

Android app use cases

DEMO

row: 5.
As a Manager/Supervisor, if the technician is not at the asset location required for the job I want GOFACTORY to automatically insert a navigation task. If the task requires the technician to visit multiple locations then GOFACTORY will insert navigation tasks whenever a location change is required.

DEMO

row: 42.
As a field technician, I want GOFACTORY to provide me turn-by-turn directions to get to the location of each asset I need to service to complete the job.

DEMO

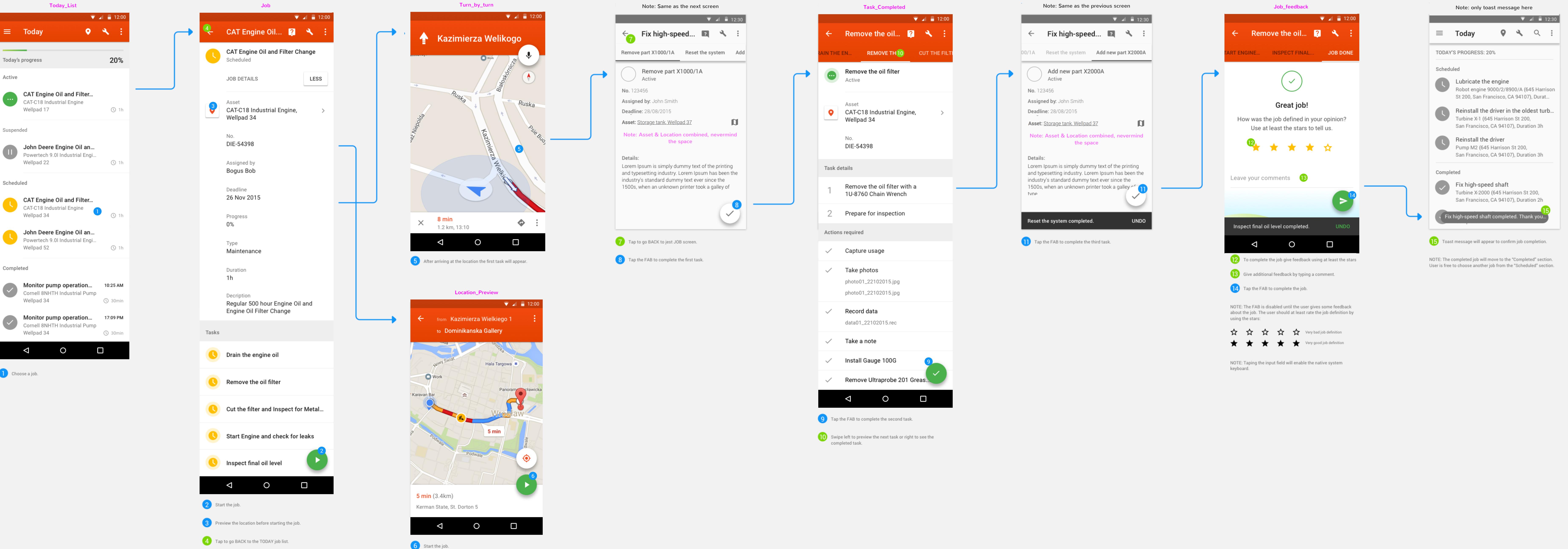
row: 46.
As a Field Technician I want to use the GOFACTORY mobile app to take me through a clear set of tasks for each job to ensure it is completed correctly. I can read tasks or they can be read to me using text to voice. I can mark tasks as complete using gestures or voice commands. I can use gestures or voice commands to ask the GOFACTORY mobile app to repeat the current task. Navigational tasks and other tasks that can be automatically confirmed as complete and will be marked as such if allowed by the Operations Manager. After a task is marked complete the next task will automatically appear. When the last task is complete the job will be marked as complete.

DEMO

row: 47.
As a Field Technician I want to use the GOFACTORY mobile app to toggle between a view of the current task and all tasks for the current job to understand the complete job and my progress on the job.

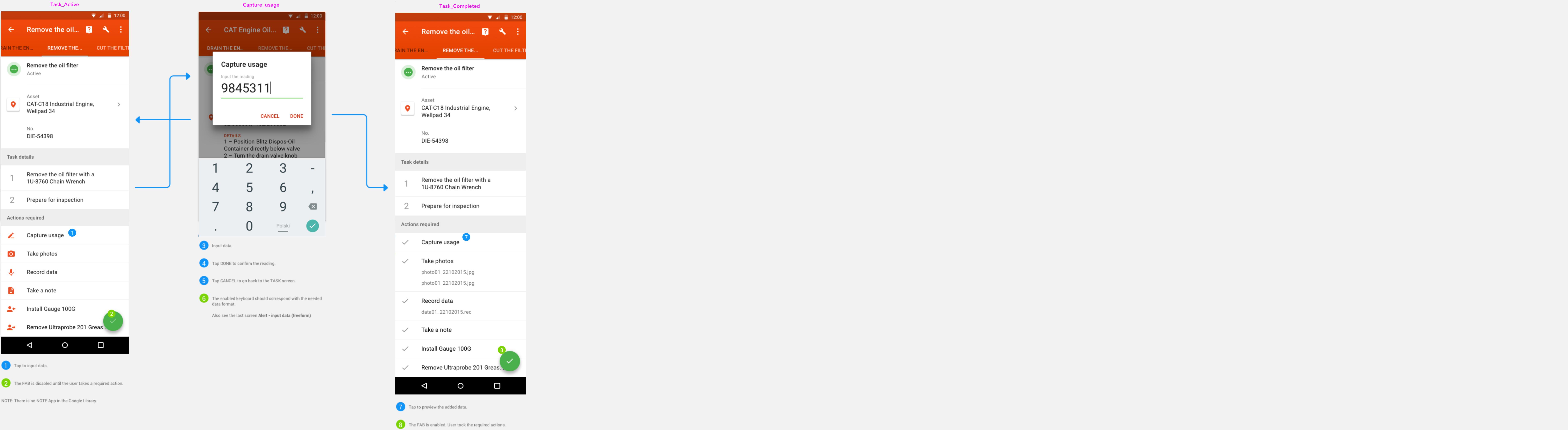
DEMO

row: 48.
Mark the last task as complete which will automatically mark the current job as complete.



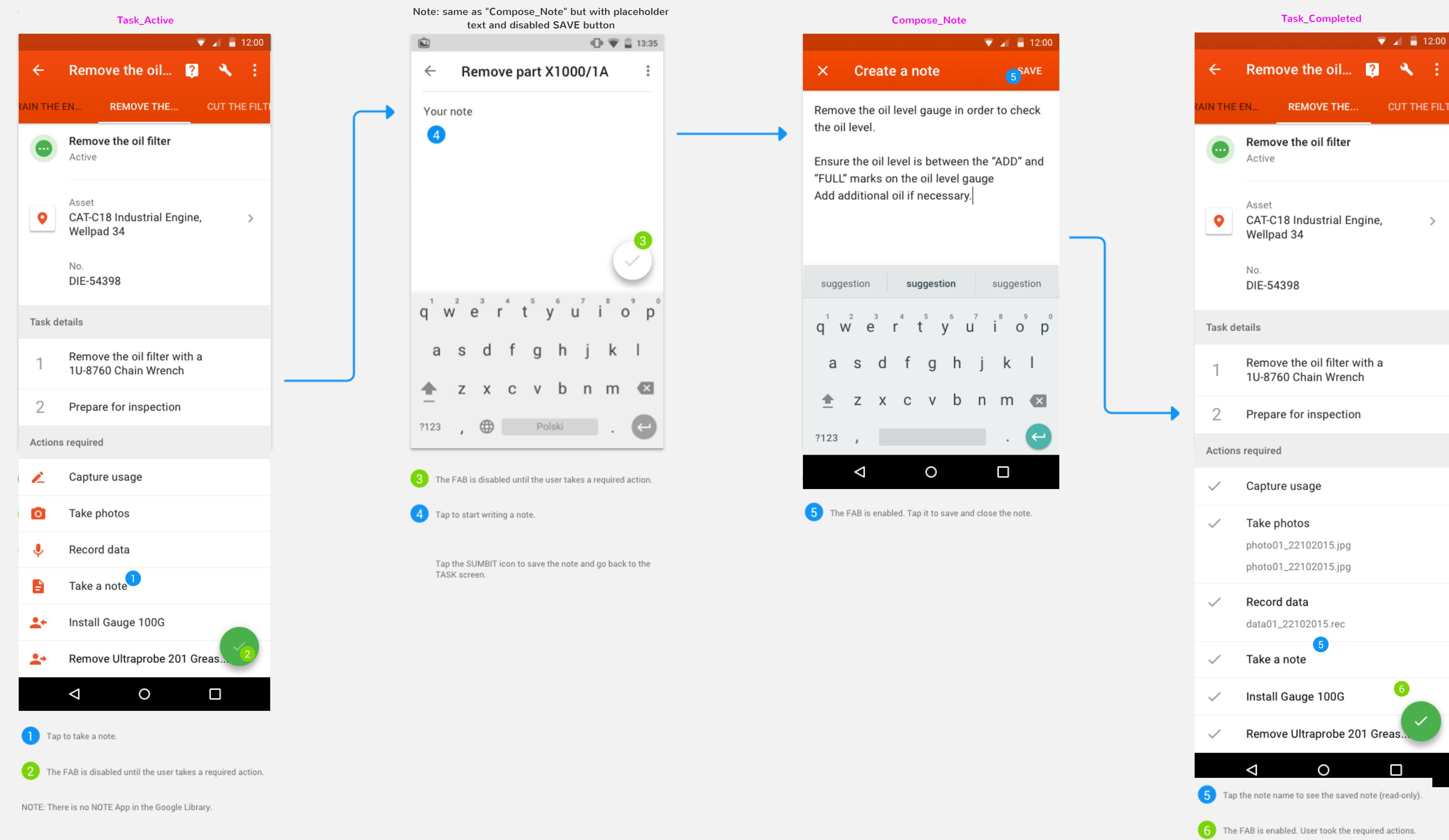
DEMO row: 9.

As a Manager/Supervisor when defining a job template I want to include a step for the technician to manually capture usage from a gauge on an asset as a task and feed that usage information into my planned maintenance rules. I may want to have them input raw data and require a picture to be taken in case there is any future discrepancy about the data



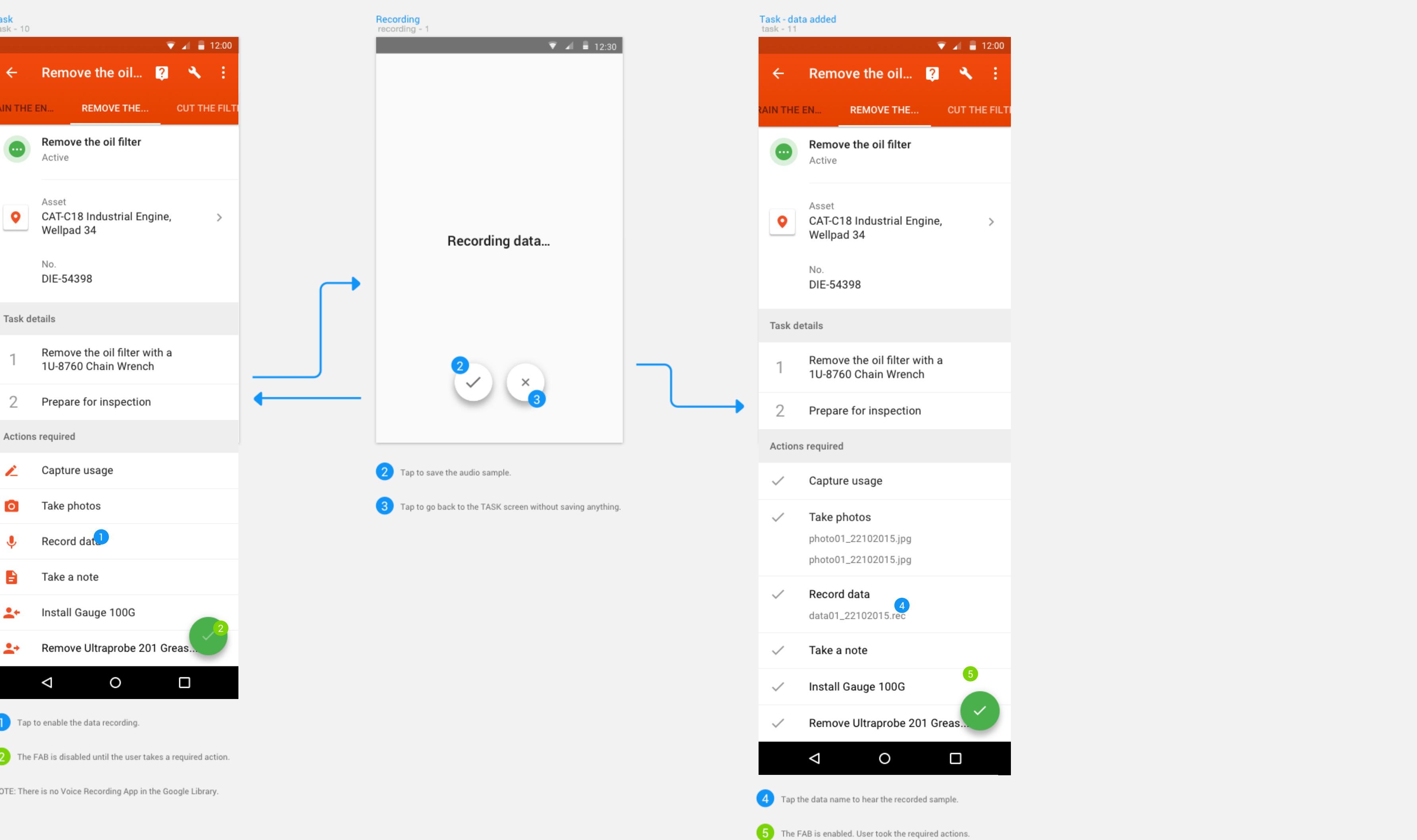
DEMO row: 10.

