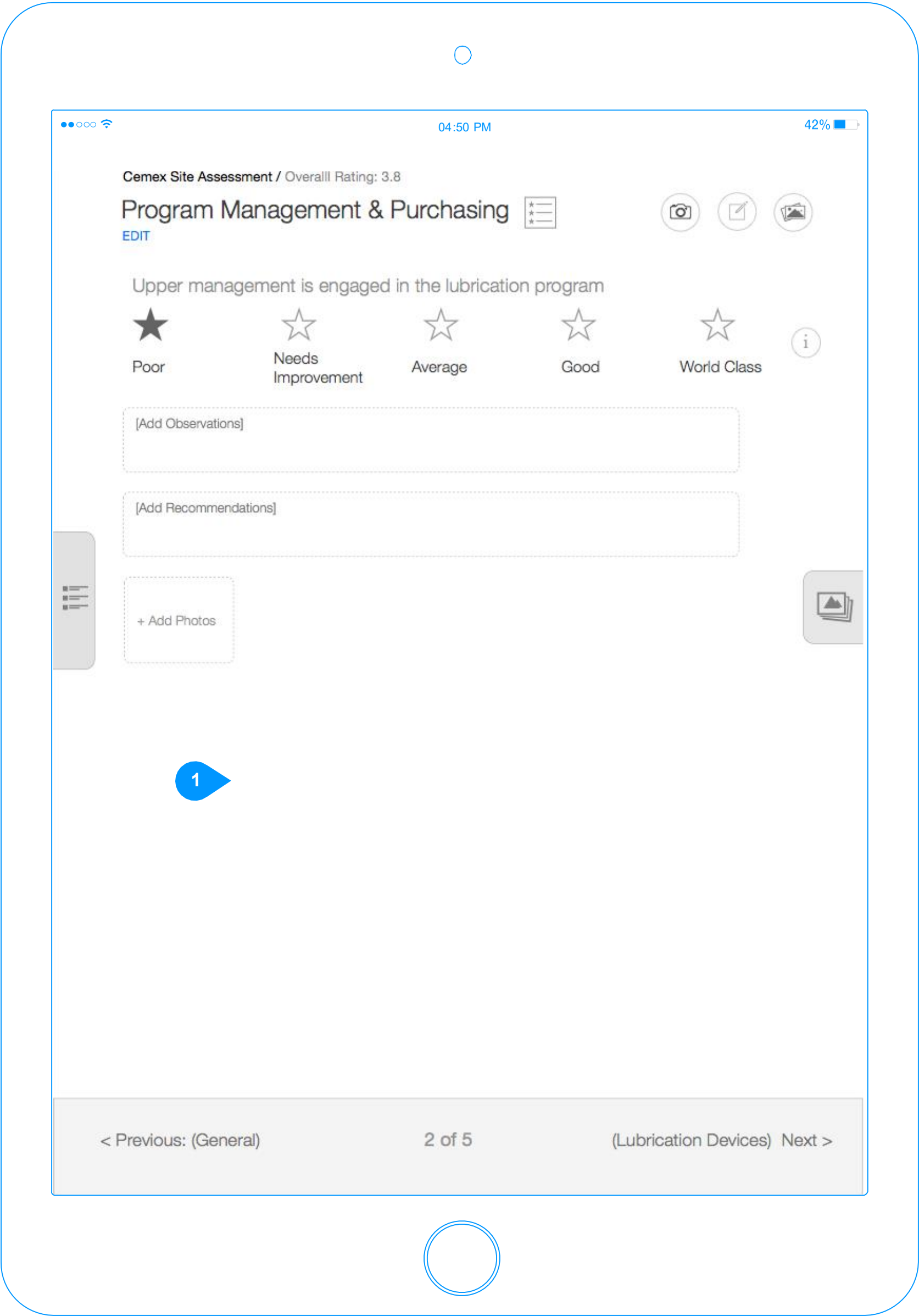
Screen ID



**1 Done**  
Tapping Done saves changes and exits the edit state.

Edit Section 5

Screen ID



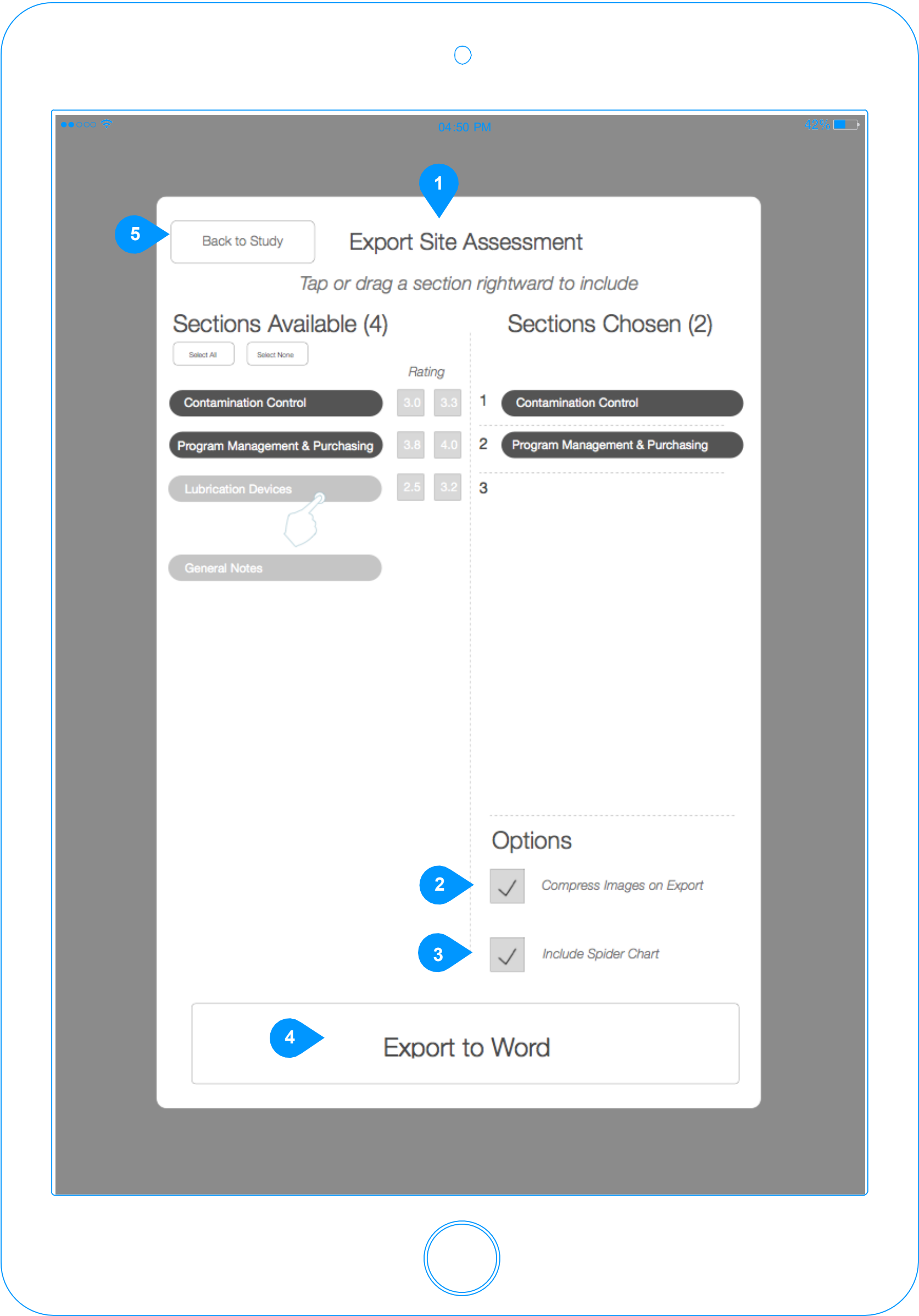
1

Question Hidden

Displayed is the return from the edit state to the normal state with the question now hidden. Though not depicted, questions following any removed questions should be moved up to fill the space where the question is hidden.

