Invite Customer Challenge

Problem Statement

1) We have some customer records in a text file (customers.txt) -- one customer per line, JSON lines formatted. We want to invite any customer within 100km of Dublin for some food and drinks on us. Write a program that will read the full list of customers and output the names and user ids of matching customers (within 100km), sorted by User ID (ascending).
2) Don't forget, you'll need to convert degrees to radians.
3) he GPS coordinates for Dublin area is 53.339428, -6.257664. We're looking for you to produce working code, with enough room to demonstrate how to structure components in a small program. Package the searching algorithm as an abstraction layer and installable component through npm package.

Modules needed to use this app :-

1) Node.js
2) Ember CLI
3) Phantom Js

Installation :-

1) Download the zip folder
2) Go to the folder invite-customers
3) Yarn install

To Run the app :-

1) Ember serve
2) http://localhost:4200

When you run the app, you will see by default the list of customers within the range of 100km, sorted by user-id. You will be able to sort it by distance and change the scope to display all of them.

The ones out of range are marked in red and have a clear message that they are not to be invited. If the customer is in range, there is an invite button that will save the `invited` flag to `true`. The BE should now do the invite.