As a Manager/Supervisor, I want the technician to take a note as a step of a job template



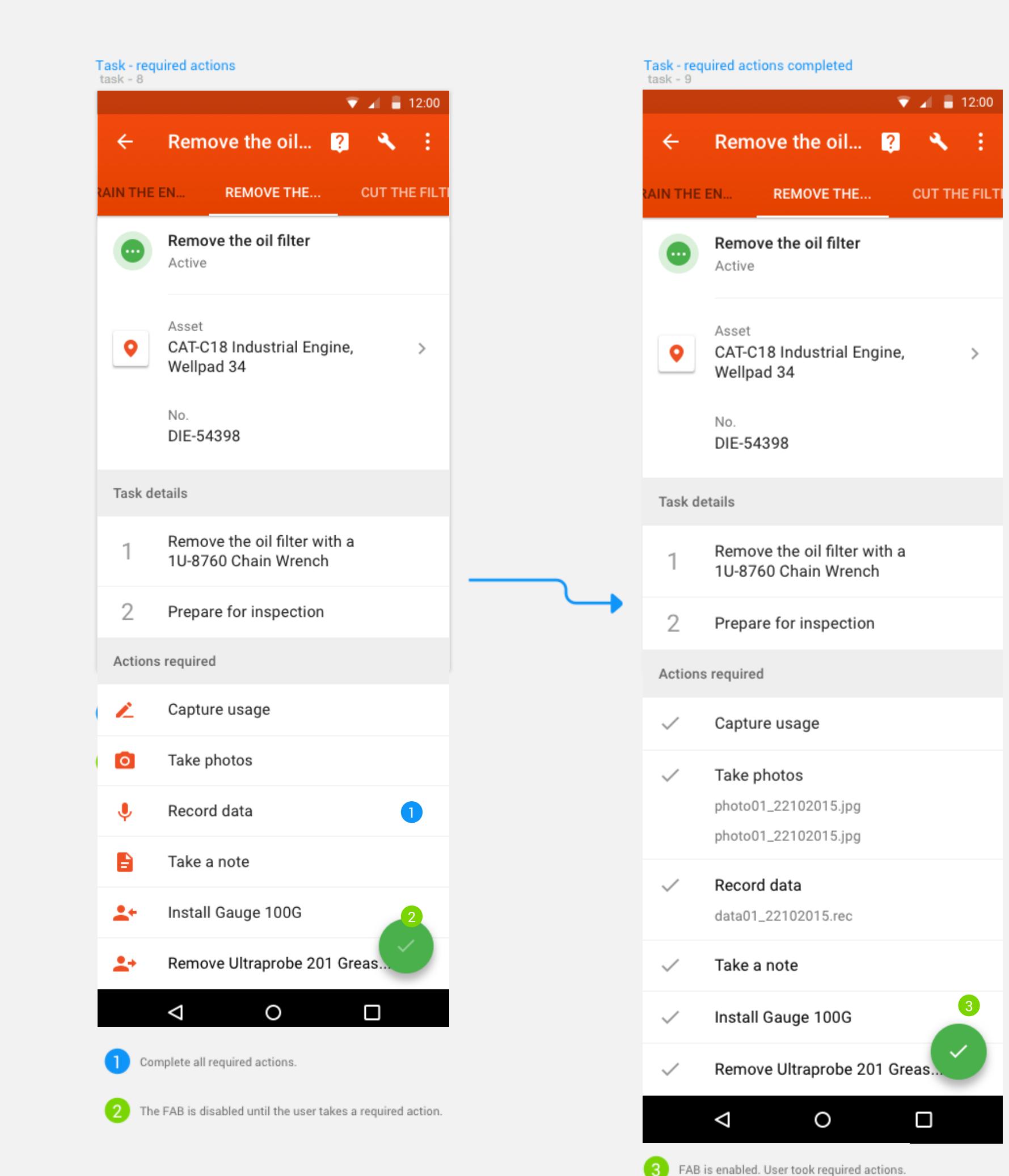
DEMO row: 10.

As a Manager/Supervisor, I want the technician to capture data as a step of a job template to visually confirm that the job was done correctly without visiting the asset.

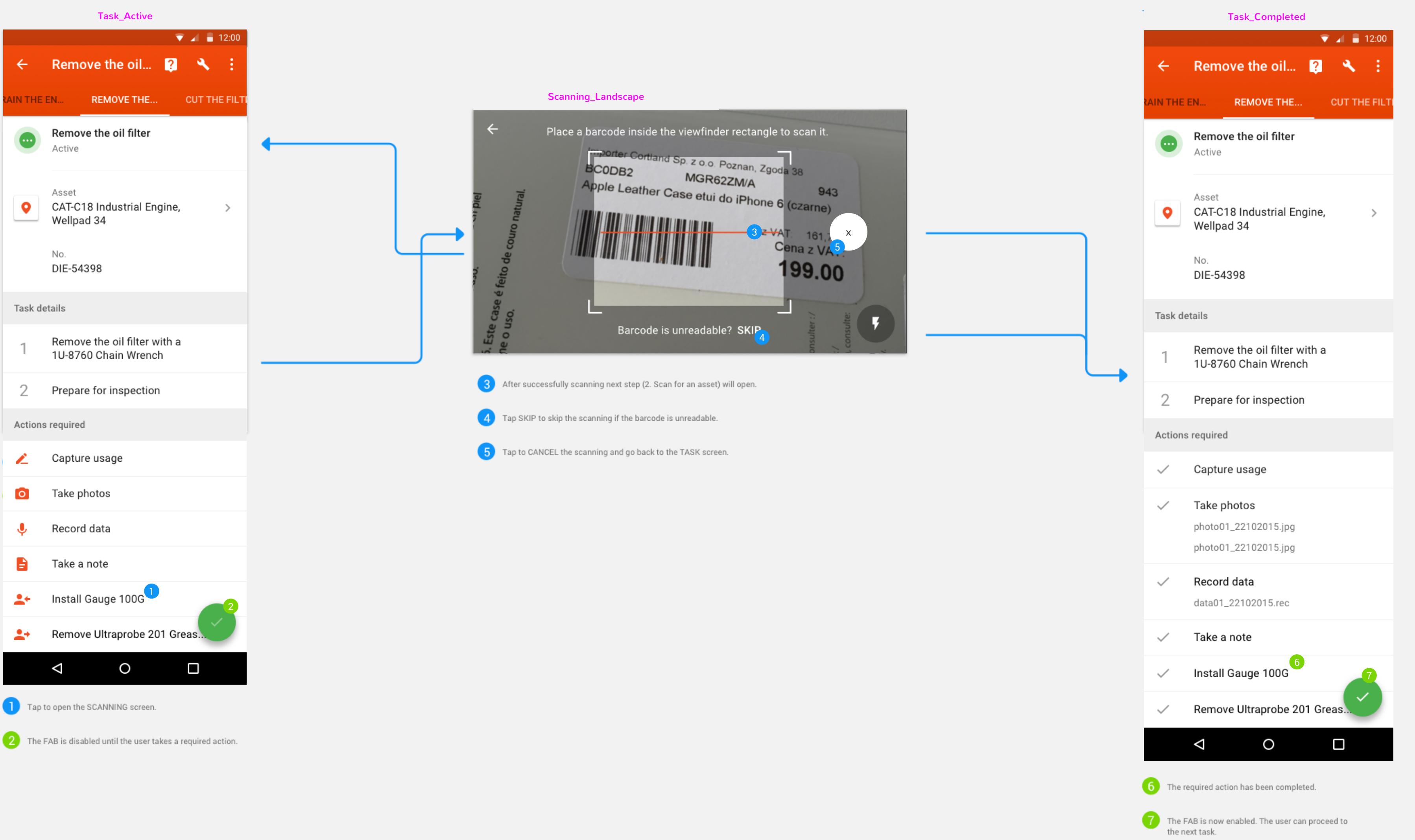


DEMO row: 10.

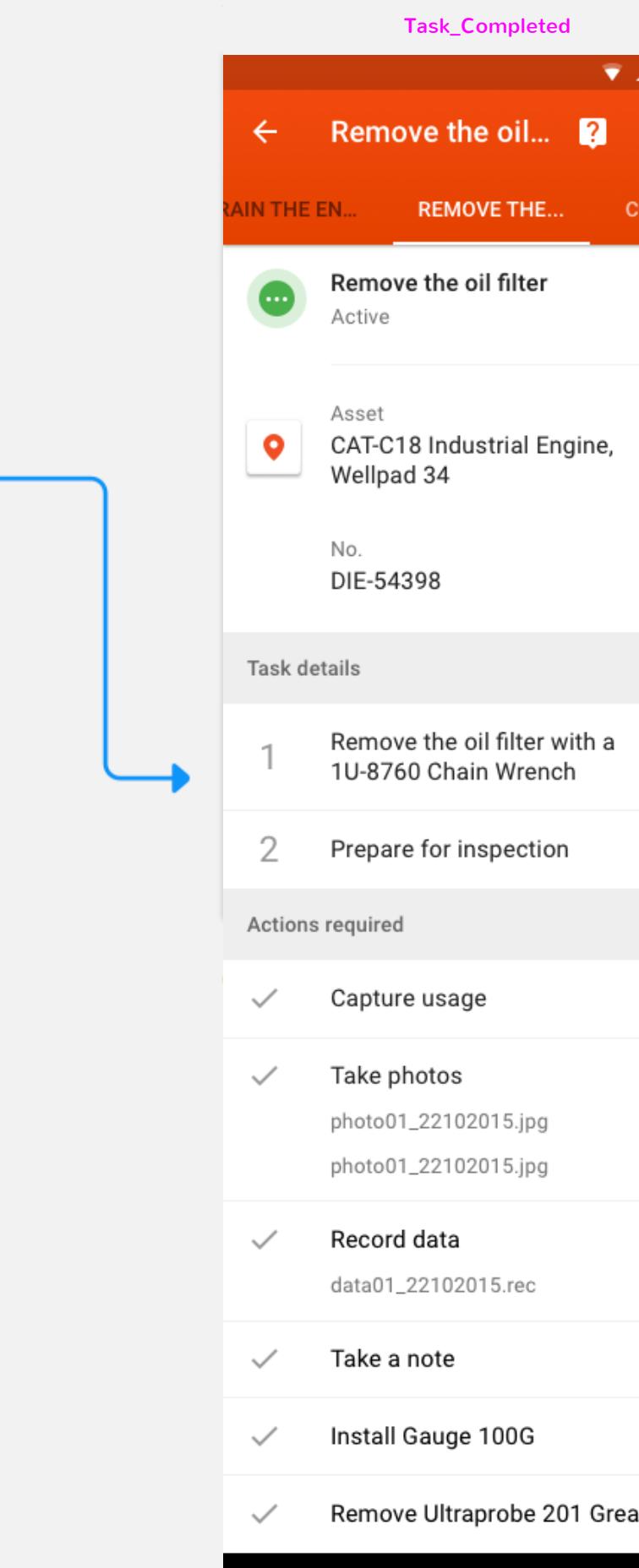
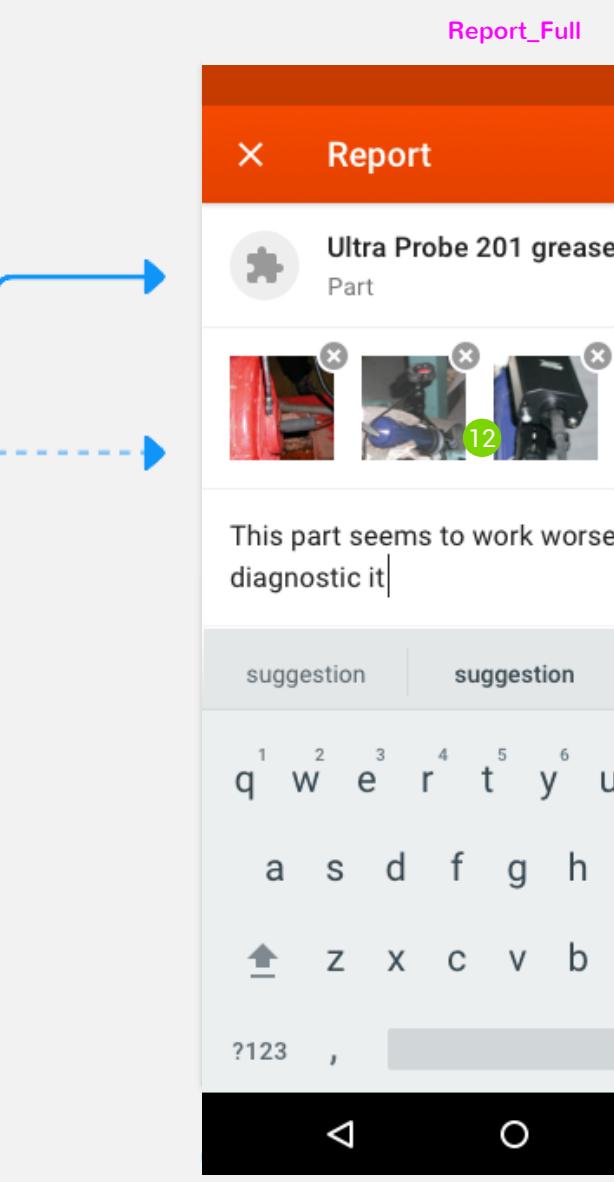
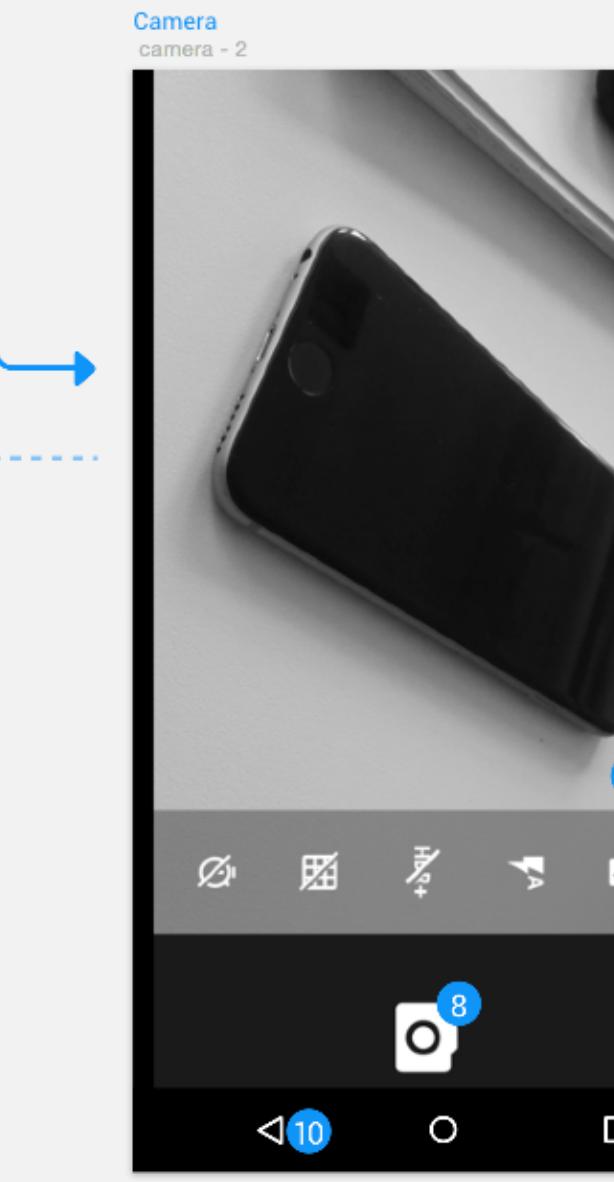
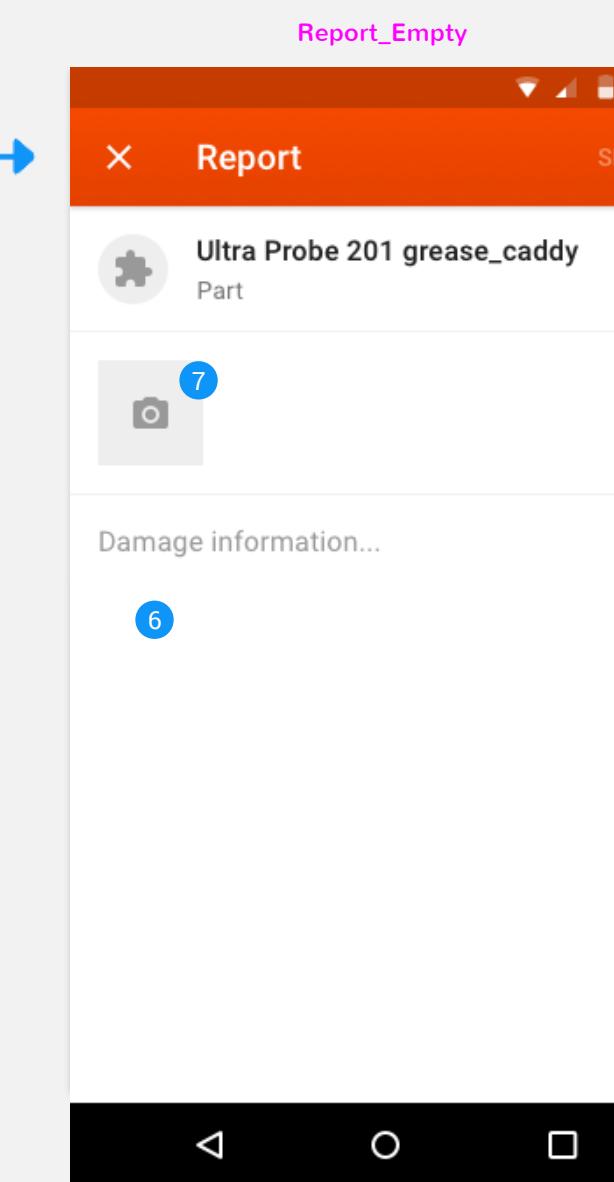
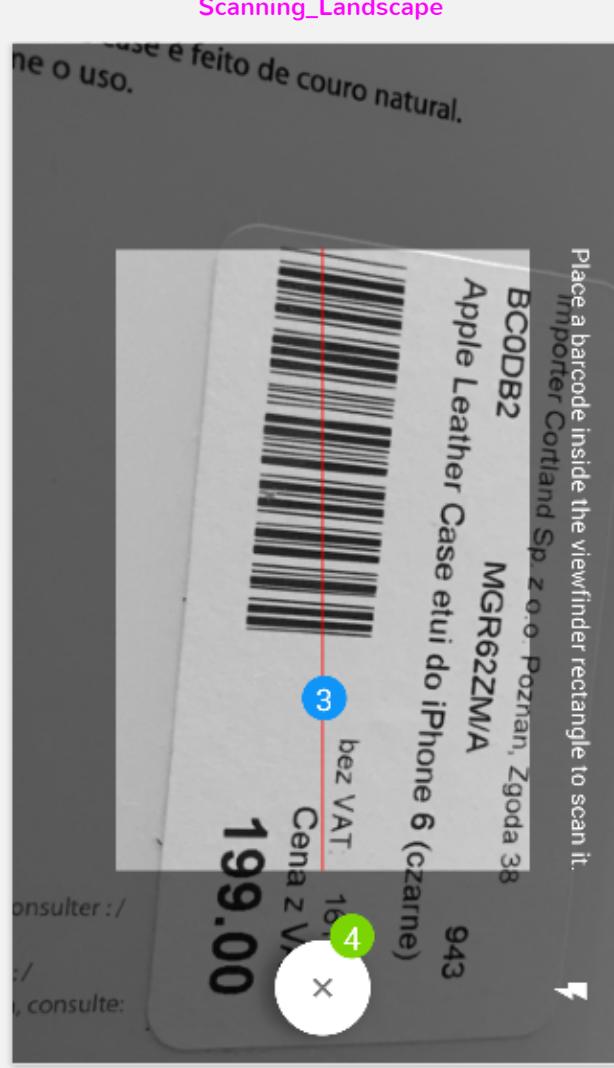
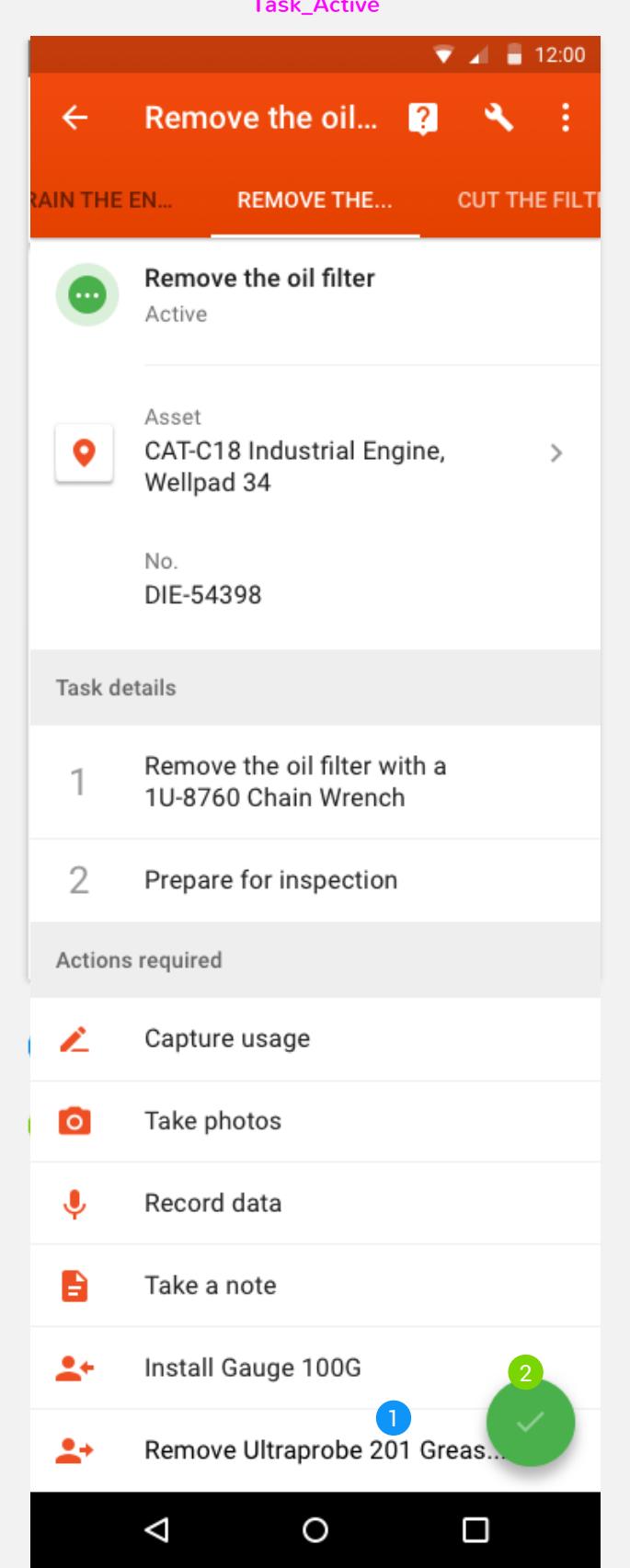
As a Manager/Supervisor, I want the technician to perform a set of required actions in a task before marking it as COMPLETED.



