Features Android

* Dynamically change the rate of sampling GPS based on speed. Suppose if speed is greater than some limit, change the sampling for every 15 seconds; If the speed is negligible, slow down the GPS reading by 2 or even more minutes.
* Allow sampling of GPS location faster or lesser manually. User could increase the sampling rate (every 15 second) by pressing “UP Arrow” button
* Allow Detection of collocated devices and send notification to stop or start reporting.  
  Make sure that not only the location but also all devices are exposed to same environmental condition as a part of implementation. (This means they should be reporting same environmental numbers)  
  Allow users to continue monitoring or “auto” adjust
* Reduce the GPS sampling if the battery life is less than a threshold
* Upload only when WIFI is available or user has chosen to use data service.
* Allow editing of routes by user or admin (including delete)
* Show Map online

Maps:

* Allow users to label a route.
* Delete a route (Marking it as uninteresting)
* Mark a route as interesting
* Show attacks/ inhaler use etc. on the route
* Add colors to show exposure on the route
* Add security to not to show other’s route unless user chooses to share it

Web

* Services
* User security