**Acceptance Criteria and Tasks User Stories:**

**Front:**

As a user I can view my blood sugar levels to determine if they are too high or low

**Back:**

\* Reads if blood sugar level is too high

\* Reads if blood sugar level is too low

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**Front:**

As a user I can have my insulin automatically delivered when necessary

**Back:**

\* Delivers insulin when required

\* Calculate insulin based on rate of change

\* Send micro pump signals to deliver insulin

\* Preform reliably and deliver correct amount of insulin each time

\* Alerts user when insulin levels inside of pump reach a low level

\* Ability to be refilled?

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**Front:**

As a user I want an individualized insulin dispenser

**Back:**

\* Types of insulin to cater to specific patients

\* Ability to distinguish between patients

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**Front:**

As a user I can easily show my doctor how the insulin pump is working

**Back:**

\* Be able to output data that can be shown to a medical official

\* Safety system to determine low blood sugar emergency

\* Ability to alert medical officials if blood sugar emergency occurs

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**Front:**

As a user I want to feel safe using the Insulin Pump

**Back:**

\* Be able to ensure reliability from the pump

\* Ability to give feedback from each insulin dose

\* Be able to alert user if blood sugar levels are too high or low

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**Front:**

As a user I want to know, quickly, how to operate/read the insulin pump

**Back:**

\* Be able to provide a user-friendly interface

\* Ability to give enough information to make the user feel confident in reading

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**Front:**

As a user I want my insulin dispensed quickly

**Back:**

\* Send micro-pump signals to deliver insulin

\* Ability to have a “shortcut” to dispense insulin easily

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**Front:**

As a user I want my insulin delivered at XX:XX PM every day

**Back:**

\* Ability to program a certain hour to deliver insulin daily.

\* Ability to activate/deactivate this feature when needed.

\* Ability to change the time of delivery

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**Front:**

As a user I to make sure that my specific amount of insulin is dispensed daily

**Back:**

\* Ability to alter the amounts of insulin dispensed.

\* Ability to check the dosage of insulin before dispensing

\* Ability to verify dosage with user in order to prevent errors

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**Front:**

As a user I want the ability to share my person, diabetic, information with family

**Back:**

\* Ability to have the user assigned to a specific pump

\* Ability to have members of immediate family sign in and view the user’s diabetic info.

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**Front:**

As a user I want the ability to view my blood sugar level statistics for X amount of time

**Back:**

\* Log blood sugar levels each time it is read

\* Ability to review those logs at a later time.

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**Front:**

As a user I want my insulin pump to “suggest” what the correct dosage is based on blood sugar levels

**Back:**

\* Ability to take into consideration physician requirement for patient

\* Ability to read blood sugar levels and determine if there should be a change in dosage at that moment, in order to correct high/low levels in blood sugar.