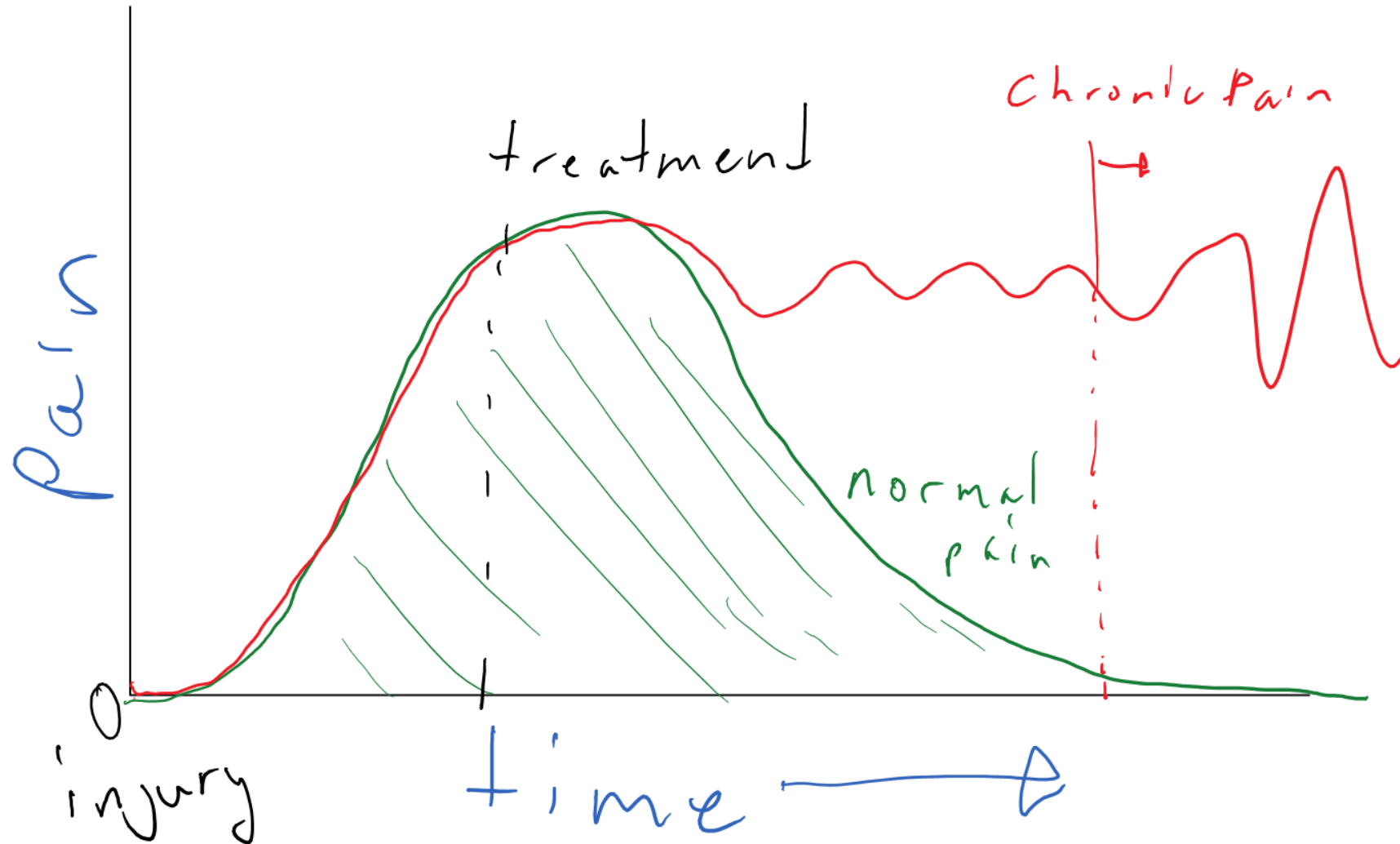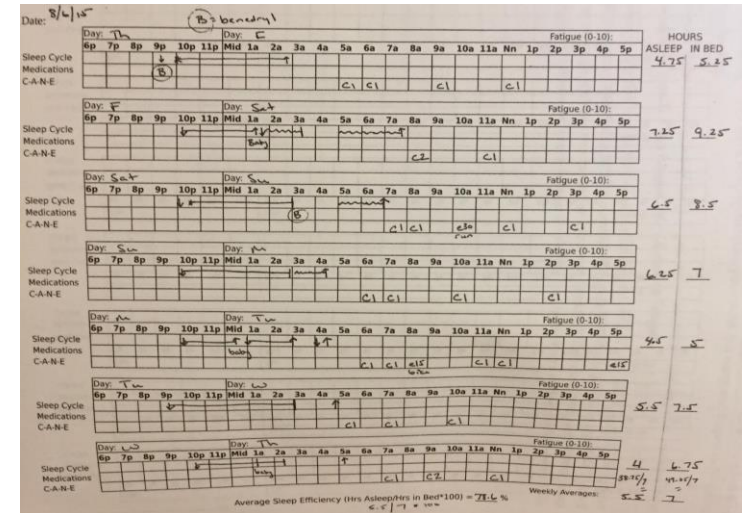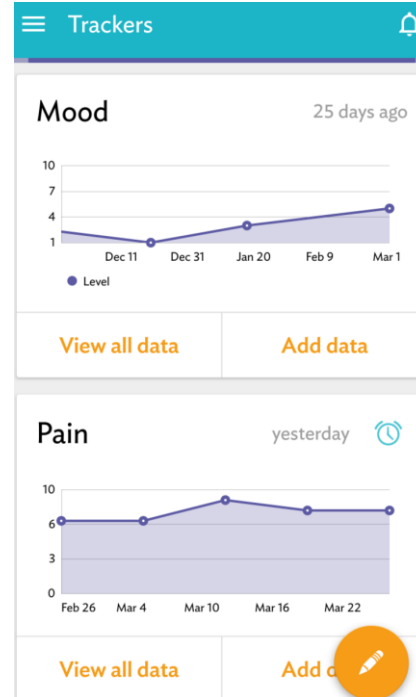# WellSoon

