Group 8

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Software Specifications

Injector

Table of Contents

[System Architecture 2](#_Toc10413072)

[Software Specifications 2](#_Toc10413073)

[S1: ServerUI implementation 2](#_Toc10413074)

[S2: ChefUI Implementation 4](#_Toc10413075)

## System Architecture

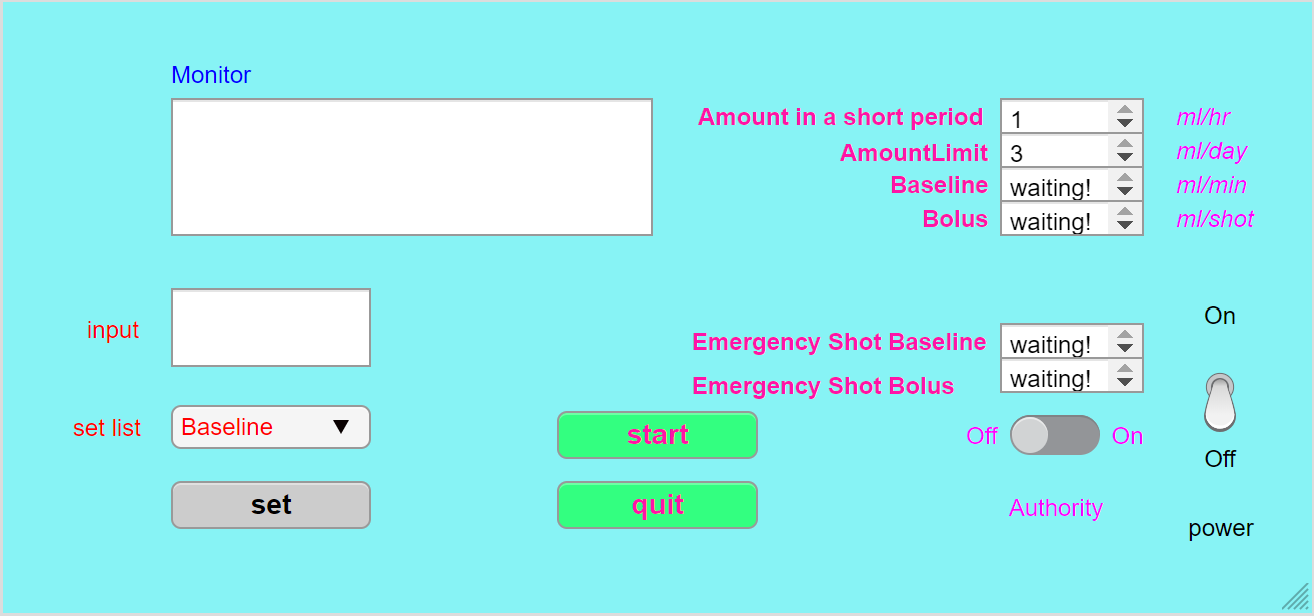
The system architecture is shown below:

电脑屏幕截图

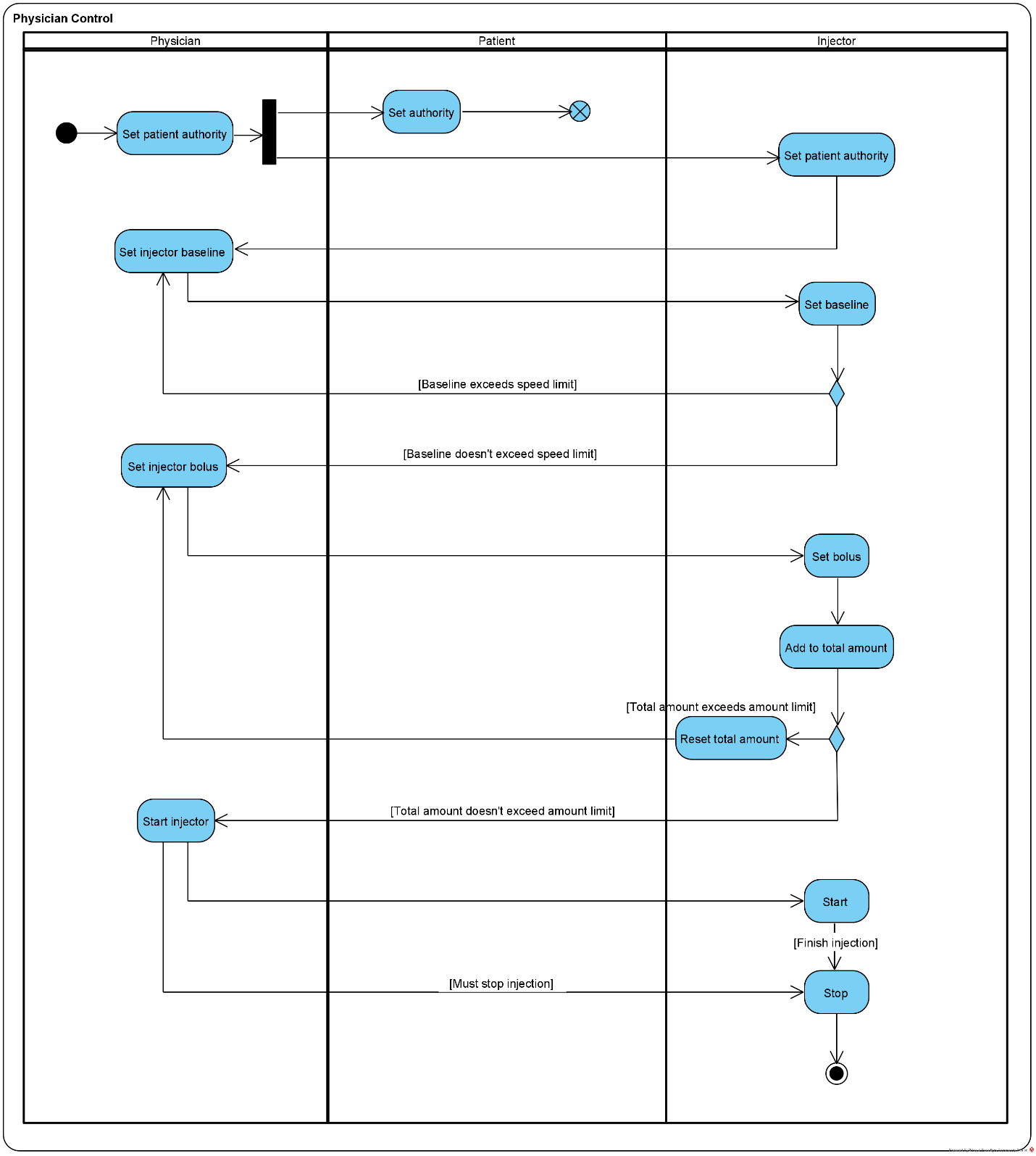
描述已自动生成

## Software Specifications

### S1: InjectorUI implementation



#### S1.1: Physician Control



* S1.1.1: Set patient authority

1. Authority button switched
2. Change authority value in DB

* S1.1.2: Set baseline

1. set button clicked
2. For value input
   1. If value is illegal, display warning
   2. If value is legal, display success

* S1.1.3: Set bolus

1. set button clicked
2. For value input
   1. If value is illegal, display warning
   2. If value is legal, display success

* S1.1.4: start

1. start button clicked
2. if not finish, continue

### S2: Emergency Shot UI implementation

#### 手机屏幕的截图 描述已自动生成2.1: Patient Control

* S1.2.1: check authority

1. Emergency shot button switched
2. Check the authority value in DB if true then continue else return and display error

* S1.2.2: check amount limit

1. Emergency shot button switched
2. Check if the amount value exceed the Day or Hour limit, if so, pause, else continue.