As a Manager/Supervisor I want a task that installs a part in the field to intelligently require the technician to transfer custody of the part to the asset so GOFACTORY can track that the part is now a part of the asset and location being serviced.



As a Manager/Supervisor I want a task that removes a part from the field to intelligently require the technician to take custody of the asset and capture appropriate comments about the part to support the process of returning the part to the manufacturer or to safely retire the part.



13 Tap the FAB to complete the task and move to the next one.

NOTE: 3: The system should be smart enough to identify if the user scans the right item. Scanning the wrong item will present a toast message to scan the right one.

NOTE: This is the Google Camera App behaviour.
No custom controls added.

1 After successfully scanning the REPORT view will open.

2 Tap to go back to cancel the scanning process.

3 SEND is disabled. The user has to give at least the damage information.

4 Type the comment if the item is faulty.

5 Take a picture of the faulty part. It will be added to the report.

6 Tap to take a picture.

7 Preview the taken photos for the task.

8 Tap the TRIANGLE icon to go back to the REPORT view.

9 Save and close the report of the faulty item.

10 Swipe left/right to see all taken photos for this report. Tap the X icon to delete them.

11 Capture usage

12 Take photos

photo01_22102015.jpg

photo01_22102015.jpg

Record data

data01_22102015.rec

Take a note

Install Gauge 100G

Remove Ultraprobe 201 Greas...

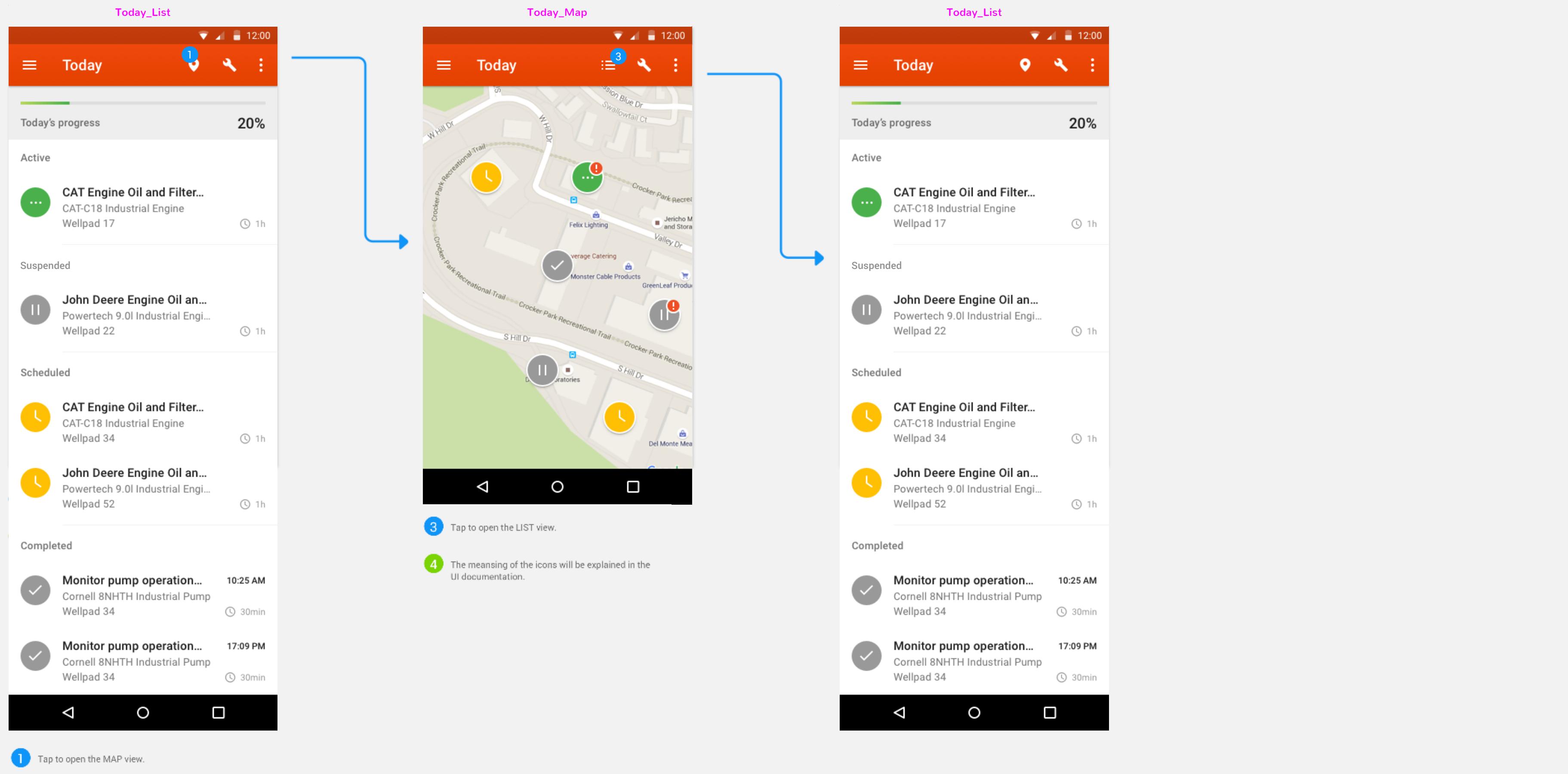
1 Tap to add the item to the inventory and open a failure report view.

2 The FAB is disabled until the user takes a required action.

13

PILOT

row 40.
As a Field Technician, I want to see my job schedule for the day in both a map and list view. Map view should show job locations with a sequence number to provide insight to the geographic coverage. List view should enable sorting jobs on a variety of criteria. Sequence number should be the default sort.



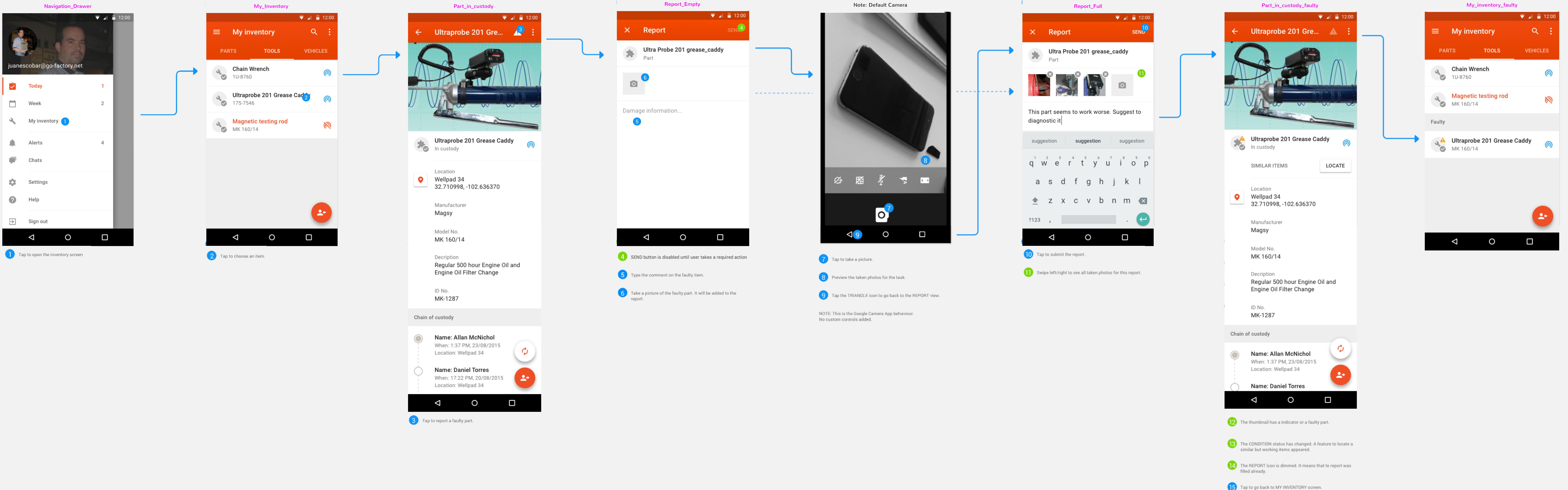
1 Tap to open the MAP view.

2 Tap to open the LIST view.

3 The meaning of the icons will be explained in the UI documentation.

PILOT row: Not stated in the document.

