

Visualizing Patient Data

Group 15 - Justin Wu, Will Hoch and Lucas Jang

Introduction

- Medtruly
 - Virtual secondary care
- LifeStyle Coaches
 - Monitor vitals and call patients to check in
 - Number of patients increasing quickly
- Goal: centralize patient vitals in a readable yet informative way

The Medtruly logo is displayed within a light purple rectangular box. The logo itself consists of the word "medtruly" in a dark blue, lowercase, sans-serif font. The "med" part is in a lighter blue shade, while "truly" is in a darker blue. The box has a subtle gradient from light purple at the top to a slightly darker shade at the bottom.

medtruly

Starting Screen

Select Patient



Low Risk

High Risk



- Weight
- Blood Pressure Systolic
- Blood Pressure Diastolic
- Pulse

Clicking a Patient

Select Patient

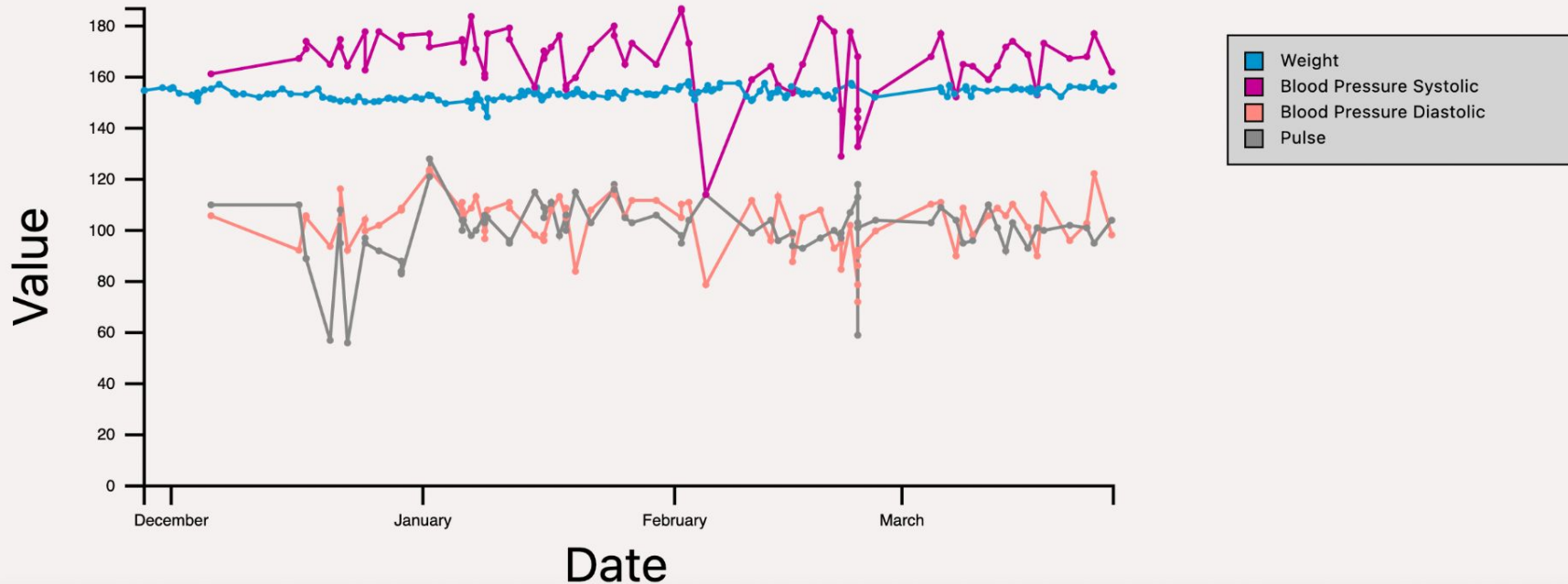


Low Risk