Precise and Personalized Chronic Pain Tracking and Management

Acute vs. Chronic Pain

Chronic Pain Tracking and Analysis

- 1 in 10 americans suffer pain daily 3+ months (NIH)
  - Cancer, MS, Trauma, AIDS

- Current tracking methods:
  - Memory
  - Paper/pen
  - App
  - (source: patient interviews)

- Analysis
  - Flipping through paper
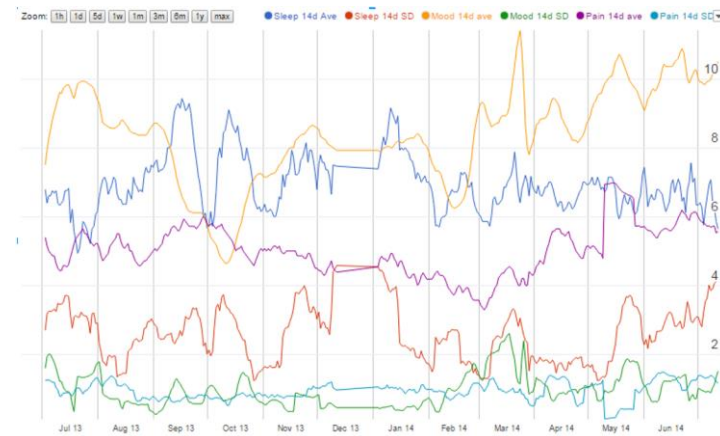 - Treat based on few data points

WellSoon - idea

Raw Input
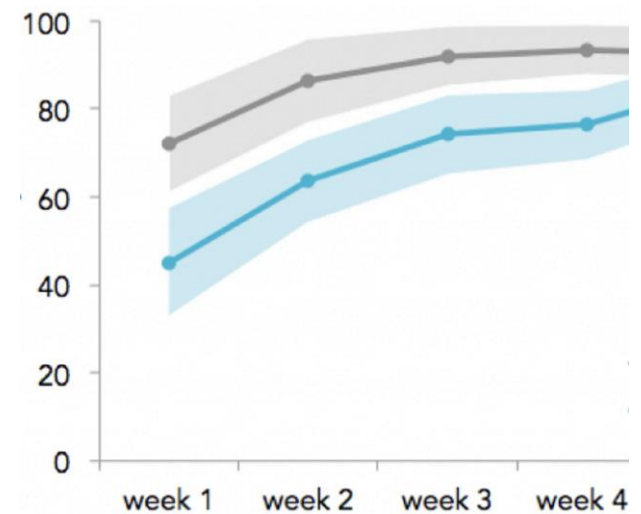
- Numbers: Pain, etc
- Text: Diary, etc.