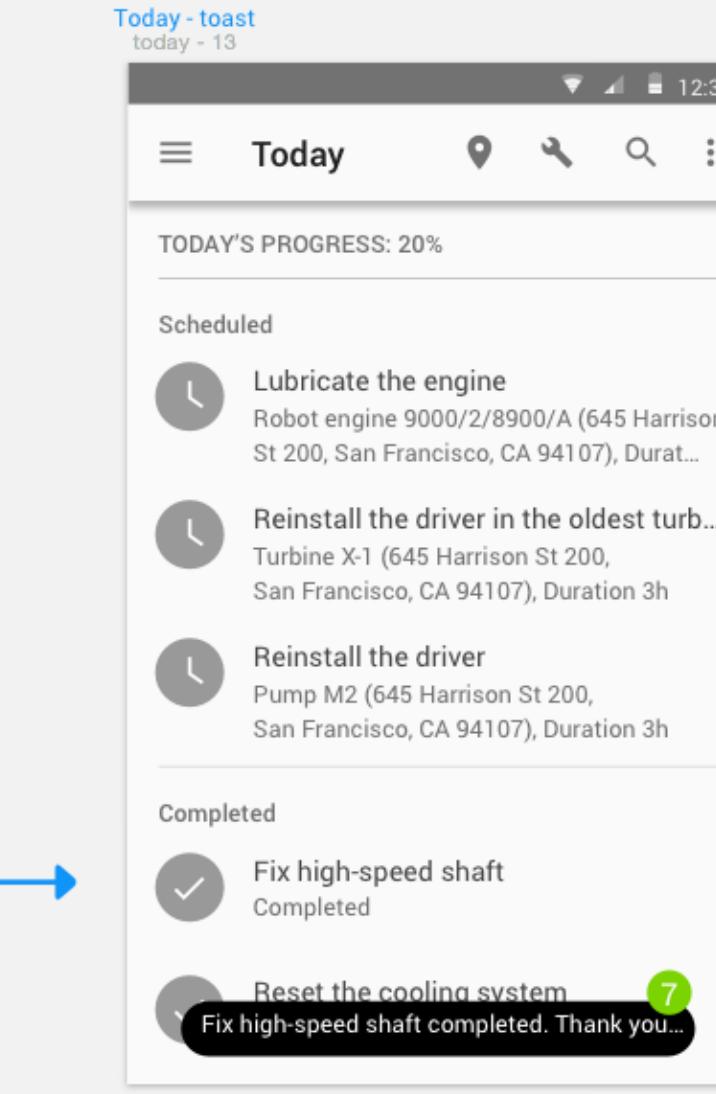
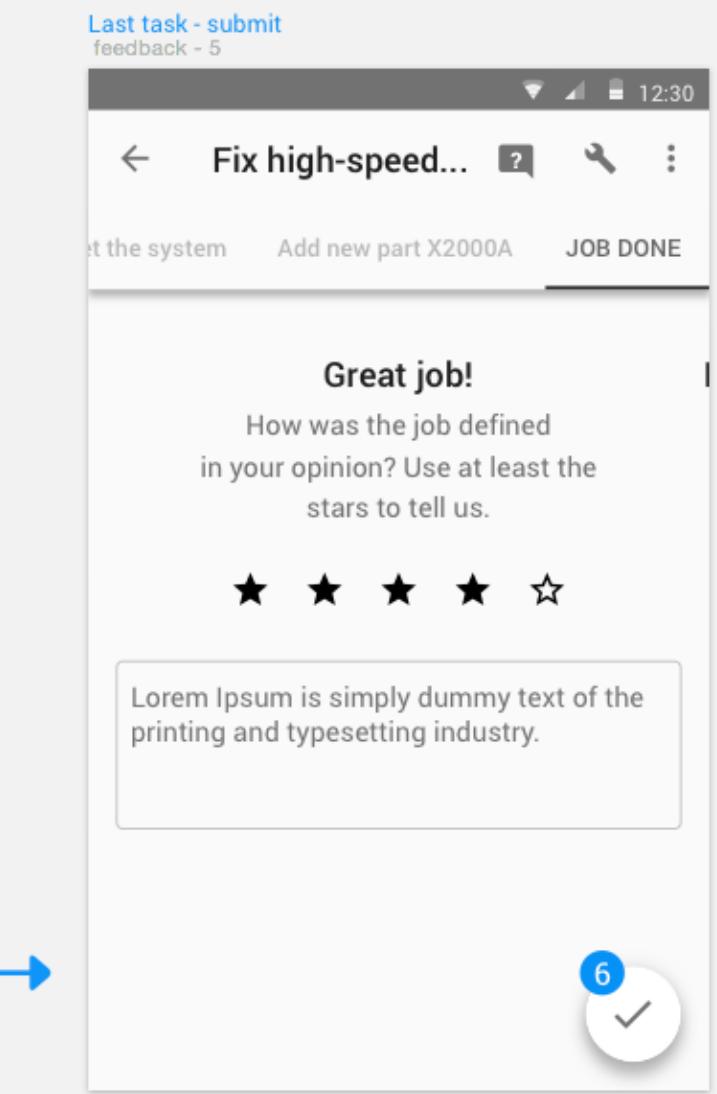
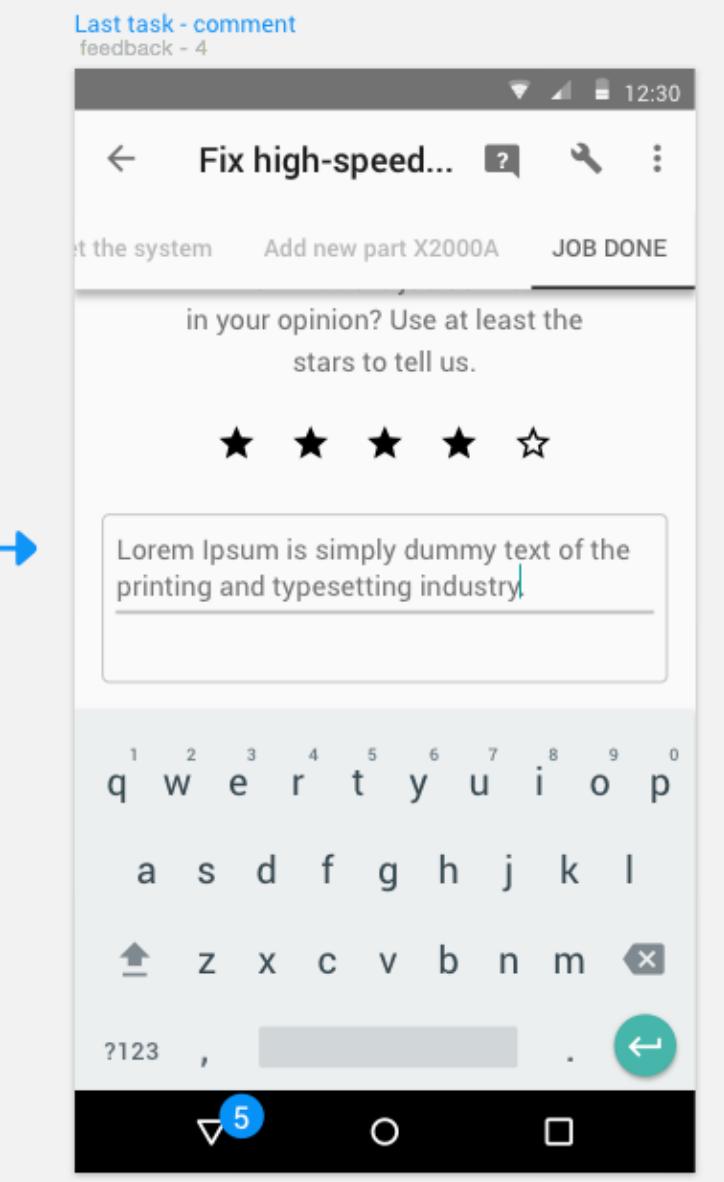
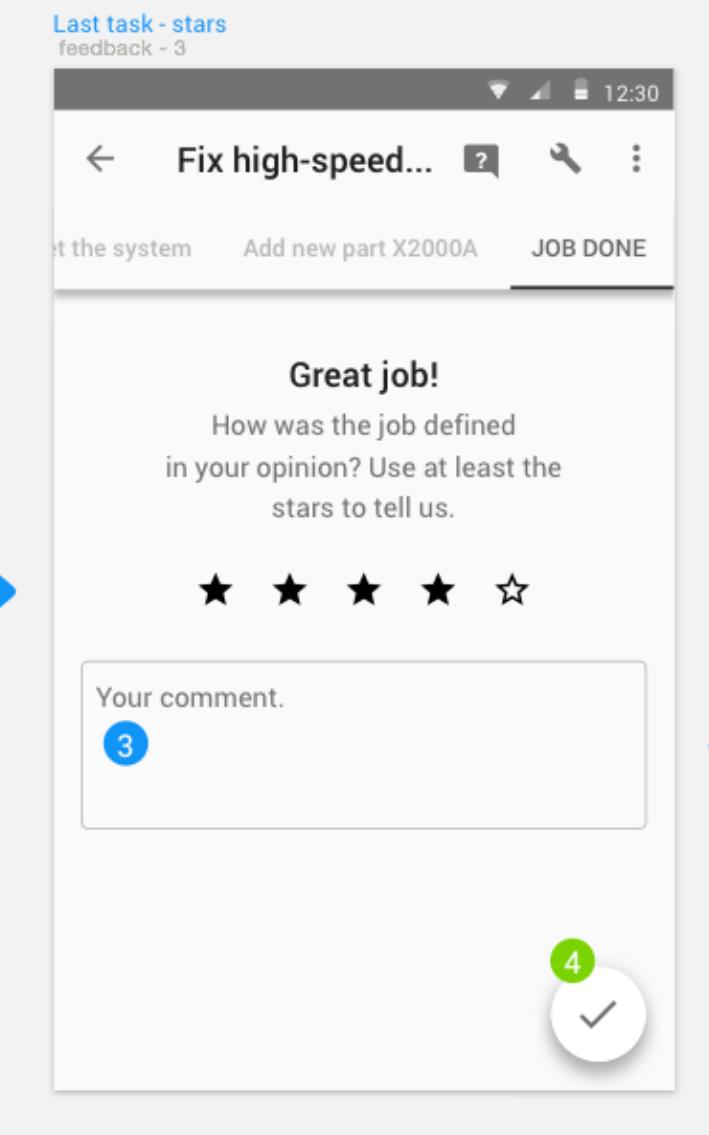
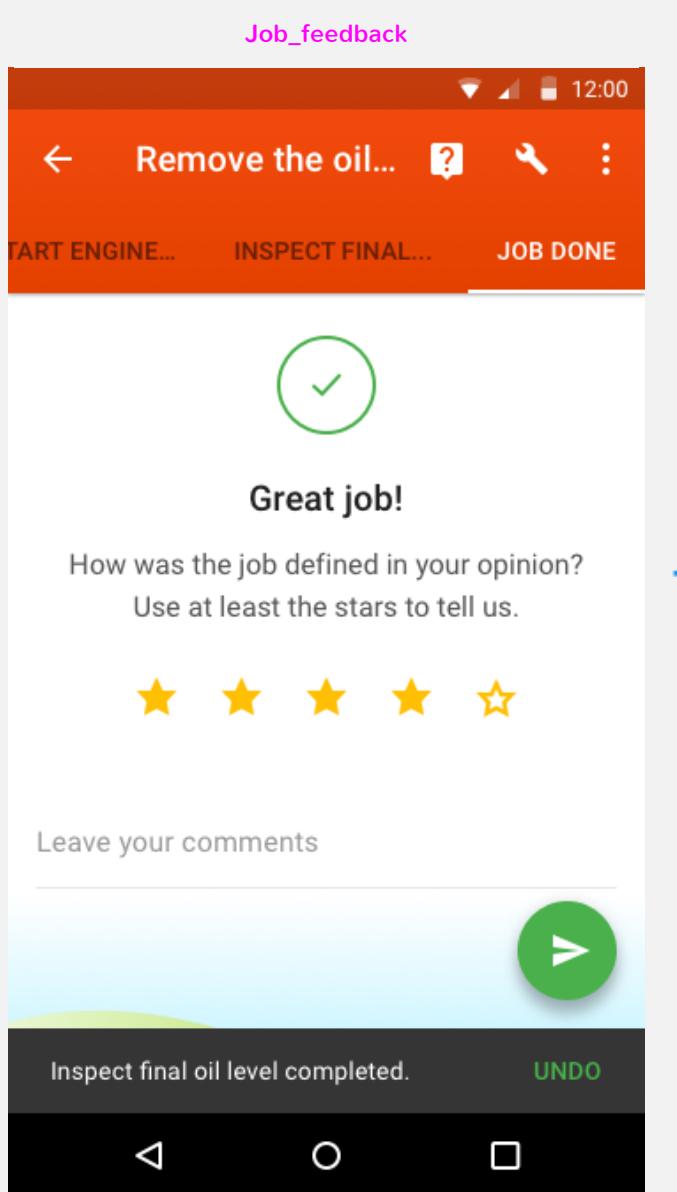
Report a faulty part in My Inventory



DEMO

row: 50.

As a Field Technician I want to be able to rate the quality of the job definition and leave comments on how the job definition might be improved.



① To complete the job give feedback using at least the stars.

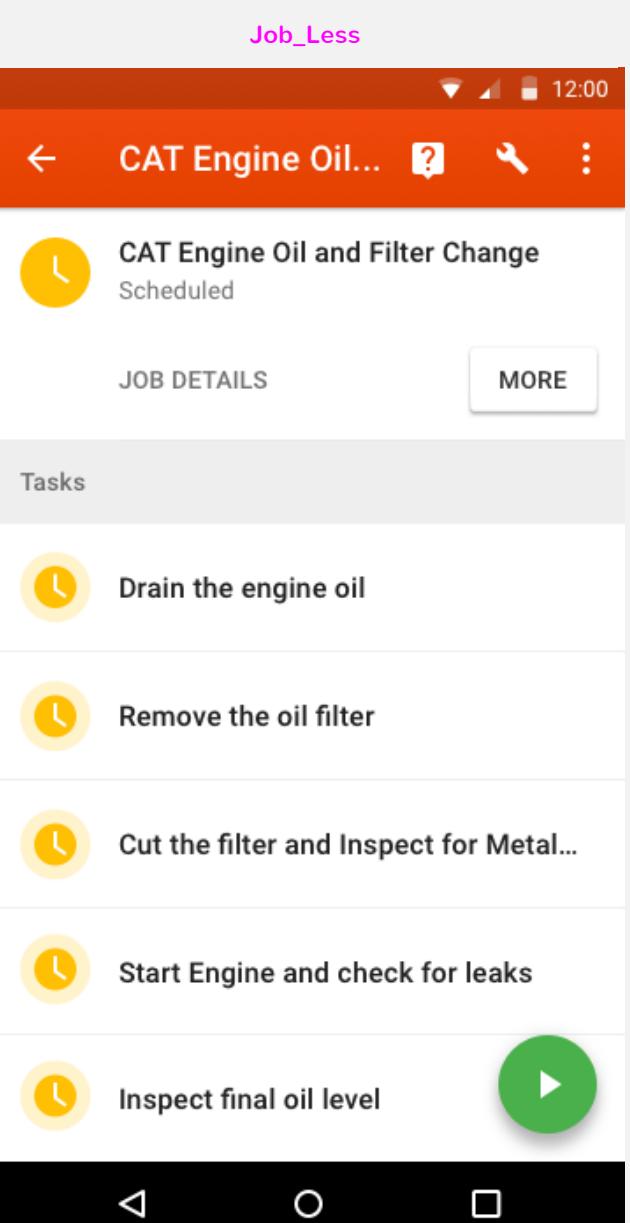
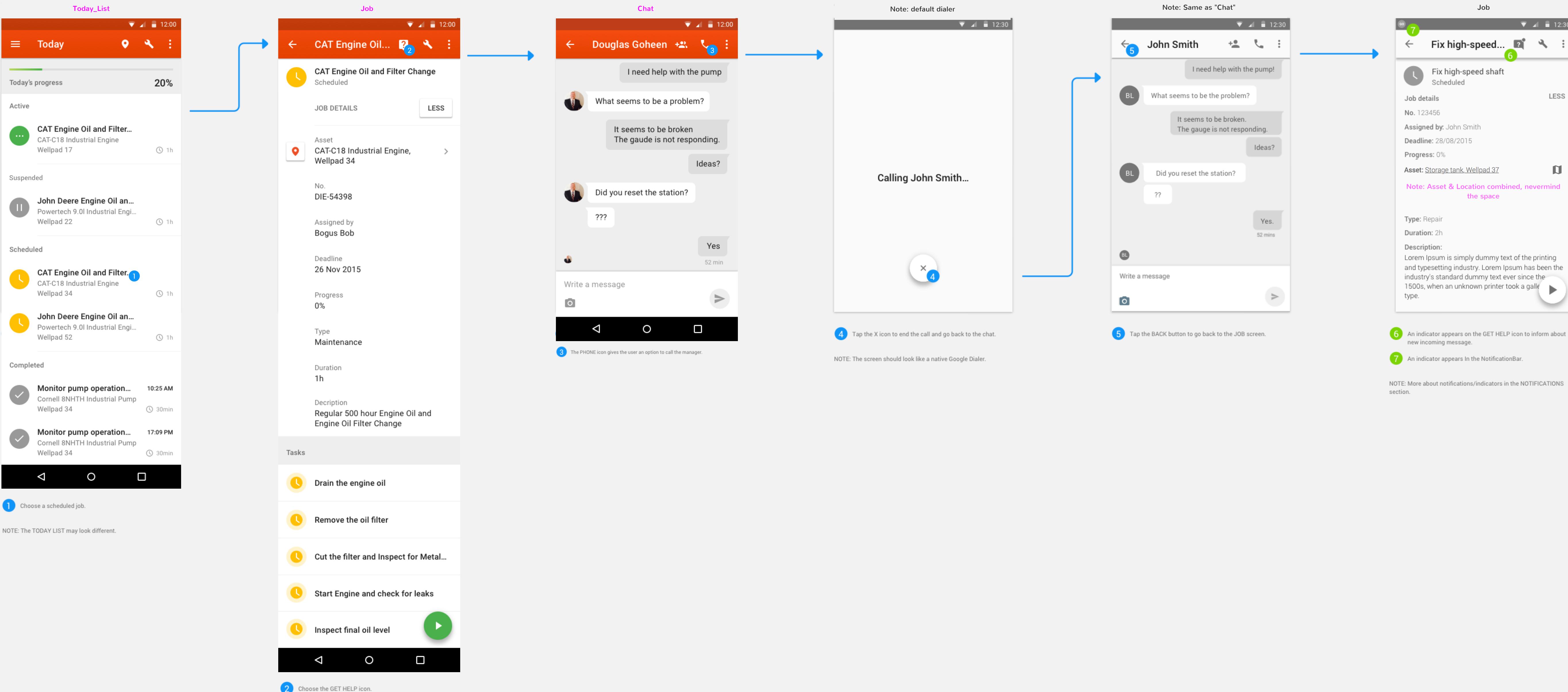
② The FAB is disabled until the user gives some feedback.