# Ratings-Export

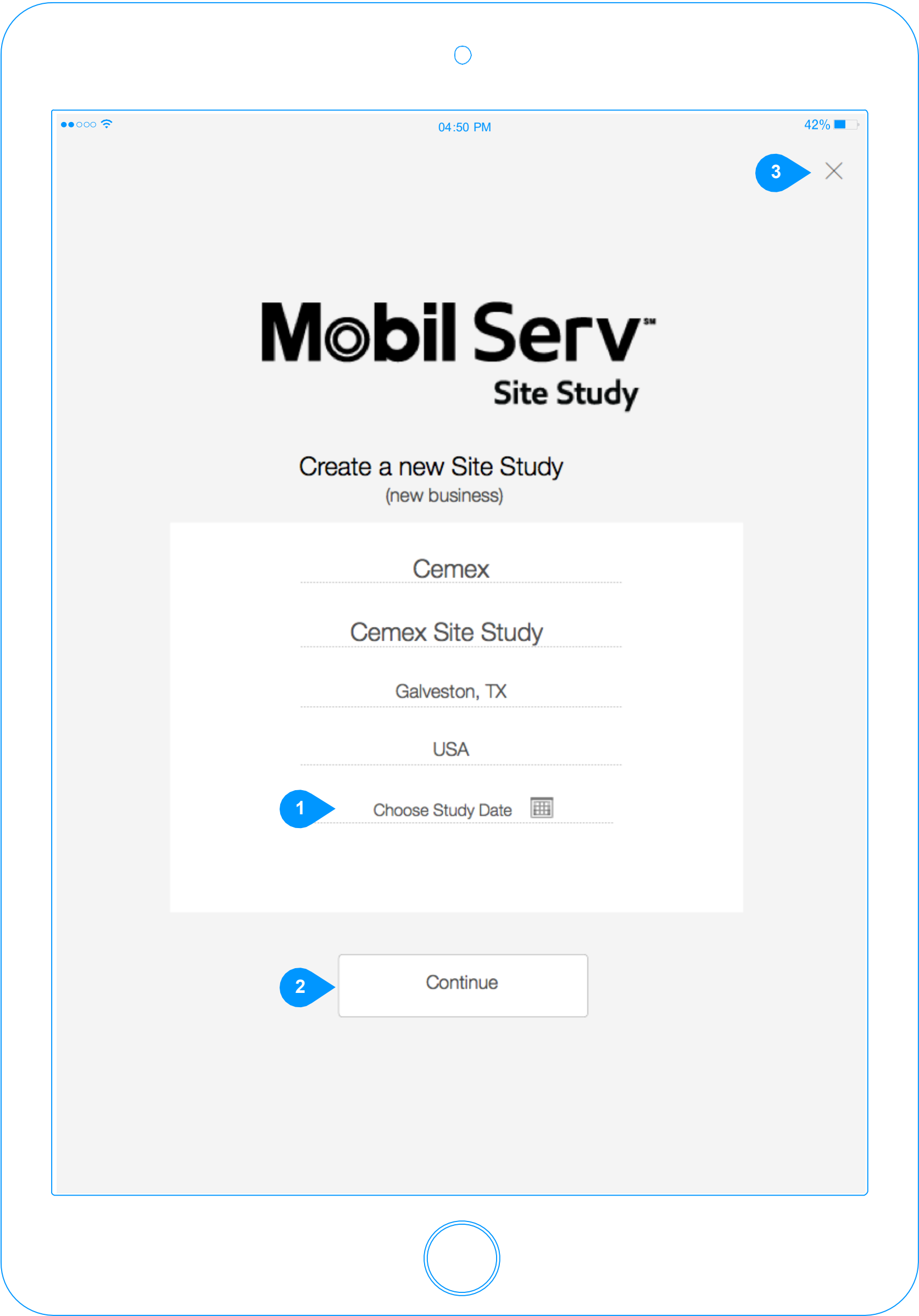
Screen ID



- 1 Export Screen**  
User selects the sections to include in export. Then changes any options if desired. Finally they tap the export button which brings up the report screen and share options as designed in the app today (leveraging existing code base). The site assessment itself (not report) would remain accessible via the dashboard for later editing/viewing (same as in the app today).
- 2 Export Options: Compress Images**  
By default this option is checked and compresses the images as part of the export process.
- 3 Export Options: Spider Chart (Site Assessments Only)**  
Selecting this option includes a spider chart of the ratings in the export.
- 4 Export Button**  
Tapping this button triggers the export process as in the app today. Note: recommendation summary should also export into the resulting document.
- 5 Back to Study**  
Tapping this button goes to the previous screen.

