Example events, tasks and adaptation decisions

What tasks do they want to perform when certain event happens?

What do they want to see in the map when certain event happens?

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| **Event** | **Task** | **Adaptations in map** |
| E1: A new victim that needs to be decontaminated is reported by the victim manager. | The decon manager needs to assign a decon station for the victim | 1. show the new victim’s location, and center the map at the victim 2. filtering the stations on the map based on whether they still have free spaces 3. ranking the stations based on the total time to process the victim |
| E2: The impacted area is enlarged and a decon station becomes inside of the impacted area. | The manager to re-assign the victims that are assigned to impacted station to other stations | 1. the boundary of the impact area and the impacted station 2. the victims assigned to the station 3. prioritize the victims based on time constraints |
| E3: A type of resource in a particular decon station is running low in stock | The manager needs to request for a resource delivery from one of the suppliers | 1. the location of the station 2. filtering suppliers based on the number needed 3. prioritize the suppliers based on delivery time |
| E4: The delay on a victim's arrival at assigned station. | The manager needs to check whether it will conflict with the victim’s deadline on decontamination. If so, he/she needs to plan for sending the victim to other station. | 1. The victim’s current location 2. The location of assigned station 3. Filtering the other stations based on whether they still have free spaces |