NOTE 2: Taping the input field will enable the native system keyboard.

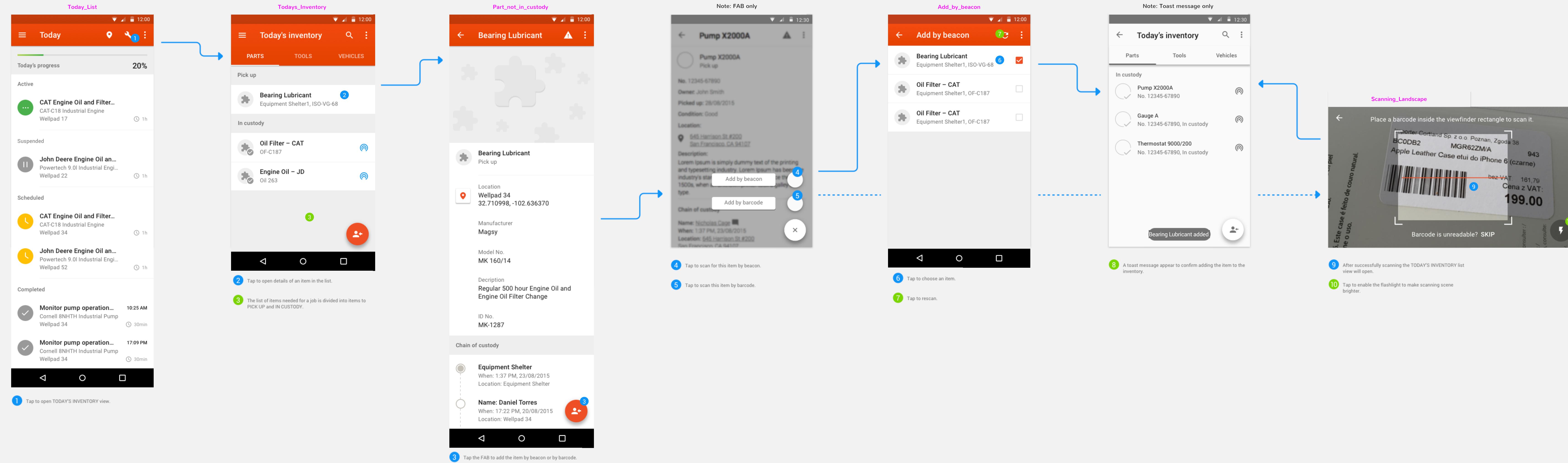
★ ★ ★ ★ ★ Very bad job definition
★ ★ ★ ★ ★ Very good job definition

DEMO row 51.

As a Field Technician I want to be able to choose Get Help from the GOFACTORY mobile app and initiate a chat/voice conversation with a support desk or my Manager/Supervisor. The person providing support should know, who I am, what job I am working on and the tasks I have completed so far



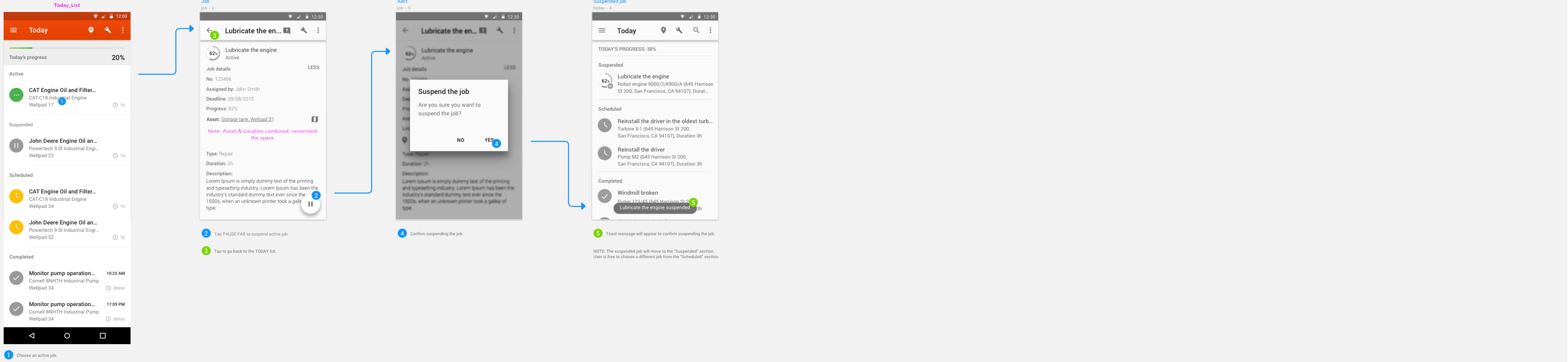
As a Field Technician, I want to see the parts & tools in my custody and those I need to pick up from the warehouse to successfully complete my planned and likely unplanned jobs.

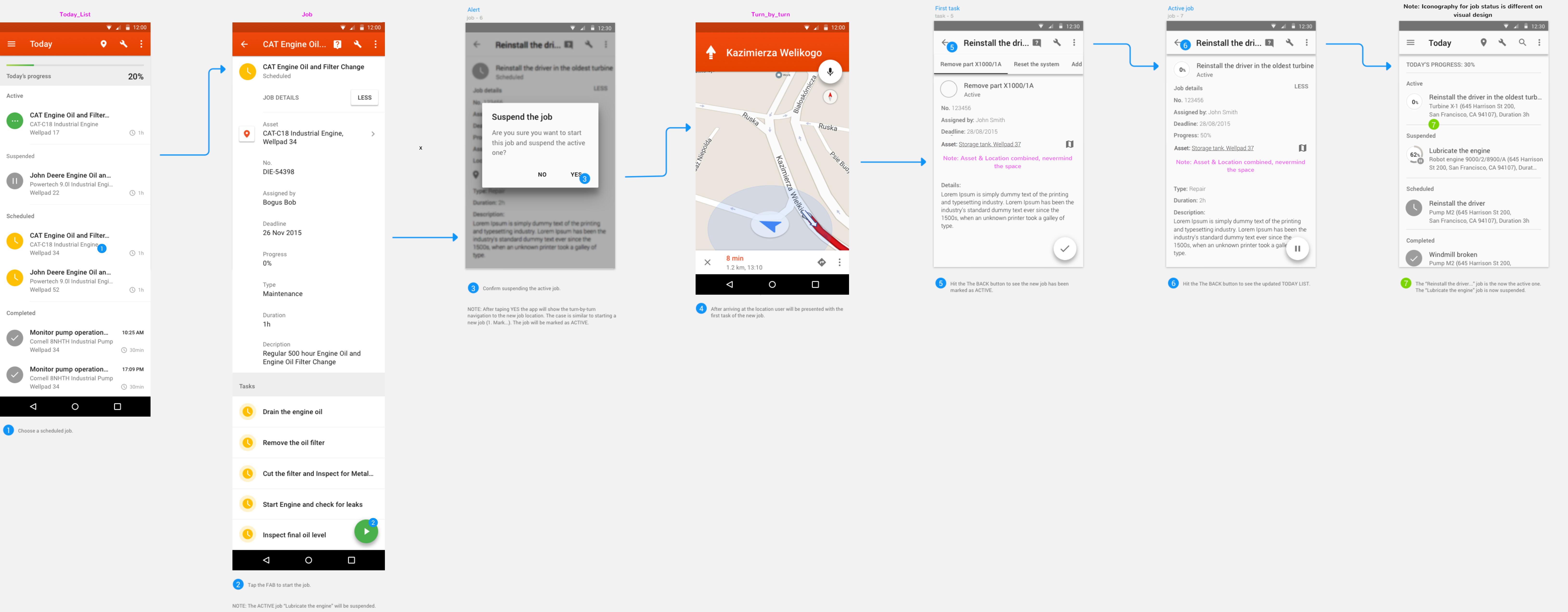


DEMO

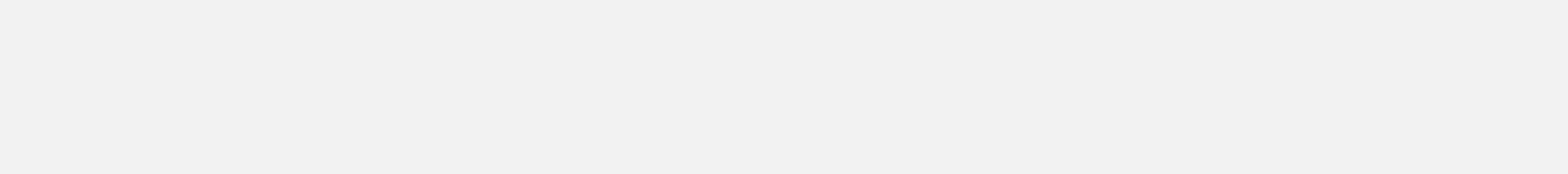
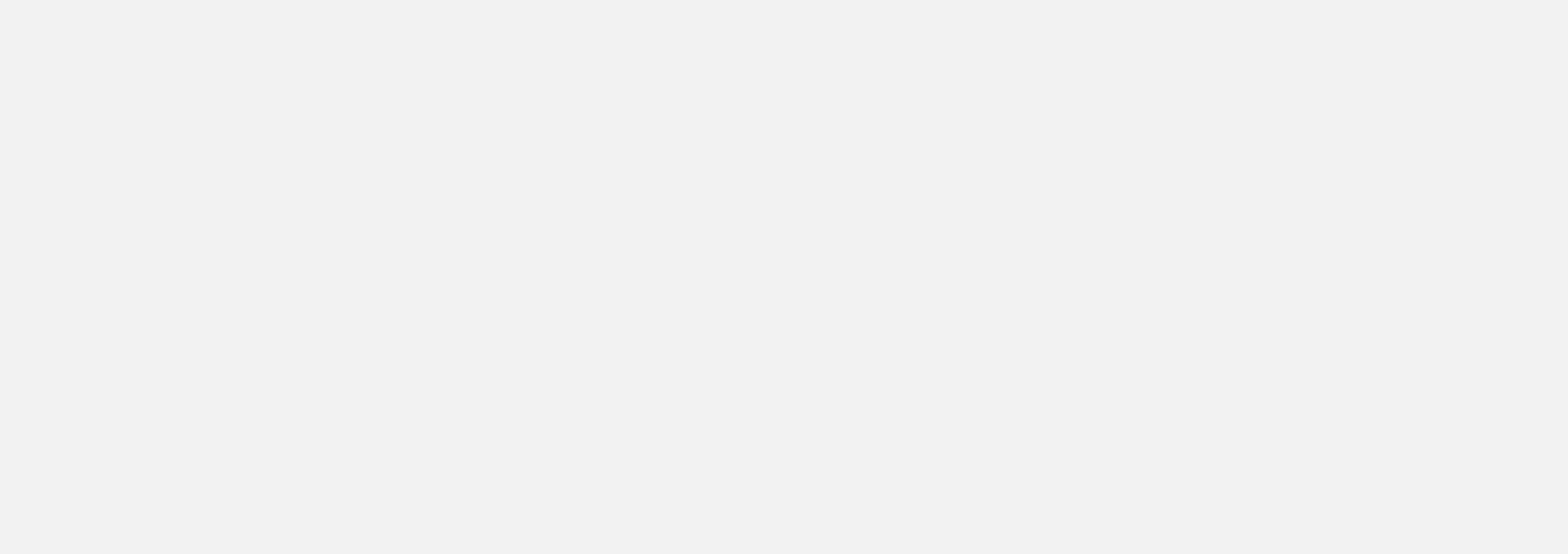
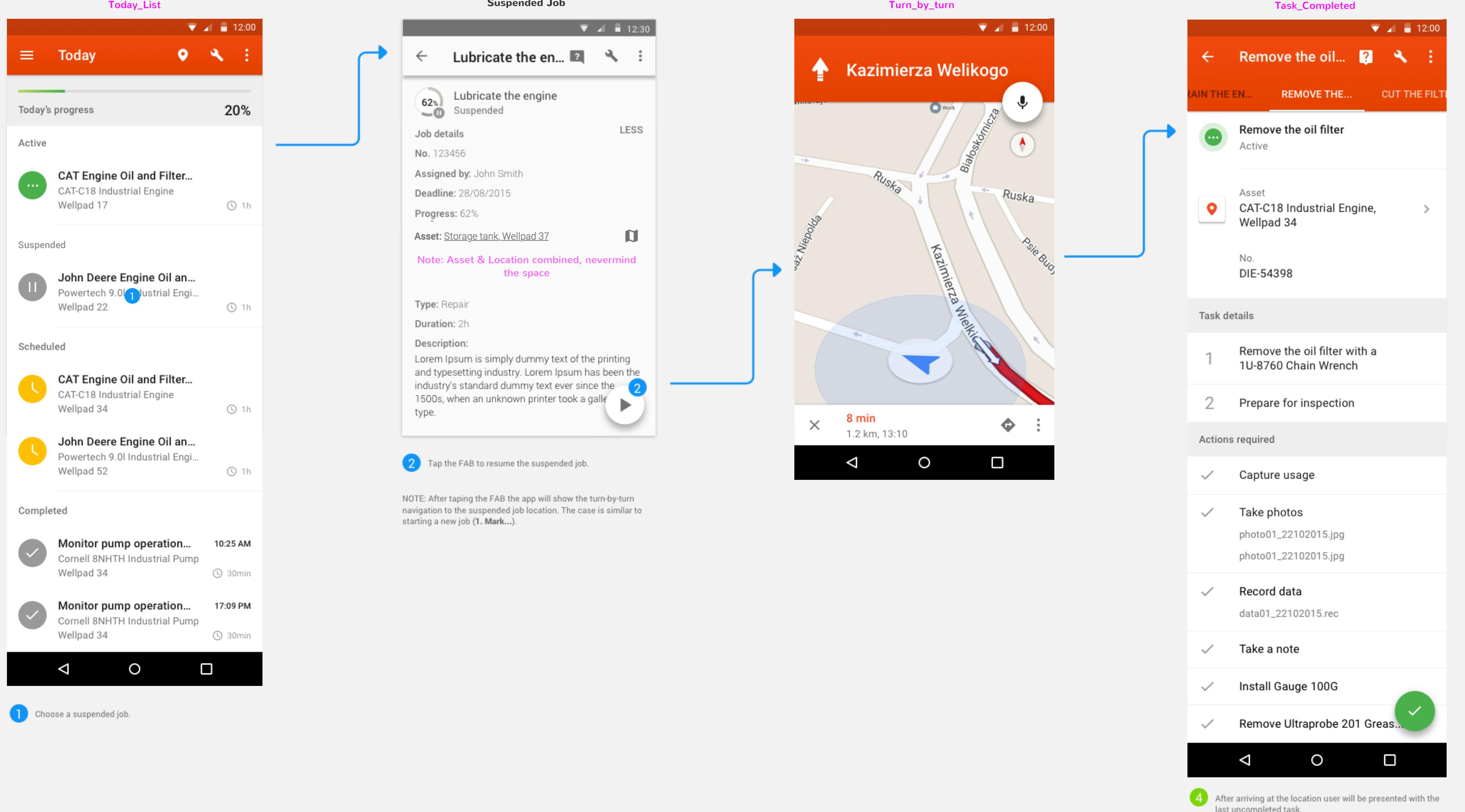
row: 48.

