**Notes for the rest part of the report:**

Green – implemented

Blue – implemented but not sure if it is what you want

Yellow – partially implemented

Red – not implemented

White – not a task text

Red – my comments

Pink – your comments

Blue – my second comments

I don’t know why but background colors disappear in this word file after reopening.

-----------------------------------------------------------------------------------------------------------

**Tasks already done**

1. I would like to put the “change status” phrase in the blue box like the “products”

Done – is not possible the realization of the change status buuton to be as the suggestion in order to have a uniform appearance? Please make the Status in upper case, STATUS

|  |  |
| --- | --- |
| Suggestion | Realization |
| C:\Users\George\Desktop\REPORT.jpg | F:\F\Android\Projects\Vortex\VortexScreenshots\Report_7.png |

2. I would like to change the blue color to grey besides disabling it when checking-in or out.

Done

3. Moreover please correct the popup message. When checking in the popup message should say: “Success..You have successfully checked in”. currently you do not mention the “in” word on the message and the “out” when checking out.

Done

4. On the assignment detail screen the "problem" row might be a long story of what the customer expressed a what the problem is. soi think there must be a way to popup this in order for the technician to read these sentences. i suggest we should pop up all the assignment details. for example a long address will not be visible as we have it till now.

I added manually very long problem description to this field. Please see if you mean such behavior of the long text field.

How many characters does this field can get?

As much as Android Operating System allows. Pretty much to be able to describe everything related to a problem. OK

5. I would prefer a nicer exit verification popup. i attach a proposal.

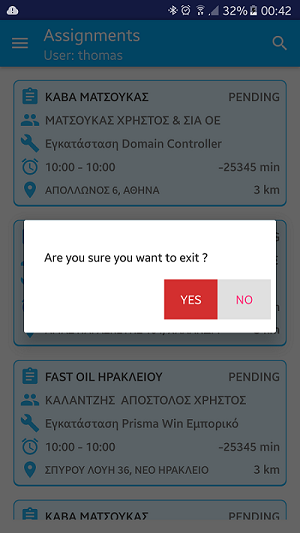
Implemented. Please check if it is what you want.

Can you implement the exit verification popup as in the screenshot I sent you with the only difference the phrase “Are you sure you want to exit” to be on the same line.

|  |  |
| --- | --- |
| Suggestion | Realization |
| F:\F\Android\Projects\Vortex\VortexRequirements\Exit.png | F:\F\Android\Projects\Vortex\VortexScreenshots\Dialog_1.png |

If your phone shows different design it can be probably that some Android versions set their own themes to applications. Please send screenshots, phone model, and Android version.

It is a Samsung S6 edge. Android version 6.0.1. I attach you the screenshot



6. On the login screen there must be a settings button for entering the Server database credentials (Base url host).

Done

7. Assignments sorting by Start Time.

I have analyzed what we were talking yesterday about the sorting and came to the conclusion that the best and phone resource efficient way will be to sort at webserver as you want, and add a new column/parameter **“forSorting”**with numeric values to assignments json, then I will sort assignments by the **“forSorting”** parameter.

Ok the webservice will serve you the sorting of the assignments. I have named the column: Sorting

Done

8. The app should bring the status of the assignment in the “change status” button as “PENDING” before checking in. that is the default status before the technician starts, unless the headquarters update the assignment status to “CANCELLED or “RESCHEDULED”, where this status must be shown in every page where we mention the assignment status.

Done

I set default value “Pending”.

Let me know if user allowed to Check Out leaving status = Pending or he must change status from Pending to another before Check Out.

You are right. User in not allowed to check out with the pending status on the assignment

I have changed text “Change status:” to “Status:”

**Tasks partially done**

1. Icon on the header bar on the right part for enabling/disabling GPS,

I will suggest enable/disable GPS via Android OS method without duplicating Android OS functions inside the app. Instead I can add checking if GPS is on/off and pop-up dialog when is Off, which will redirect to Android OS place for switching On/Off GPS.

Ok that’s fine. However if the technician decides on the popup dialog not to enable the GSP the app should work even without mapping routing.

App will work; even will show users’ current location. However it will not be so precise because location data will be taken from mobile network not directly from satellites. OK

2. We should also have the assignment status next to Assignment ID.

|  |  |
| --- | --- |
| Suggestion | Comments |
| C:\Users\George\Desktop\2.png | I set default status as PENDING. Update function of this field, as the result of change done by technician, will be realized some later.  By the way, do you want statuses will be upper case?  Yes better in Upper case |

3. I would prefer to have a slider menu when clicking the 3 dots on the top right corner. i attach a draft of what this slider menu could look like

Slider menu is added, but functions are not realized yet. Only Logout is working.

In the slider menu we should also have:  
-link to Vortex website: http://www.vortexfield.com/en/  
-vortex mobile version  
-add an icon for “logout”  
-send me the dimensions for the vortex background image in the slider menu to send you a new one

4. "SYNC ALL" button, where ALL parameters should be synced back to the main software (check-in & out date-time/ solution/ status/ assignment id).

Sync item is added into slider menu. Synchronization is not realized yet.

**Tasks will be done**

1. Concerning the items used, they are completely different as to the product attributes. One attribute or a product may change or not. However, even if the serial no of the ram may not change, the technician may use 2 meters of cable to check something. This is an item used but this has nothing to do with the product attriburea. This info of the cable used must be sent to the main software to invoice it.

