Mobileuser pseudocode notes 2.12.21

Mobileuser

Clear combinedBSs

For every base station in IRPManager::networkstatuses,

Create combinedBSs

For every base station in combinedBSs:

Create combinedRecords (type UEDB)

Create userMobilities (vector pair with ID, mID)

Cycle through combinedRecords

Add users to userMobilities

While userMobilities > 0,

Get user ID, mID, and location

Calculate maxSearchDist

Remove user from userMobilities list

If(mobilityDist > 1 aka the user is walking / in a car)

Do stuff to calculate the further BaseStation to go to

Calculate random x, y using math

Update location [User Equipment Database]? (not coded yet)

Update location [User Equipment Records in UEDB]?

Update location [User Equipment]?