

Ali's Oil Requirements Elicitation

Session 2

Date

February 7, 2019

Attendees

Tony Chan, Asim Ali, Andrew Rose, Michail Roseli, Gregory O'Hagan, Cyrus Erfani, Oliver Lewis, Kristian Darlington

Minutes

Any additional comments or general thoughts after RD1.1?

No, comments in RD1.1 covered thoughts and concerns.

Elaborate on comment: "Specify better what 'ledgers' means, what ledgers contain, and what they accomplish". (Section 1.2)

There are multiple types of ledgers: ledgers for debt, ledgers for inventory, ledgers for transactions. We are to specify what kind of ledger and what it contains.

Elaborate on comment: "'Increasing profits' is inaccurate - this is about improving efficiency and cutting costs". (Section 1.2)

It's about increasing efficiency. Indirect result is profits increasing, but primary objective is efficiency.

Elaborate on comment: "Specify that managers have access to all features accessible to regular employees, plus more". (Section 2.3)

More details and consistency are required. Detail what permissions are assigned and what permissions are mandatory for all employees.

Permissions that are mandatory for all employees:

- Add, edit transactions
- Add, edit customer debt
- Add, edit inventory

Employees should not have access to long term financial data, unless access is granted by manager. It is good to define 'long term financial data'.

Elaborate on comment: "Manager points 2 and 3 apply to both employees AND managers". (Section 2.3)

It may be more clear to state the employee uses of the system first, then below, specify that the manager has all of the uses an employee has, plus more.

Elaborate on comment: “Reconcile conflict between employee’s limited use of the new system vs. they can only access parts granted access to by a manager. Explain better how those two things can both be true”. (Section 2.3)

State the default permissions that every employee always has, and state permissions that manager has and can grant to other employees.

Elaborate on comment: “System should be able to toggle between Urdu and English.” (Section 2.5)

The language will be English. When adding a product, employee will be able to add the Urdu name beside the English name.

Elaborate on comment: “‘Interact with’ is too vague. Use ‘edit’”. (Section 3.1)

Less ambiguity is desired. Be more verbose and state explicitly.

Elaborate on comment: “this needs two separate requirements for a) restocking inventory and b) adding new types of items”. (Section 3.1)

(a) Although restocking inventory may be covered under FR-03, it wasn’t clear what “specific information” in FR-03 was referring to.

(b) More clear wording would be nice to have, but the idea is right.

Elaborate on comment: “specify where price updates are stored (in the system, not on the sign in front of the station)”. (Section 3.1)

There should be clarification that the system updates its own internal price, not anything visible to customers.

Elaborate on comment: “Are sales, inventory, and customer reports the (only?) three types of reports? Does each type of report have the same layout, regardless of the subtype of report?” (Section 3.2)

It should be specified that each reporting requirement is for a distinct report. It is not clear whether the requirements under each category of reports are for one report, or multiple. The timeframe of reports should be customizable.

They client group should follow up with:

- what kinds of reports are required
- what information should be in a report
- what aspects of these reports are customizable

Elaborate on comment: “FR-20: define ‘record’. Is that the current amount of cash in the station or a log of how that amount has changed over the day/week/month/year?” (Section 3.3)

It’s vague; should be clarified.

Should manager be able to manually adjust current amount of cash on premises?

Yes. Managers should also be able to edit a transaction, and a record kept in the system of which manager did the edit. Edits should be associated with a transaction.

Should there be a reporting requirement for edited transactions?

Probably not. However, it should be possible to view the history for an edited transaction.

Elaborate on comment: “It’s not necessarily true that if they can’t pay for something if they are in debt - money may just not be on hand”. (Section 3.4)

The clients interpreted this as meaning that if a customer has debt, they cannot pay for anything. This is not the case; most customers have money, but don’t pay until later.

It should also be clarified in the description that the system aids in the management of customers are indebted to Ali’s Oil.

Elaborate on comment: “FR-30: Add another requirement for the amount of time it takes to retrieve and update prices”. (Section 4.1)

Should additional requirement should go in the performance requirements section.

Elaborate on comment: “FR-28/29: who is that notification for? What form does the notification take?” (Section 4.1)

State that manager and employees on site are notified. If the owner is accessing the system remotely, they are also notified, with a message in the system.

Notification should have some kind of sound to alert an employee if they are not at the screen.

How quickly should the system detect changes in oil prices?

Within 10 seconds of a price change.

Elaborate on comment: “through the Internet, not just any old computer network”. (Section 4.3)

Connection should be through the internet. This is a requirement.