Words Part:

What I have done (not technically):

1. Improve the rescue model, there are two modes of rescue: a) Distance Mode --- Closest First b) Emergency Mode --- Most First

2. Lasting influence --- More actual

3. Generate available data --- Transformation

4. Read the File --- Initialization

4. Visualization --- Final analysis

What I have done (technically):

1.Rescue team struct --- For Two Modes

2.HashMap in C based on array. clear(), size(), insert()… --- Avoid Repeating

3.Dijkstra and adjacency matrix --- Find the Closet City

4.Use magnitude and longitude to get distance --- More Useful.

5.Read, reserve and generate --- Save Data and Get Matrix.

What we are doing now:

Try to analyze the effects of two modes on single city and compare the efficiency of two modes.

Expected results: Different cities will have different number of infected people after a period. And Emergency Mode will be more effective.

Actual results: It seems that Distance Mode also works really well.

Images Part: