CargoSail Solutions

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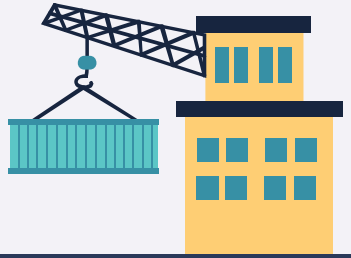

01

StakeHolder Questions

Current stakeholders

- Mr. Keogh
- Crane Operators
- Truck Drivers
- Head Office (handles the transfer lists)
- Port of Long Beach (sends truck to move container to another location when truck is down)
- Ship captain and crew
- Container warehouse owner and workers
- Consumers
- Businesses that the truck drivers are driving for

Are there any stakeholders we may have missed?

Additional stakeholder questions

- Will any of the stakeholders want access to the log file and if so should we handle the distribution or will the workers handle it?
- Are there additional laws that may come into effect that are important to the software? For example, the balancing being changed to something other than 10% or the rows and columns of the ships being changed to something greater than 8 rows by 12 columns.

02

Hardware Questions

Computer Related

- What is the current OS running on the PC?
- Will the workers have access to the file system on the computers?

Vehicles and Containers

- What is the average number of trucks that come in a day?
- If a container needs to be offloaded, but the truck for that container is not in the holding area, then a special truck is called. How long does it take for the special truck to arrive at the holding area?

03

Software Questions

User Interface

- When the operator signs in at the beginning of their shift, should we block numbers and special characters in the name input field or allow them?
- Do any operators have eye sight issues such as farsightedness or astigmatism? Should the container descriptions be in a large font to accommodate for any eye sight issues?
- Are any operators color blind? Would you like support for a colorblind mode?

User Interface

- Would you like a tutorial with pictures that the operator could launch to guide them through the software?
- Is any legible font okay or do you have a specific one in mind?
- Is a white background with black text okay for the general look of the software?
- Should the name of the operator that's logged in be displayed somewhere on the screen? If so, should it be just their first name, last name, or first name with the first letter of their last name?

Software Backend

- Do you have any sort of preference towards a website (on chrome) or a downloadable desktop application?
- Would you like the software to display one container move at a time or a queue of moves all at once?
- In the log, should we use the standard PST time or should we base it off the time the computer is currently on?

Manifest I

- In your experience, what type of “describing words” are used to describe the cargo in a container in the manifest? Company name, cargo type, cargo quantity, cargo origin location, etc?
- You’ve mentioned that the new manifest should go to the desktop, would you like a backup to be stored somewhere else on the computer?

Manifest II

- If there are 2 containers that are from the same company, but are carrying different items, would you like them to be color coded? Or is there another way you'd like to differentiate them?
- If the user chooses a duplicate container and there is another crate that is easier to get to, should we do the change automatically or should we have a popup that asks the user first?

Manifest III

- Does the manifest file name always have the ship's name in it? What should we do if we can not identify which manifest file belongs to which ship?
- Should we always assume that the text inside the manifest can be represented by other languages, the presentation just mentions English and Spanish?

Balance

- For balancing, you mentioned that if it can't be balanced, we can do SIFT. If we compute SIFT and it still can't be balanced, do we just have a popup that says the ship cannot be balanced?

Transfer List

- Does the crane operator always know which transfer list belongs to which ship
- In your experience, what type of “describing words” are used to describe the containers in the transfer list? Company name, cargo type, cargo quantity, cargo origin location, etc?
- Currently, how does the operator match the container on the transfer list to the container description in the manifest. What words do they look for first?

Log File

- Do you want a feature to import a log file or should we start from the beginning and save it from then on after you start the program for the first time?
- In your presentation, the log file was formatted with the date and time like Jan 3rd 2026: 16:02. Should we assume it'll always be like this?

Log File

- How sensitive is the information in the log file? Are there any legal limitations that we have to be aware of?
- You mentioned: “[The log file] should never be edited directly by humans.” Are you concerned about operators manually changing the log history. For example, adding a log that says a container was offloaded. However, in reality, it was never offloaded.
- Where would you like the log file to be stored? Is the documents folder under something like CargoSail Solutions be okay?

Data Storage

- Would you like employee data to be stored such as total time worked, and number of containers completed? If so, does the head office or yourself need the records for the day?

Scenario

- Is there a point where the weather forecast can change the operations of the crane, if so would it be beneficial if we showed the weather in the software for the crane operator to know the forecast in advance?

Thank you!

Any questions?

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