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**From:** Caroline

**To:** Alex

**CC:** Joanie, Helen

**Subject:** Analytics first pass requirements

Alex, after talking with Joanie, here's what we're expecting as a first pass on the analytics proof of concept.

- Read in data from a text file. Joanie will provide the sample. The text file will just be a list of symptoms. One symptom per line.
- Count all the occurrences of any symptom listed in the file
- Generate a new text file called results.out which lists each symptom, alphabetically, followed by the number of occurrences in the file.
  - For example:
    - headache=3
    - high blood pressure=10
    - rash=4

Helen, when you get back, we can take a look at extending this to the Map-Reduce approach, but this should give us a solid start.

Alex, when can you get started on this?

Thanks everyone,

Caroline

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**From:** Alex

**To:** Caroline

**Subject:** Analytics first pass

I should be able to start this afternoon. I've gotten the file from Joanie, so I'm good there. I've got Eclipse up and running. I'll create a project in Git.

-A

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**From:** Alex

**To:** Caroline

**Subject:** Re: Analytics first pass

I seem to be having some troubles getting this to work right. I know it's reading in all the symptoms.

I'm supposed to see 3 headaches, but I'm reporting 0. Same thing with rashes, it's always saying 0. I tried putting in some logging statements, and I see the counts going up, but it's not printing right.

Also, I don't have the list alphabetized yet.

Sorry I didn't get this finished, but I have to go back to my lab assignment.

-A

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