2. The app does not work on tablets. it crashes when you try to enter an assignment

I have done some improvements. Please check if it crashes at your tablet. If yes, please send me the model and Android version of the tablet model.

It does not crash anymore, however the layout is not correct. Now it is like IMAGE A and it should be like IMAGE B:

|  |  |
| --- | --- |
| IMAGE A: | IMAGE B |
| C:\Users\George\Desktop\tablet1.png | C:\Users\George\Desktop\tablet.png |

I will redesign it.

3. At the assignment list screen there must be a status filter. for example to show only the pending visits.

|  |  |
| --- | --- |
| C:\Users\George\Desktop\filter-example.jpg | All assignments start at pending status, but when the technician changes the status of a pending assignment to another, then there should be some way to see the assignments based on their status. So, there must be a filter on the assignments list page for getting only all the pending assignments, only all the completed, only all the cancelled etc. We need this because it will be much easier for the technician to filter on the assignments page and see for example only the rest pending assignments. |

Should I replace general text search with status filter? Do you need the search?

We need both the filter and the search. The search is needed in order for the user to search the assignment with ID, customer name, address etc. to search will all the assignment details.

4. Icon on the header bar on the right part for refreshing assignment details from and to the main software.

Is this the same as Sync in slider menu? Yes it is the same

5. There must be a map showing all the appointment and the routing from one appointment to another

6. the technician has to be able to:

a) add a new product from a product list

b) remove a product along with its specifications,

c) add a specification on an existing product,

d) remove a specification on an existing product,

User can set specification value to “removed” or you want completely remove the row of the specification ?

The specification value "removed" is a good idea. I already have put another column in the json. Please check

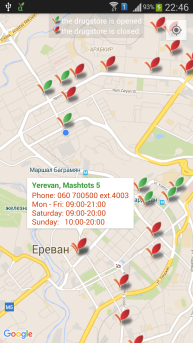
e) edit a specification on an existing product. On the last version only "e" is functional.

7. The technician should not be able to change anything on this page or on the product attributes page if not check-in first. However, he may see the product attributes but not alter them before checking in.

8. Once the technician checks-out, the application must lock all the info entered on this assignment and he will not be able to change anything or re-checkin.

9. Distance calculation in km at Assignments page

By the way, if it is not so important I will suggest to remove this field, and to provide visual allocation of clients instead of numeric kilometers like at the following image:



I think that technicians should now their cities pretty well, and after looking at the 10 clients’ allocation on the map they can easily imagine the distances between their location and the clients’ locations.

**The reason is the following:**

To calculate the distance we need 2 locations. One (location of the client) we have from webserver.

The second should be the user’s current location.

To get data related user current location any Android application requires special permission from users.

Starting from Android 6.0 besides permissions acceptance given at Google Play Store before installing an application user should manually grant permission inside application.

Here are the negative effects that will appear.

1. Too much code, which means additional phone resource usage, is needed to be written for getting just a small “3.45 km” data.
2. If user of Android 6.0 and above suddenly will reject the permission for getting his current location the data cannot be provided.

We need both methods. We want to have the distance info from current location and the visual allocation on the map but with a different color the assignment selected, since the map screen is shown when we have entered an assignment. I mean that the selected assignment map point should have a different color from the rest assignments points. We understand what you mention about Google’s permissions but we are going to install it to every technician, so we will give permissions to location settings.

Generally, I will recommend to use maps inside the app only for showing the markers (even with data as it is at the image above) of the clients on the map and traffic condition. All the rest functions like distances, routes, time to destination move to Google Maps Application, which has all functions that we need like at the following screenshots:

|  |  |
| --- | --- |
| F:\F\Android\Projects\Vortex\VortexScreenshots\Google_Maps_1.png | F:\F\Android\Projects\Vortex\VortexScreenshots\Google_Maps_2.png |

We agree on having the Google Maps App for routing, distances, time to destination and travelling purposes. However the **distance info** and **the remaining time till next assignment** we want it on the assignment details info as well as on the mockups.

The remaining time is minutes from current time till “DateEnd” time, which is already realized in the app. Do you mean another time?

No that’s the one I am talking about

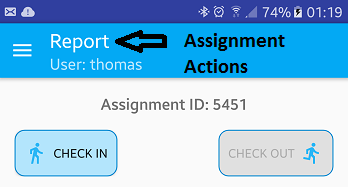
|  |  |
| --- | --- |
| Google Maps App can be access from our app by one click to the arrow in red circle as at the following screen: | F:\F\Android\Projects\Vortex\VortexScreenshots\Google_Maps_3.png |

OK, can this arrow icon be bigger?

This arrow icon is an element of map provided by Google. As I know Google do not allow changes to its elements. However, I will search any info about namely this icon. May be there are any opportunities.

NEW COMMENTS 13/6

1. When the customer signs on the application and the user saves it, the signature disappears. The signature should be visible
2. Rename the report page to “Assignment Actions”



1. When user signs in, the application flashes for a few seconds a text saying “connecting to server” and then “loading assignments”. It is possible these texts to be stable until it loads the assignments?
2. When opening the application in the settings menu we have to do the following:
   1. Rename the “base host url” to “Host Server URL”
   2. The admin must enter a serial number for the app to start in order to prevent coping the apk to other multiple unauthorized devices. I will let you know about this implementation.
   3. The application must have a Greek version as well. This functionality is not needed for current week. When opening the app there should be a setting for selecting language between Greek and English. Are we going to give you the translation page by page as images?