High Risk



Patient 1 Vitals



Filter Specific Vitals

Select Patient

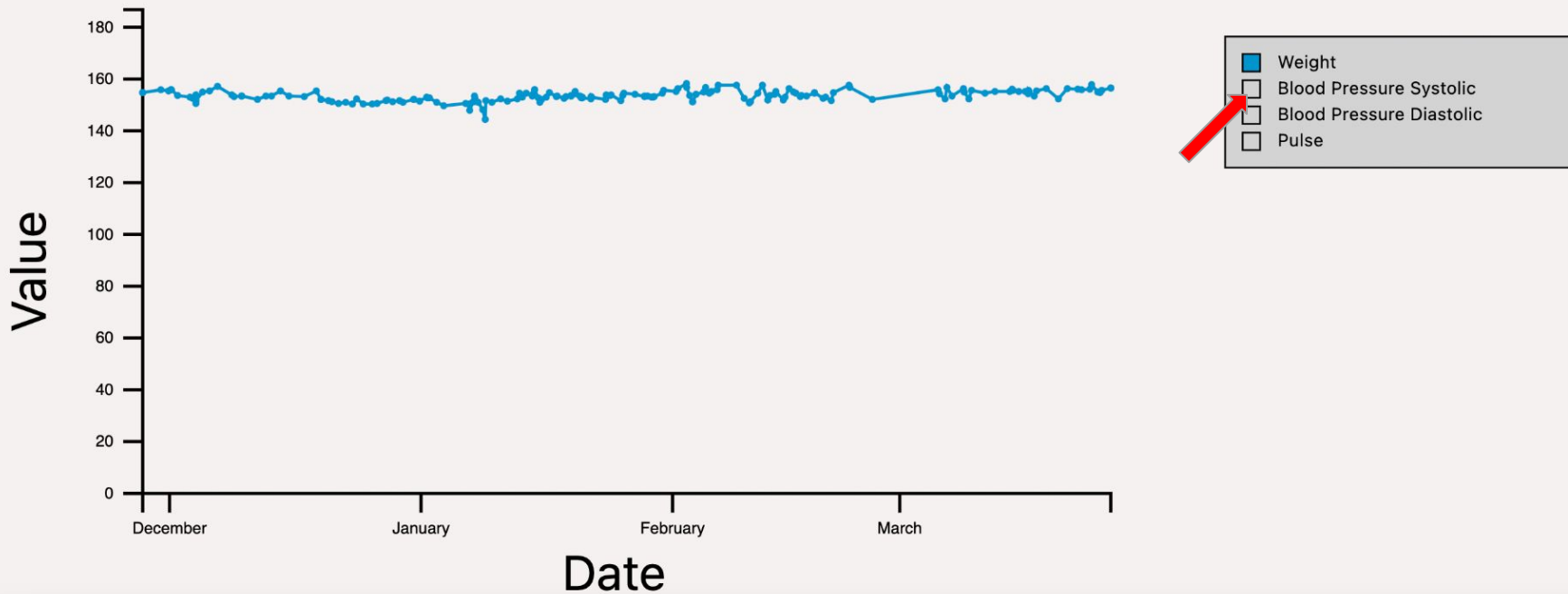


Low Risk

High Risk



Patient 1 Vitals



Filter Specific Vitals Part 2

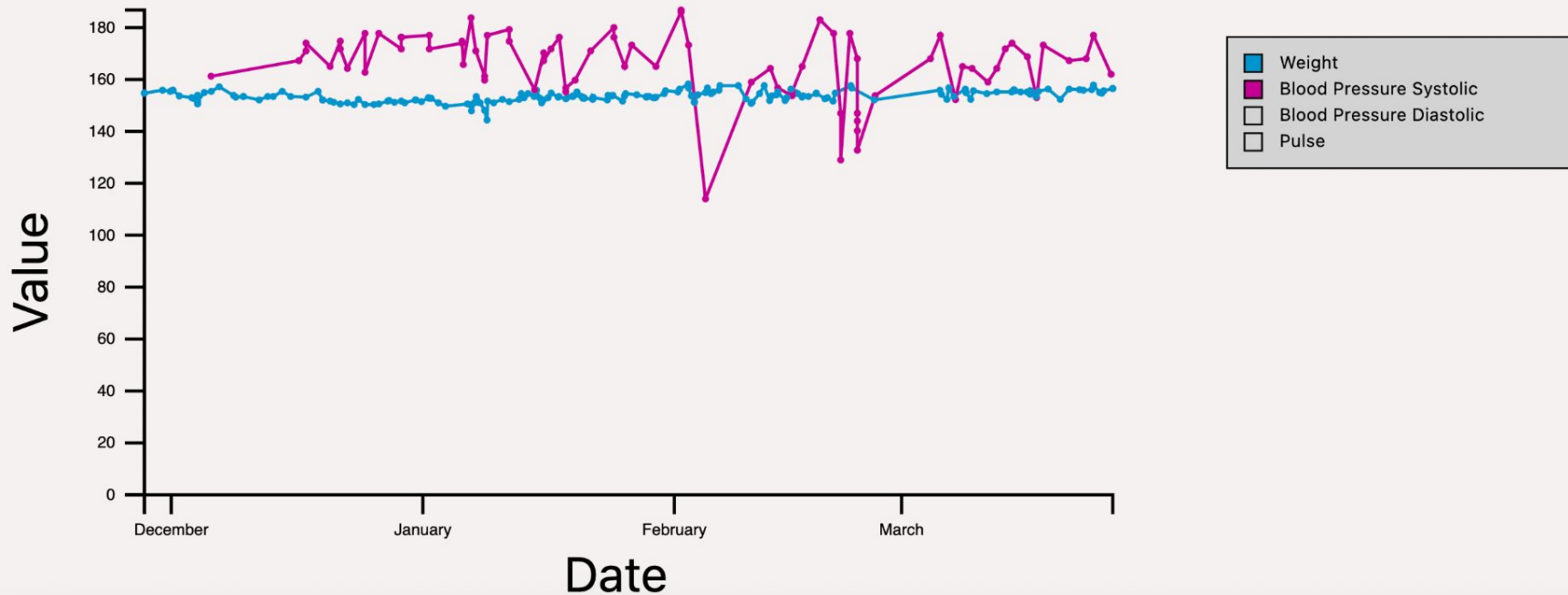
Select Patient



Low Risk High Risk



Patient 1 Vitals



Filter Specific Vitals Part 3

Select Patient

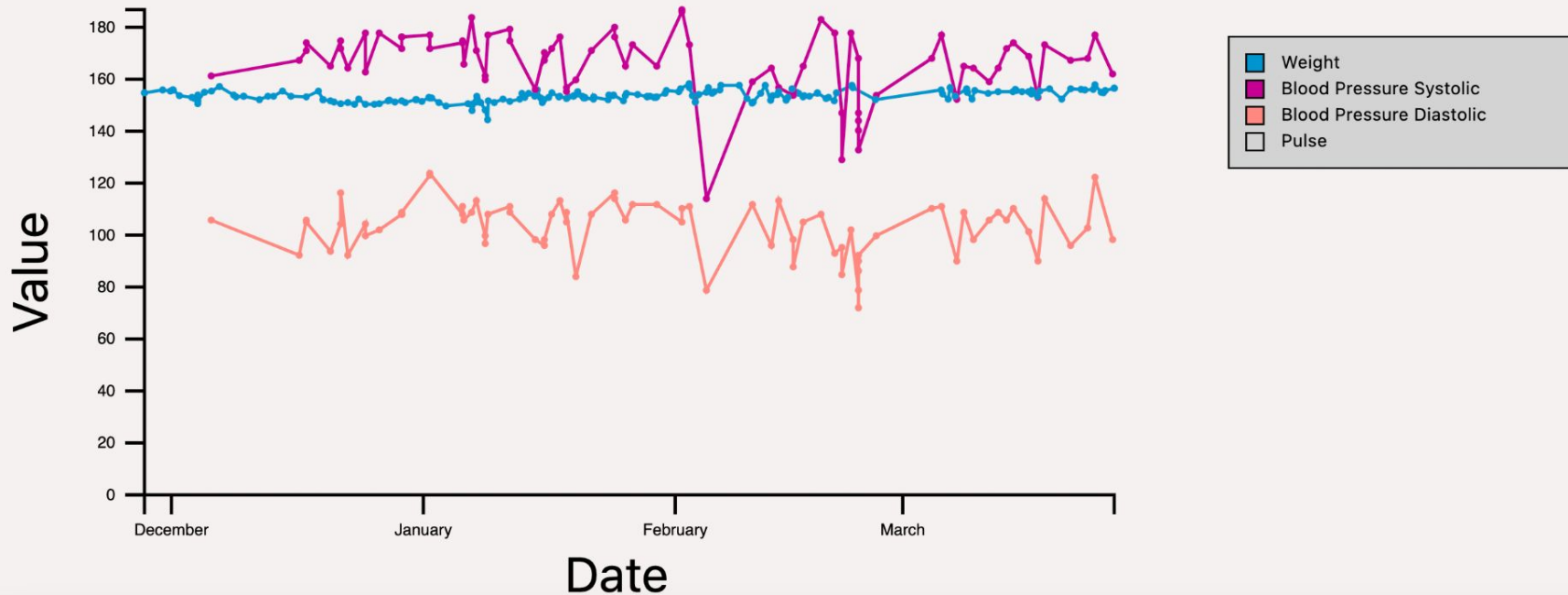


Low Risk

High Risk



Patient 1 Vitals



Tooltips!

