**Criterion A: Initial Investigation**

**Summary of problem**

Dr. Asma is a radiologist and mother of four. Despite radiology and ultrasound being her forte, people would approach her and talk about the symptoms they’re facing and ask her for dietary advice. As she is not a nutritionist, she does not have the necessary knowledge to answer them on the spot. And being a doctor, she feels obliged to answer a patient. Hence, she resorts to searching for the answer to their queries online or through books.

**Explanation of inadequacies of current solution**

* The current system is time consuming. She must find sources that have the information she requires, verify to see whether the source is reliable, and then sift through the information to find what she needs. Only after that can she respond to the patient. Usually, people would ask for such consultations during general conversation during which they would not have the time to wait for her this long
* It's also inefficient. Almost every source gives different information. Due to time constraints, she could accidentally give information from a more unreliable source.
* This system requires an internet connection, which the client might not always have access to. If the information is collected from books, even so the books with the necessary information are not present everywhere. Neither is she able to carry her books with her wherever she goes. However, she not only has a habit of carrying her laptop, but it is usually on hibernate as well.

**Words: 236**