Site Study

Screen ID



- 1

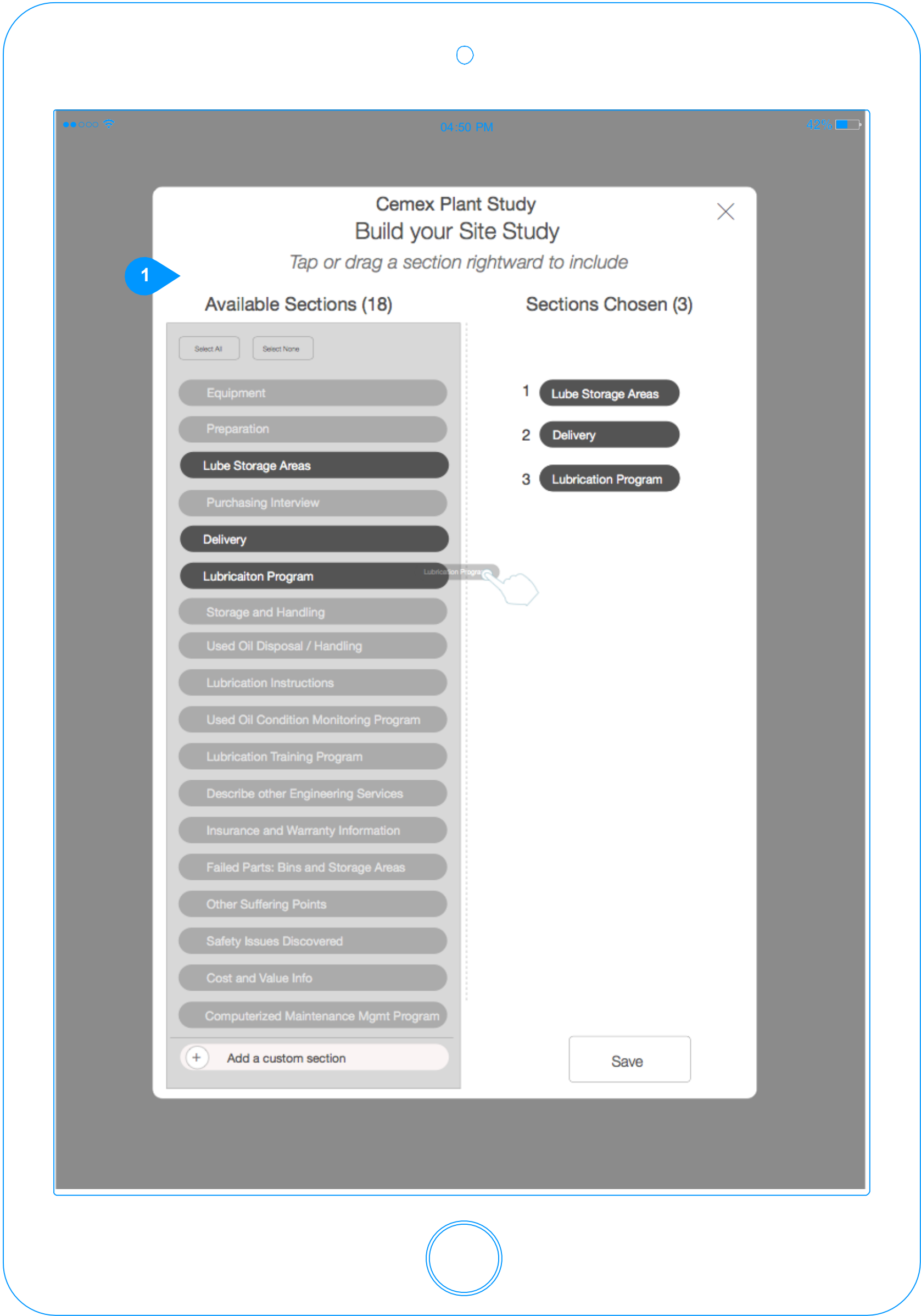
**Site Study For Existing Account**  
Form is pre-filled and user just chooses a study date and taps continue.
- 2

**Continue**  
Tapping continue takes you to select sections to include in your site study.
- 3

**Close**  
Tapping X closes screen and returns to the Dashboard.

Choose Site Study Sections

Screen ID



1

Choose Site Study Sections

Screen behavior to choose sections as screen described earlier (for ratings study) except section list is replaced with the 18 site study sections.