Suspend/pause the current job.

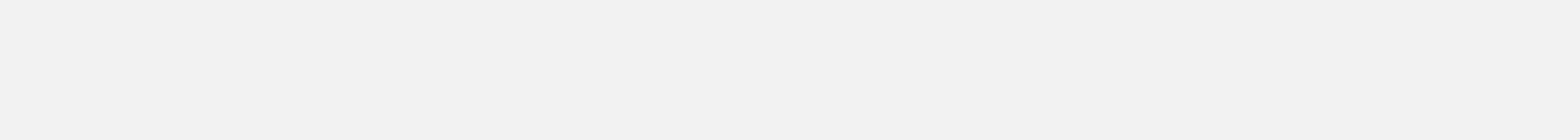




As a Field Technician if I am resuming a previously suspended job, I want turn-by-turn directions to be the first task if I am not already at the location to complete the job



4 After arriving at the location user will be presented with the last uncompleted task.

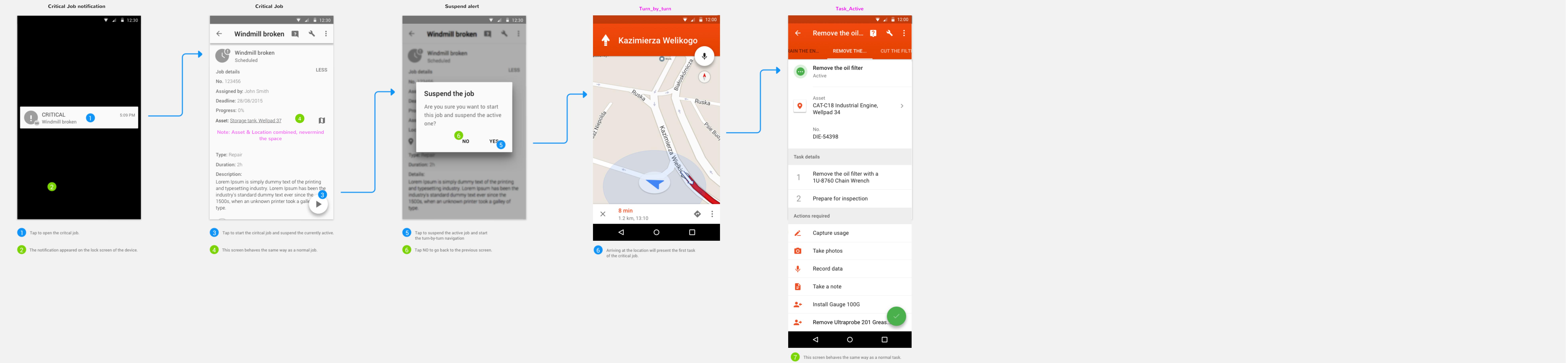


DEMO row: 69.

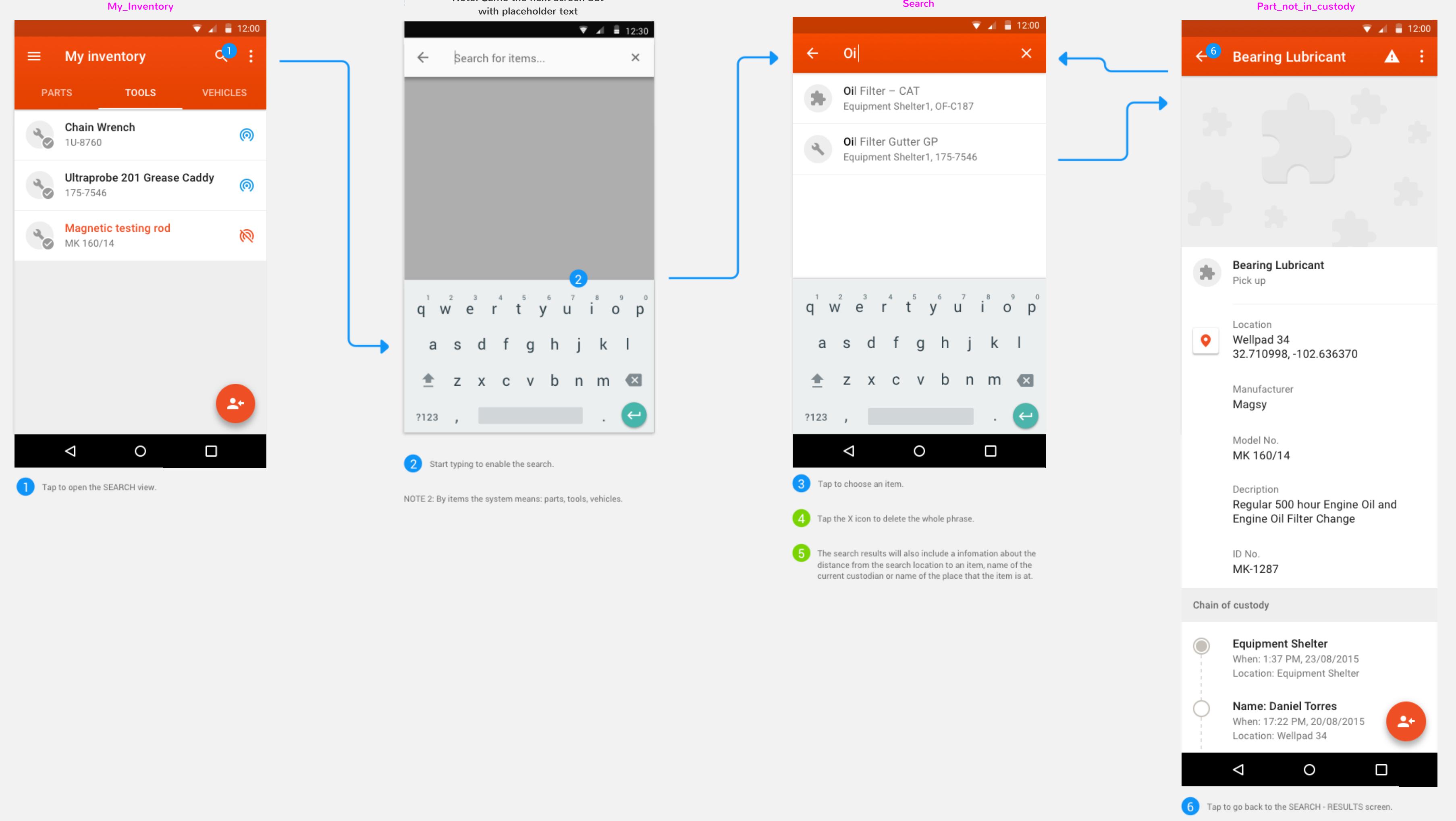
As a Field Technician I want to be able to accept or decline a notification to take a critical response job based on the criticality of the work I have at that time. If I decline, this can be overridden by the Manager/Supervisor. If I accept the Critical Response job then I want my current job to be automatically suspended allowing my Manager/Supervisor to reassign if necessary.

DEMO row: 70.

As a Field Technician I want Critical Response jobs to behave like my normal planned maintenance jobs as much as possible providing me turn-by-turn directions to the location and tasks to confirm root cause and then resolve the issue once root cause is confirmed.

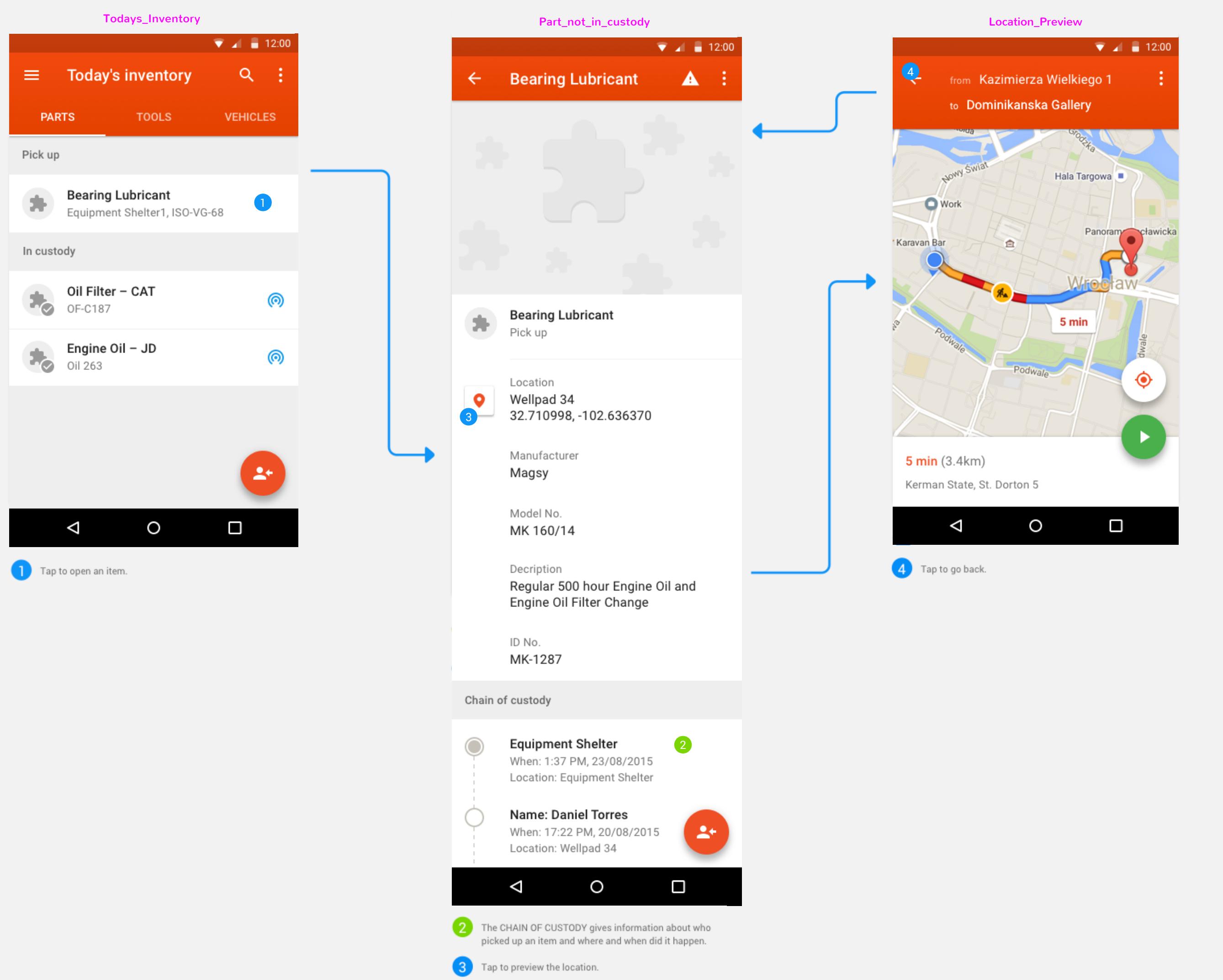


As a Field Technician I want to be able to find the nearest technician or equipment shelter with a part or tool that I require.



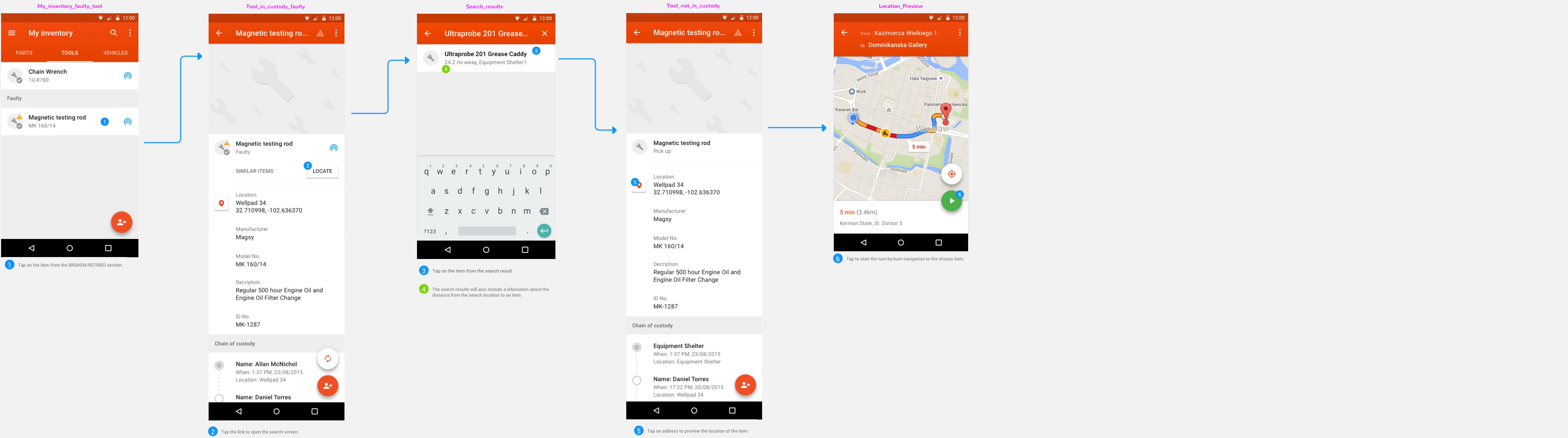
Pilot

row: 85.
As a Field Technician, Manager/Supervisor and/or Warehouse Manager, I want to select a part/tool and view a chain of custody for that part/tool detailing the past custodians and the location and time of the transfers.