Analysis

Final output for patient/Doc

Type	Goal	Rolling 30d Ave	rolling 30 - 90 d ave	Mean (All Date
Sleep	10	6.08	6.54	6.88
Mood	10	10.40	9.62	8.40
Pain	0	4.81	4.80	4.86

Diffuse. Turn/pain -> shart through hip. Wtf. 7
burning spots
Pt bike pain 8
Doc appt sitting for hours

WellSoon

- Low friction data collection
  - Easy, timely, discrete user input
  - Subjective data from user

- Minimal input
  - Keep only to subjective metrics
  - Wearables and other APIs, eg. location, weather
  - Main metrics are pain, activity, medicine, diary,

- Visualize longer trends meaningfully
  - Weeks and months
  - Relational

- ML for personalizing alerts for triggers and limits (ML context)
  - Eg. Dynamic time warping, sentiment score
  - Eg: X steps so far, Y time left, Z time/activity until unbearable pain

Current Apps

My Pain Diary
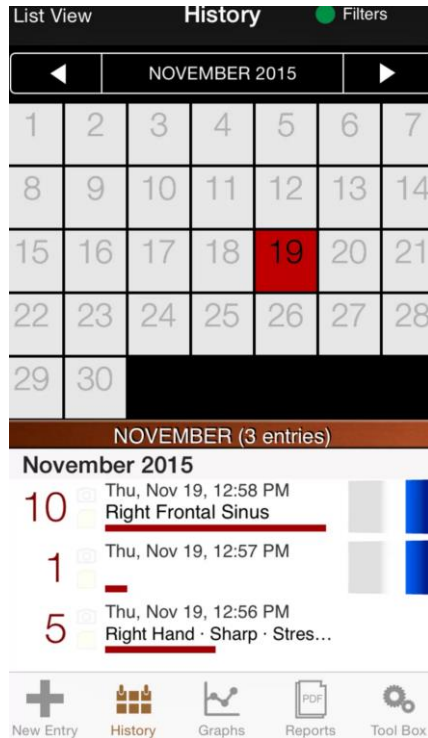
Chronic Pain Tracker
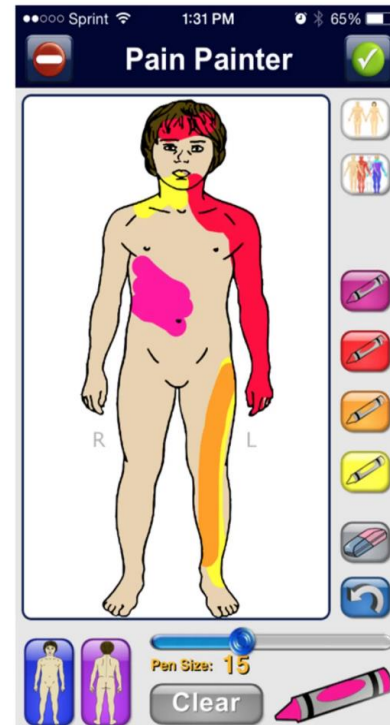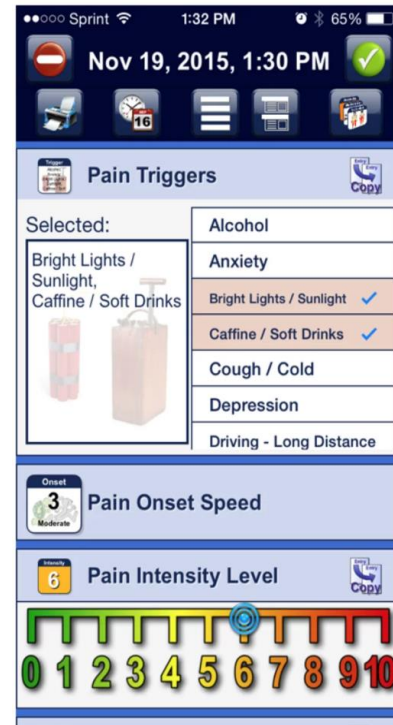
Others:

- CatchMyPain
- Manage My Pain
- FibroMapp
- PMC 320
- iBeatPain
- Symple
- Symbod

Business

- B2C Subscription

- Customer Segments
  - +2 Conditions
  - Neuropathy

- Marketing
  - Clinics & doctor offices
  - Online ads
  - Places where chronic pain patients frequent (virtual and in real life)