## Screen ID

### 1 Multi-Select Question Type

Different from the existing app, the redesigned app should allow users to choose more than one checked response. For questions that truly can only have one response, use a radio button group instead.

## Screen ID

1

Different from existing app, for binary response question, the redesigned app should replace the iOS switch controls with larger tappable buttons or segmented control. An example is shown at left.

## Site Study-End of Section Overlay

Screen ID

04:50 PM 42%

Cemex Plant Site Study

Section Complete: Lube Storage  
(Optional) Enter Key Observations & Recommendations before moving to next section.

1

✓ **Lube Storage :**

**Key Observations & Recommendations :**

- \* Shelving is deteriorating
- \* Need to train new staff members
- \* Conduct daily checks

> Delivery :

> Lubrication Program :

Continue

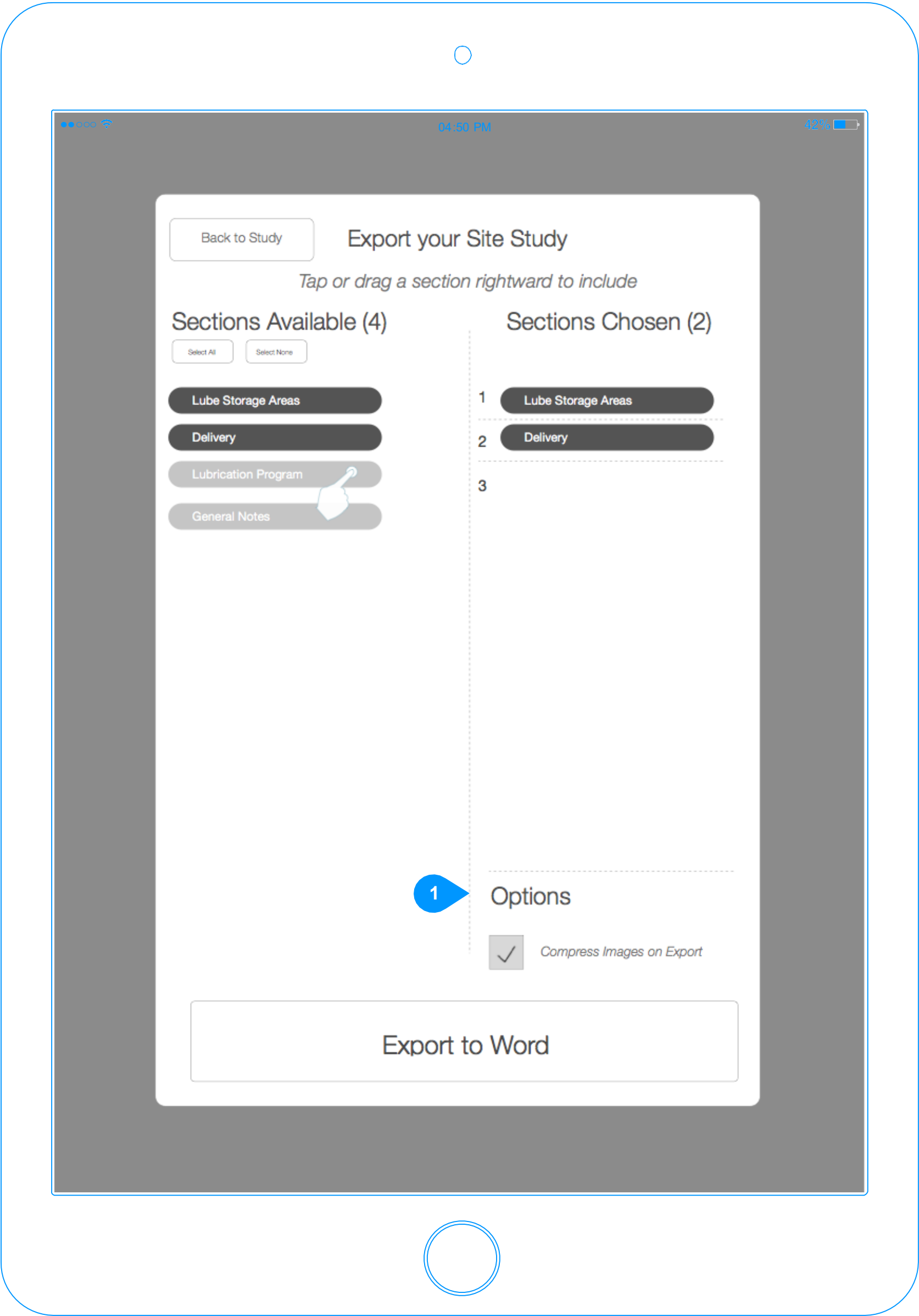
1

### Site Study- End of Section Overlay

This screen differs slightly from the ratings study end of section overlay. This screen does not have ratings but rather only allows for the entry of Key Observations and Recommendations for each section.

Site Study-Export

Screen ID



1

Export Site Study: Options

Site Study export screen differs only in that it does not have the option to include a spider chart.

## Appendix-Question Types

### Question Types

The site study and site assessment display a variety of question types. This appendix is meant to serve as a guide for the handling of the variety of question types. Refer to visual design for final icons and layout.

### Rating Questions

Tapping on a star causes it and all preceding stars to change to their darkened state. For example, tapping on the third star (average) causes the first, second, and half of third star to darken. Tapping a second time to fill last star as today. Text below each star should be centered. All labels should be centered below.

Upper management is engaged in the lubrication program



Poor



Needs  
Improvement



Average



Good



World Class



[Add Observations]

[Add Recommendations]

+ Add Photos