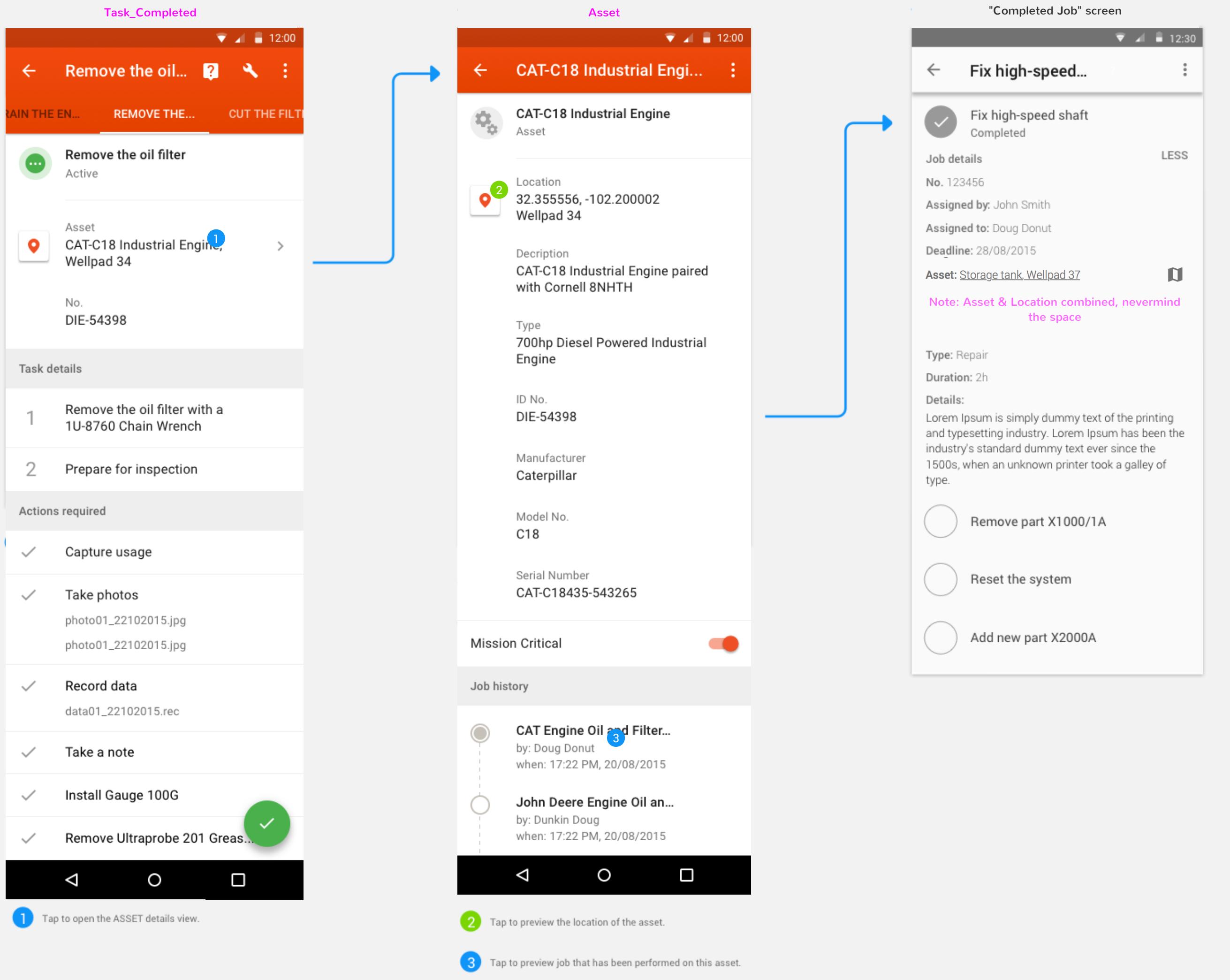
PILOT row: Not stated in the document.

As a Field Technician I want to be able to find the same, but working item.

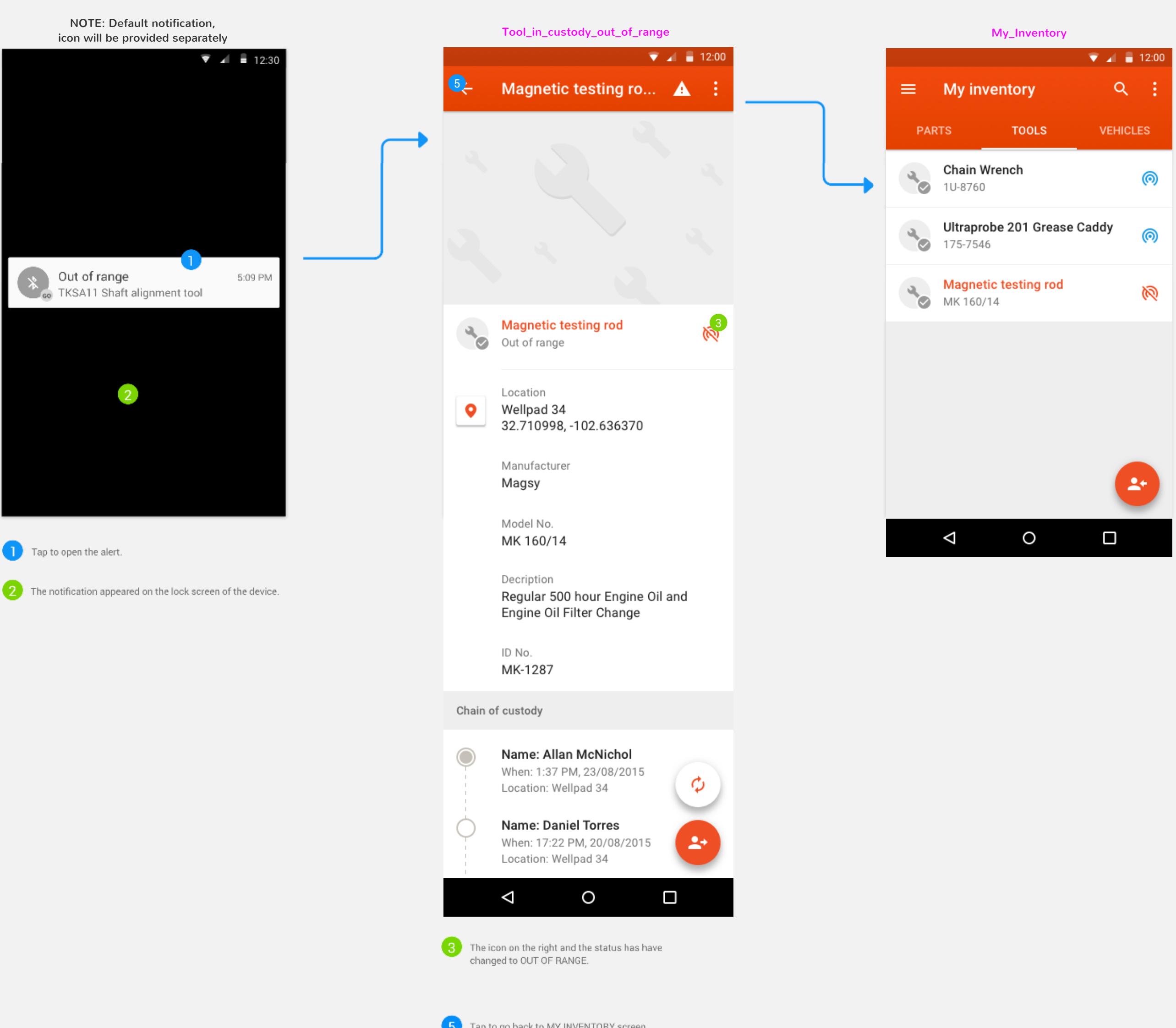


PILOT row: Not stated in the document.

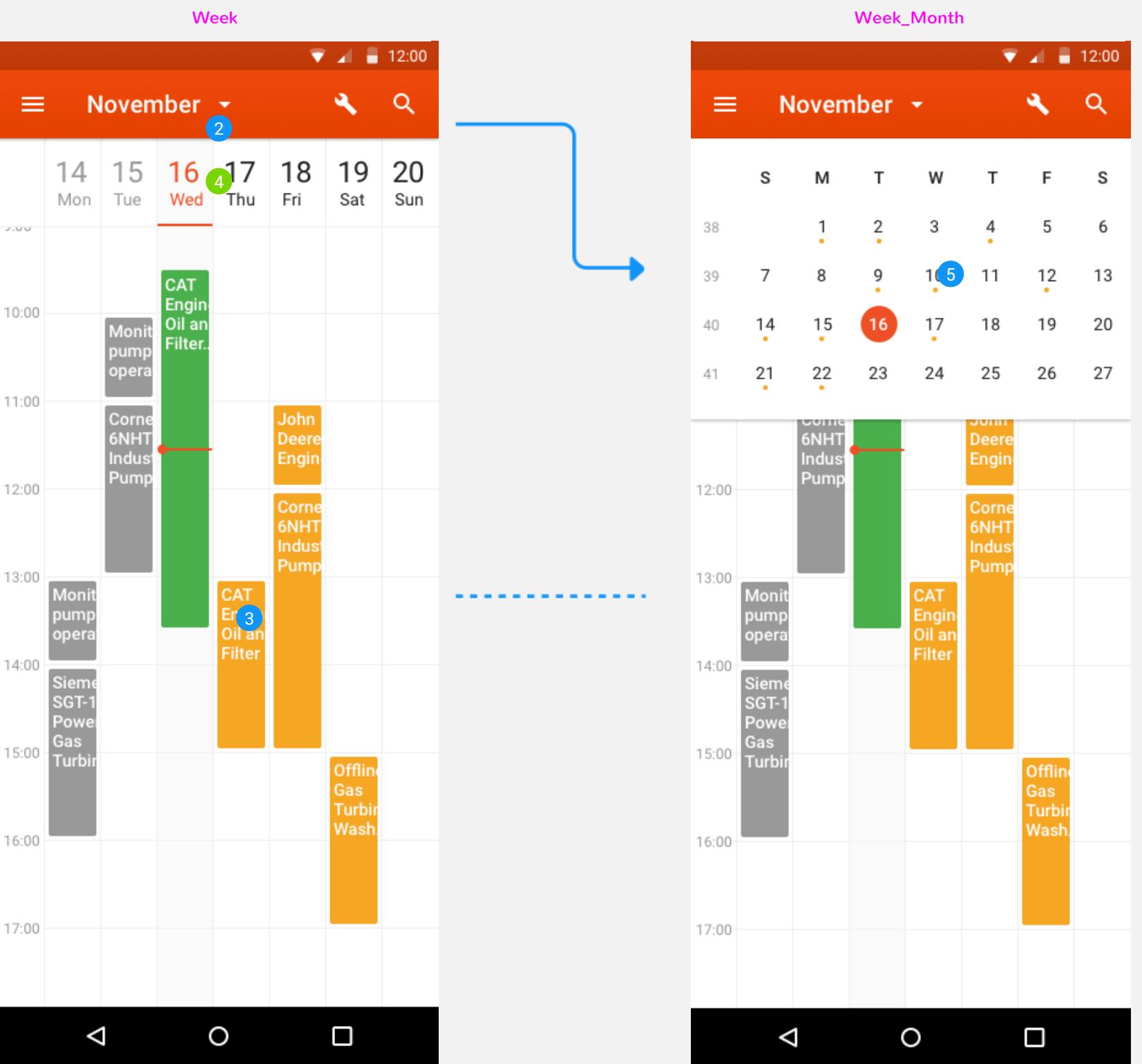
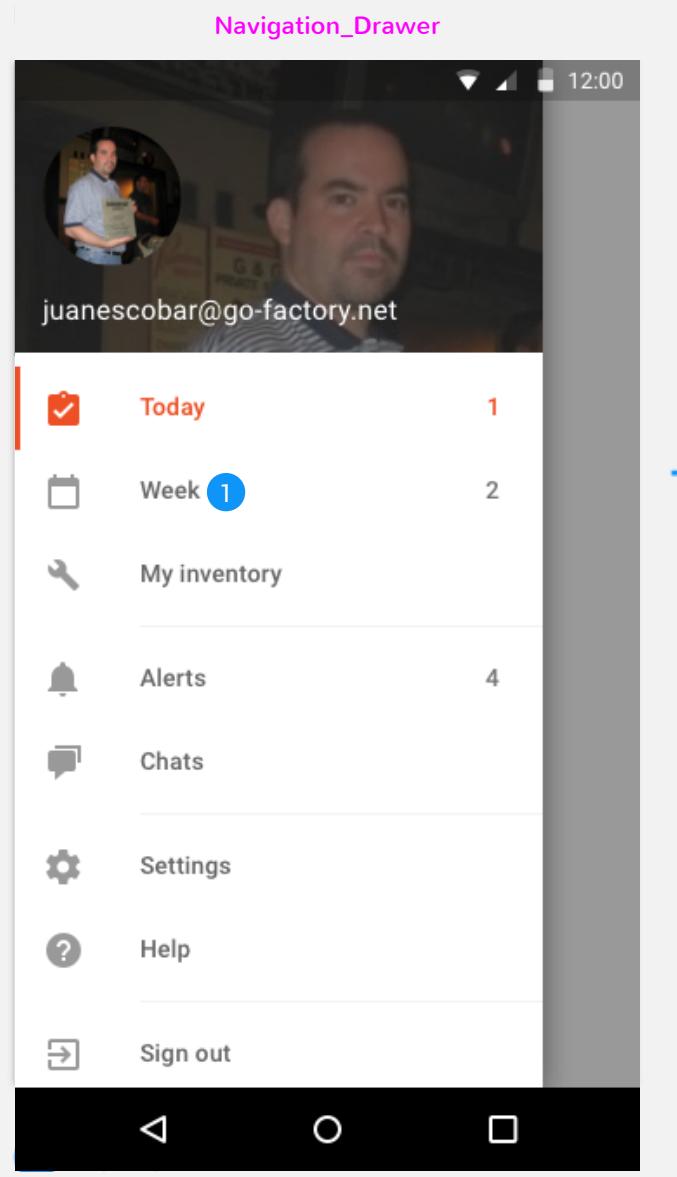
Asset history overview.



PILOT row: 83.
As a technician I want to be alerted on my GOFACTORY mobile device when a BLE tagged tool/part/asset that is in my custody goes out of range.



