Assignment #1

Functional Requirements

1) Reads if blood sugar is low

2) Reads if blood sugar is too high

3) Deliver insulin when required

4) Calculate insulin based on rate of change

5) Send micro pump signals to deliver insulin

6) Safety system to determine low blood sugar emergency

7) Preform reliably and deliver correct amount of insulin each time

8) Be available to deliver insulin 24/7 as needed

9) Types of insulin

10) ?

Non-Functional Requirements

1) Java

2) Ease of use

3) 2 weeks due date