**ROBO PROJECT CHANGES**

Remove “Manage” word from main screen’s Manage Client, Manage Machines and Manage Sites buttons.

Time required for updating: 0 hour

Remove main screen’s Manage Client, Manage M/C and Manage Sites buttons and replace it with area which contains two buttons (add, view button) each for three of them removed.

Something likes this:

**Clients**

View

ADD

Time required for updating:

For designing: 15 minutes

For refactoring old code: 3 hour

Add new buttons

1. User settings – (interface not known, must have full details)
2. Email report – (what kind of report to be sent to email provided, and what details should be sent.)
3. Home button – (Redirect user view to empty view)

Time required for updating:

For designing: 15 minutes

For refactoring new code: ~4 to 7 hour (depending on button 1 and 2.)

Remove “Parameter Variable” link from Top-Right Setting button.

Time required for updating: 0 hour

Remove One machine type from MIND: ATM Machine category should be removed from whole ROBO mind.

Time required for updating: 1 hour

Replace following field from Add\_Client Page with its new replacement.

|  |  |
| --- | --- |
| **Field name** | **Replacement** |
| Contact info | Contact number |
| Contact nickname | Contact Nickname |

Time required for updating: 0 hour

In View\_Client page replace column “Site” with “No of sites” column.

And replace “Not working” status word with “Breakdown” word.

Time required for updating: 0 hour

In View\_Clients page remove “Status” column and add new column each for Working Status of machines (Healthy, Unhealthy, Breakdown, Not updated)

Time required for updating:

For designing: 15 minutes

For refactoring code: 1 hour

Description in technical word: Developer required to change definition of previously defined function.

In View\_Sites page, remove column ID.

And Arrange columns in following order:

1. Site name
2. Client id
3. Client name
4. Ro
5. Mb
6. Softner
7. Dm

Here all seven column have subcolumn having name:

1. Time of update
2. No of machines

Time required for updating:

For designing: 1 hour (due to sub-columns)

For refactoring code: 2 hour

Description in technical word: Developer required to redefine the definition of sites refreshing functions.

In Add\_Machine page, Remove all parameters from Want To Display list, and add only these parameters

1. Working Condition replaced with ON-OFF Status
2. Pretreatment Sand Filter
3. Pretreatment Carbon Filter
4. Pretreatment Softner
5. Total volume of plant produced
6. Total no of RO working hours
7. Today working hours
8. Today plant production
9. Flushing
10. Tank full

Here parameter number 2, 3, 4 are may be new parameters and params 2,3,4,6 are RO related not to all machine types, so filtering is must.

Time required for updating:

For designing: 30 minutes

For refactoring code: 3 hour

In Add\_Machine page, there is need to have one more list for selecting parameter variables here as in Top-Right Setting’s Parameter variables.

But in different manner likes this.

List having six columns

1. Tick
2. Description
3. Healthy limit
4. Unhealthy limit
5. Stop

Here column 3 having two sub columns

1. From
2. To

Having textbox in lists.

Here column 4 and 5 have following components.

1. Selectiong for Greater-then , Less-then, Equal-to
2. Textbox for entering value

Here in rows (Fixed):

1. Pressure Gauge 1
2. Pressure Gauge 2
3. Pressure Gauge 3
4. Pressure Gauge 4
5. Pressure RO IN
6. Pressure RO OUT
7. Feed water TDS
8. Permeat water TDS
9. RWP AMP
10. HPP AMP
11. DryRun Amp
12. LP
13. HP
14. Floty
15. Segment filter service
16. Carbon filter service
17. Softner

Row number 14, 15 unknown to developer.

Time required for updating:

For designing: ~ 1 to 2 hour

For refactoring new code: ~ 5 to 9 hour

Description in technical word: Mind modification required and new definition required to declare.

In View\_MC page, Add single refresh button for sending update messages to machines. And removes it from Machine Operation page.

View\_MC Page, must ne filtered through the Client Selection, Site Selection and Machine Type Selection.

RO type has perticuler status words: ON-OFF, LP, Tank Full, Flushing

New column having name “Production” with 4 sub-columns.

Replace “Parameter reading” word to “Readings”

Time required for updating:

For designing: 1 or 2 hour

For refactoring whole code: 3 hour

In Machine\_Operation page, Removes following things

1. Update buttons
2. Setting and Status reading display area.

add new component

1. List

This list should display info like View\_Machine page’s List.

Time required for updating:

For designing: 2 hour

For refactoring code: 2 hour

*In general, there is two format for status and setting received message that need to be re-fixed or re-matched with new parameters. Developer has selected format from document sent by E.C. Engineer.*

*Database required to modify, because re-mapping of parameters as well as machine healthy condition going to associated to particular machine added not to machine type.*

*Whole list refreshing mechanism must be re-factored as per new list schemas.*

*Add machine page have heavy modification about parameters itself but also in database.*

*Some of parameters are may be new else it should be re-mapped with already in.*

*User setting, Email report button’s interface must be defined in details for developing.*

*That’s it.*