

A. Requirements review:

Server side:

- What is the name of the route patch to be added to the routing of the system?
- Who can have access to this route – which type of user of the system?
Will each HMO employee be able to create a quarantine group?
- A new database should be created to save the quarantine groups.
- Do we have data size restrictions? How many people can we track concurrently?
- Is there a maximum number of people that we will put in the quarantine group?
- There is no information about the integration of google maps.
- There is no information about the integration of phone's location systems.
- We should locate people's location by their phone's location.
- Need to check the legal regulation of using those systems to track people's location.
- A new field named 'exposureDate' should be created in the database for each person who was in the radius - in order to update the date of exposure to a corona patient.
- Is there a check that the 'exposureDate' shouldn't be a future date.
- Does the 'exposureDate' have a limit- what is the earliest date that can be chosen?
- Is there a check for the dates- 'RecoveryDate' should be later then 'ExposureDate'.
- What is the radius size to look for close people?
- What is the type of datumPoint? How to check if it is valid location?
- How the datumPoint is calculated- is it taken from google maps or from the location of the person's phone?
- Is there a time frame in which the information is collected?
- Do we check the current point of time?
- Are we check a certain time point from the past? and if so, until when is it relevant to create a quarantine group?
- How many requests for locations can we get?
- How many requests can we send to google maps?

- How many requests can we send to phone location system?
- Each request to create quarantine should be unique- should have unique identification.
- After creating this request, each group should be saved in the database, What data must be saved and how?
- The 'positiveDate' must be updated for each person from the quarantine group list in case they are positive for covid after being exposed to the patient.
- In case the 'positiveDate' is full (due to a previous illness) then it should be cleared or updated accordingly.
- In case the 'recoveryDate' is full (due to a previous illness) then it should be cleared or updated accordingly.
- It is necessary to update the list of exposed people, how will we do this?
- What is the expected response for valid input?
- What are the dependencies on other systems?
- Where is this button that opens the IFRAME of creating a quarantine group located?

UI:

- Add title for this form "create new quarantine group"
- What is the size of the map?
- Should the map get bigger/ smaller focus?
- Should the map have a pointer to a specific place when the frame is presented for the first time? (For example, as default to the current location)
- Add a requirement to have a text free field for address search. (what language?)
- For this text free field- should suggest a list of locations according to the input prefix.
- Can the user have the option of choosing a waypoint by typing the address and also by choosing a waypoint on the map itself?
If so, should the address get presented after choosing it on the map?
- When filling address, the map should get updated and present the location.
- It is necessary to unable choose a future date as the 'exposureDate' because we don't know the future of people's locations.

- What is the expected behavior of the “create quarantine” button In case of wrong input?
- What is the expected behavior of the “create quarantine” button In case of valid input?