**Below Each Question**  
Note: All question types with the exception of the Equipment Selector will have the following items below the question: Observation Box, Recommendation Box, and an add photo button.

## Appendix-Question Types 2

### Binary Question Types

Different from existing app, for binary response question, the redesigned app should replace the iOS switch controls with larger tappable buttons or segmented control. An example is shown at left.

Product coming in dispensing equipment?

YES

No

### Multi-Select Question Type

Different from the existing app, the redesigned app should allow users to choose more than one checked response. For questions that truly can only have one response, use a radio button group question type.

Who performs lubrication tasks?



In-house maintenance teams

Contracted O&M service group

In-house operators

OEM service teams

Other

Type here

The Icon grid toggle question type is used for the equipment selector. Tapping an icon in the icon grid toggles it to be lit or not lit.

Icon	Label
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
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	Person with speech bubble
	Person with speech bubble
	Person with speech bubble
	Person with speech bubble

## Appendix-Question Types 4

### Data Entry Question Type

Data entry type questions are simple text box responses. (e.g Annual Lube spend)

Annual Lube spend?

45,000

### Radio Button Group Question Type

Question that can only have one answer should use the radio button group type.

What is the lube supplier rep's role in this program?

☐ Provides product requirements

☐ Inspects equipment condition

☐ Provides oil analysis interpretation

☒ Assists with troubleshooting

☐ Supplies product

☐ Other

Type here

## Appendix-Thumbnails

Screen ID

04:50 PM 42%

Cemex Plant Study

Storage and Handling

EDIT

Product coming in dispensing equipment?

YES No

[Add Observations]

[Add Recommendations]

+ Add Photos Thumb1 Thumb2 Thumb3 ...

---

Proper product labeling in place? Needed MSDS and product data information in place )?

YES No

[Add Observations]

[Add Recommendations]

+ Add Photos Thumb1 Thumb2 Thumb3 ...