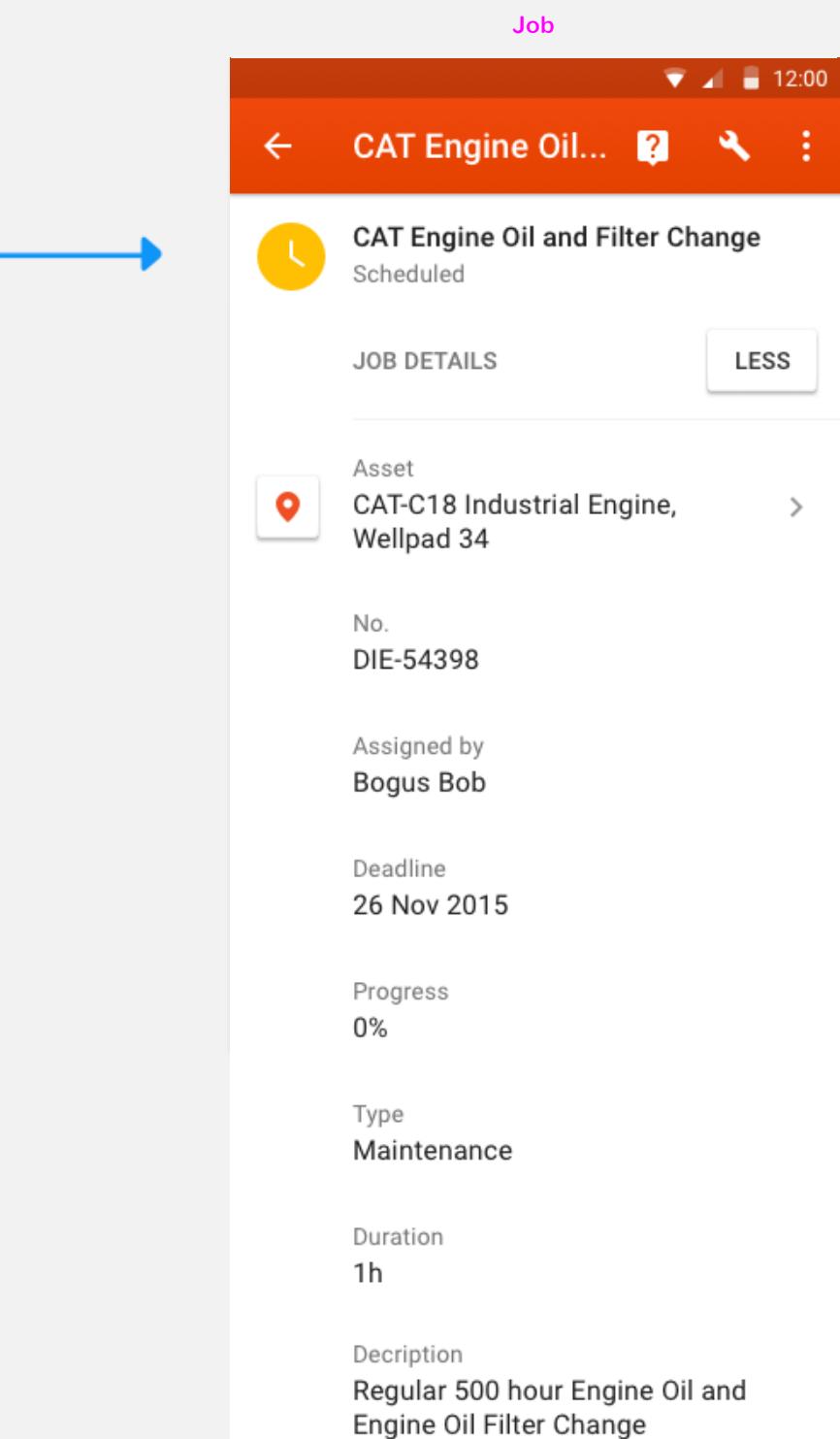
PILOT row: Not stated in the document.
Week overview.



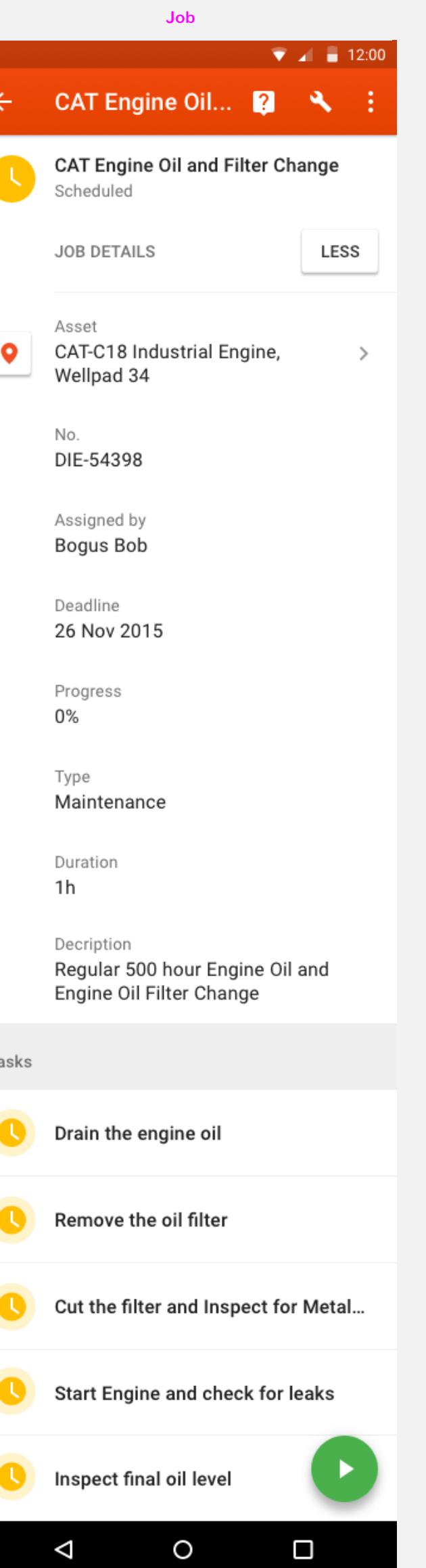
② Tap to see the month overview.

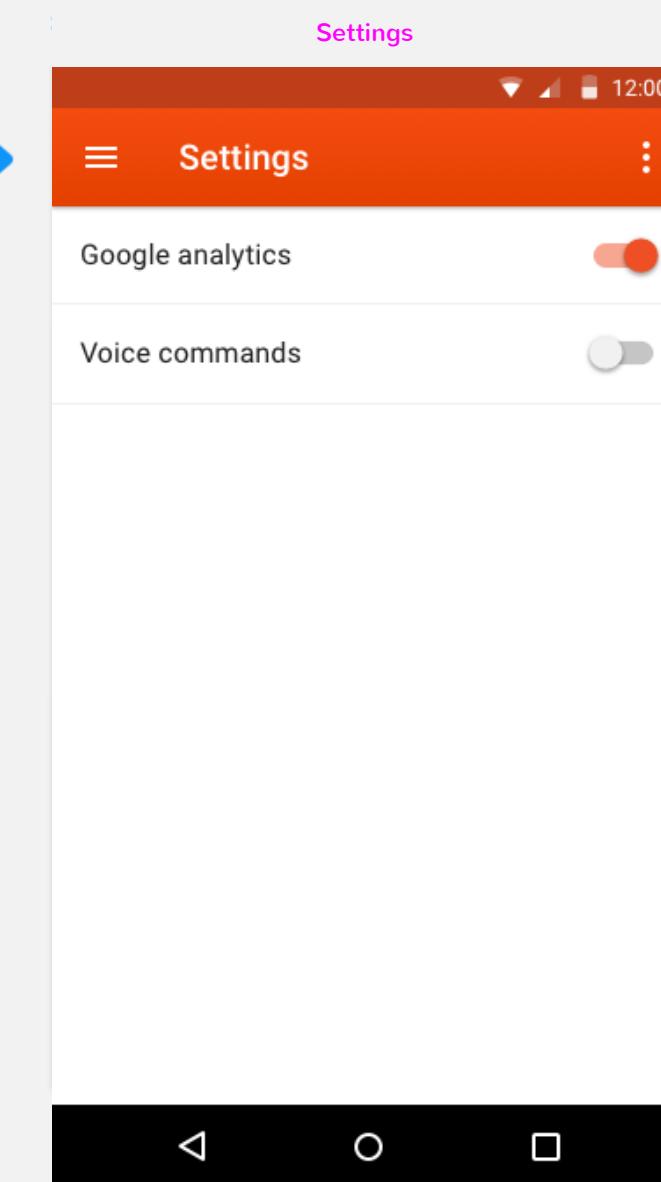
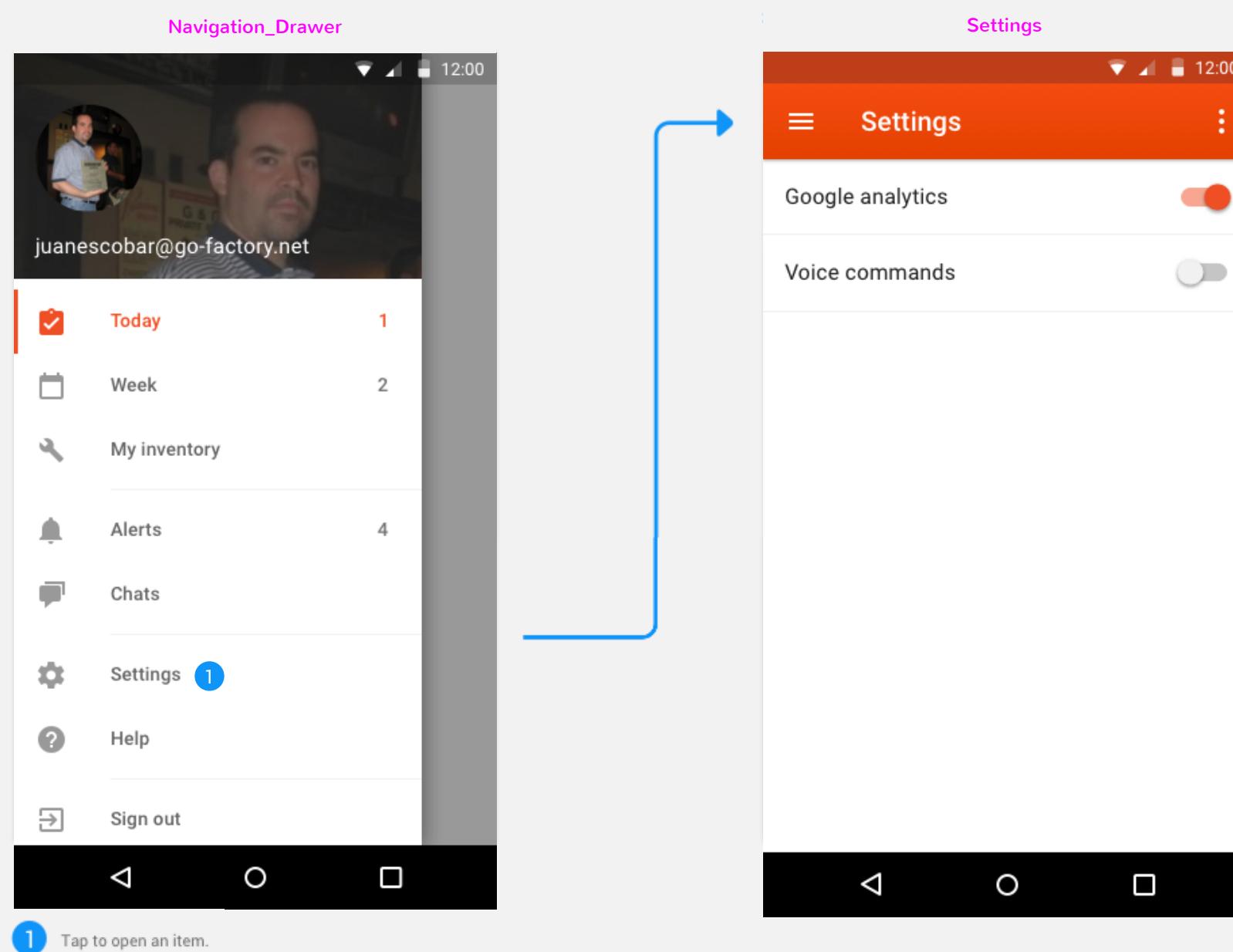
③ Tap to preview a job.

④ Swipe left/right to see next/previous weeks.

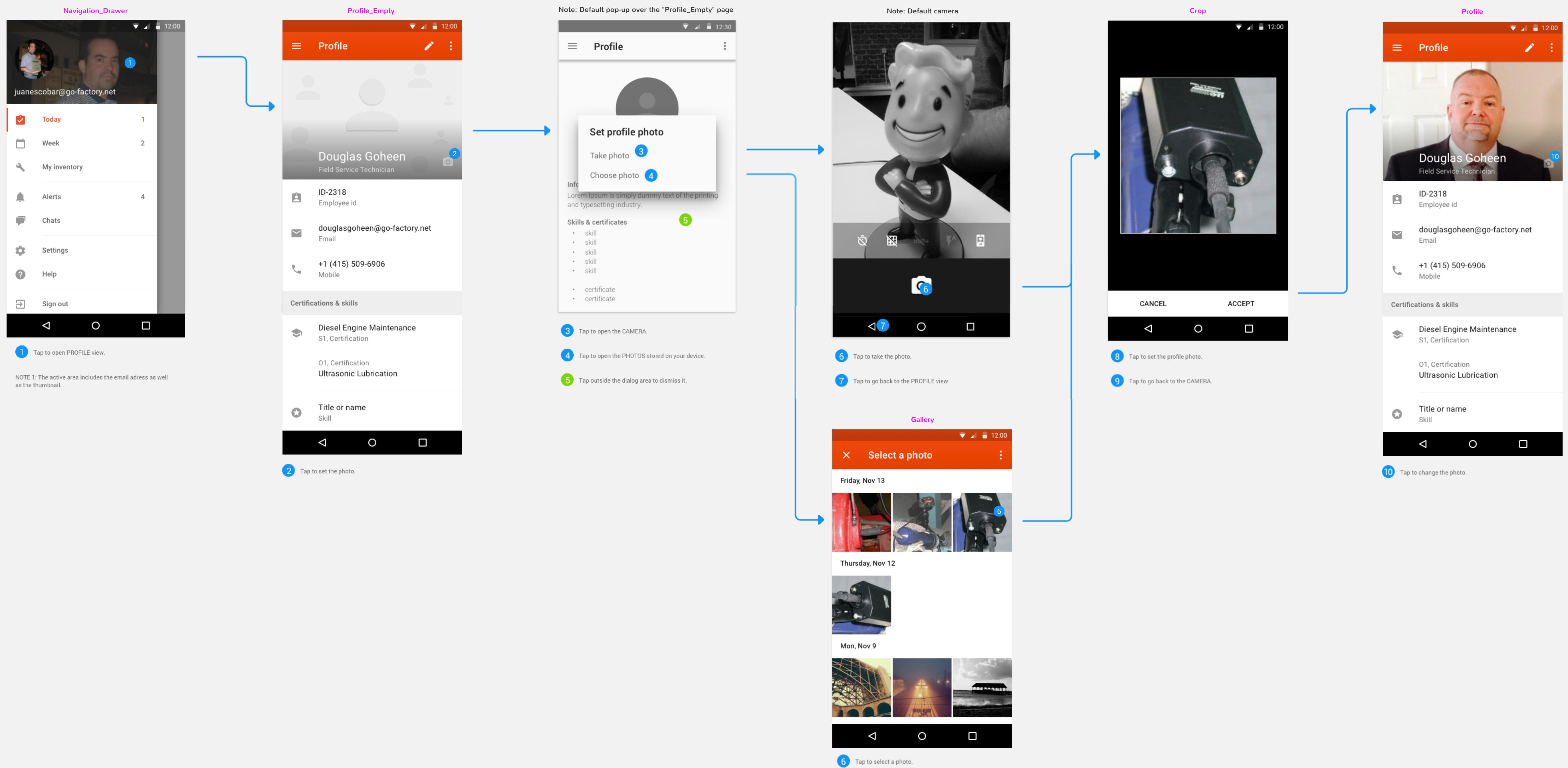


⑤ Choosing a date will scroll calendar to show that date in the same "week view" layout.





PILOT row: Not stated in the document.
Profile + setting a profile photo.



Context Menu (3-dots menu)