Select Patient

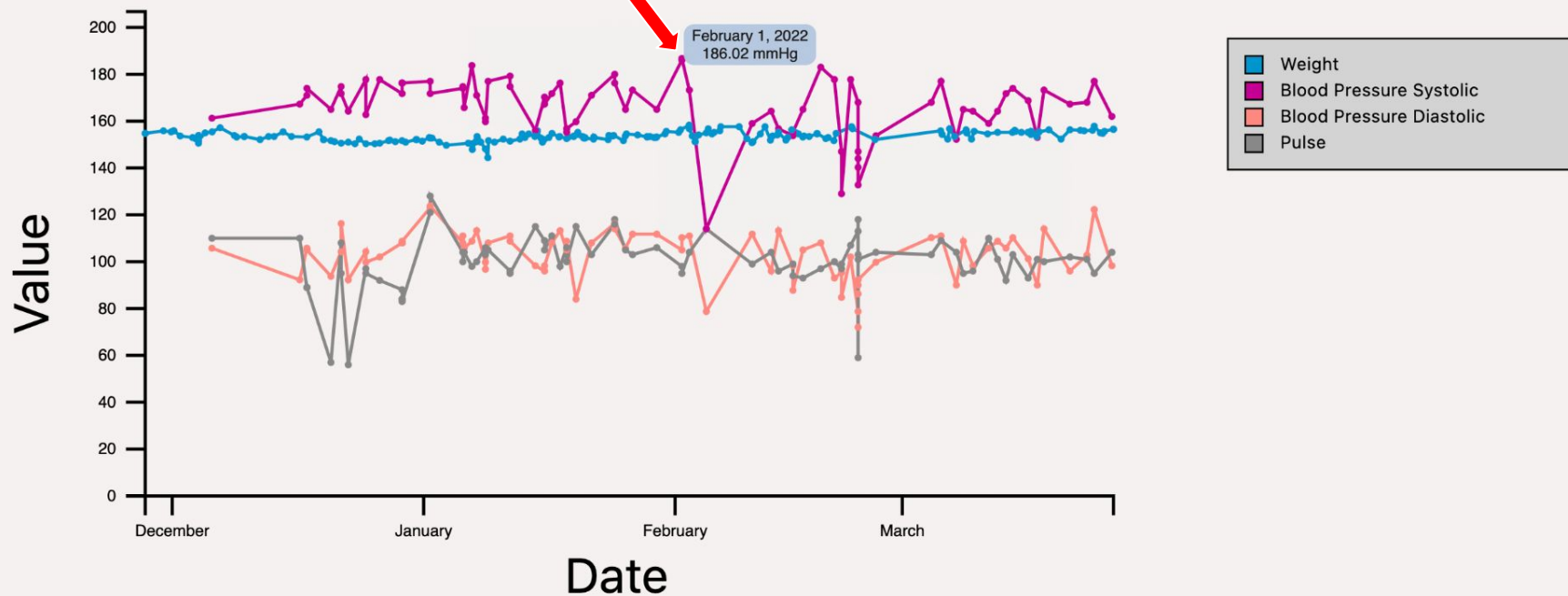


Low Risk

High Risk



Patient 1 Vitals



Potential Improvements to Implement

- More Interactive Features
 - Brushing to see percent change
 - Average vital for the specific timeframe
- Add another embedded visualization
 - Display non quantifiable data (medical conditions, notes)
- Additional marking indicating if there has been a recent extreme reading
 - Using an asterisk near their name
- General more appealing colors/fonts

So What's the Point?

- Centralize data to make sure MedTruly can accomplish their mission
 - Keeping elderly safe and healthy
- Reduce the stress and improve efficiency for Lifestyle Coaches
- Hopefully be able to adapt it to MedTruly's current system and database

Questions/Suggestions?