1

< Previous: (Storage & Handling) 2 of 5 (Used Oil Disposal/Handling) Next >

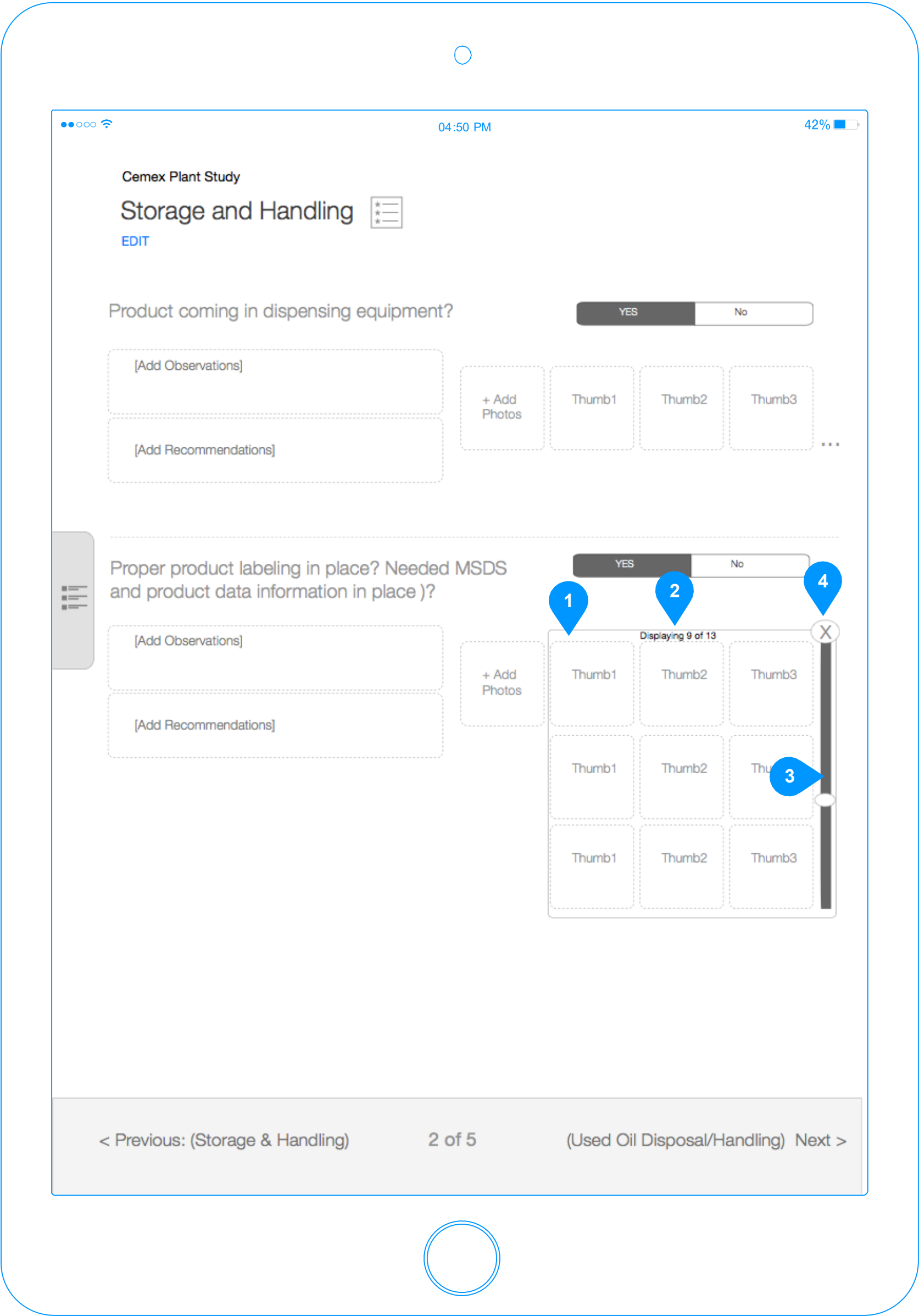
1

### Ellipses

When more than 3 photos have been attached to a question the ellipses indicator is shown to suggest More. Users can tap on the ellipses to reveal an overflow panel as shown on the next page.

## Appendix-Thumbnails Overflow Panel

Screen ID



- 1 Overflow Panel**  
The overflow panel can display up to 9 thumbs at a time (including the initial 3).
- 2 Display indicator**  
When there are more than 9 photos, this line appears to give the user a sense of how many of the total photos they are currently viewing.
- 3 Scrolling**  
When there are more than 9 pictures attached to the question, then a scrollbar appears and users can scroll to view the remaining photos.
- 4 Close**  
Tapping this button or tapping anywhere outside the overflow panel closes the panel.