Goals

Our goals are divided into two major sub goals based on the type of user.

1. Patient: We aim to provide the patient with the sense of control over their disease. By presenting information about parts of their disease, in a simple interface, patients can gain a positive outlook. The patient will have data they can show to their doctor, and can track whether their treatment is going well.

2. Doctor: We aim to provide the doctor with the ability to monitor and analyze the symptoms experienced by the patients. The doctor can look for recurring patterns and determine how to proceed with future medical care. By presenting validated data, the doctor can adjust treatments as needed.

Initial prototype

Fig 1: Early daily view

Market Research Results

We conducted a market research session, in order to get the patient's feedback on our prototype.

1. When introduced to the concept of Gantt charts, we received positive feedback. The patient found it easy to understand and intuitive.
2. The patient found the notification feature for the day(good/bad) based on off time(symptom duration) useful.
3. The patient found the card based layout to be simple, intuitive and touch screen friendly.
4. We received positive feedback for the color scheme, red cards indicating high symptom duration and green cards indicating low.
5. The patient was more interested in a simple design displaying symptom duration for a selected day in text
6. We received a positive feedback for the Calendar Heatmap idea

Final product

Here are a few screenshots of our final product which incorporate the suggestions from the market research results.
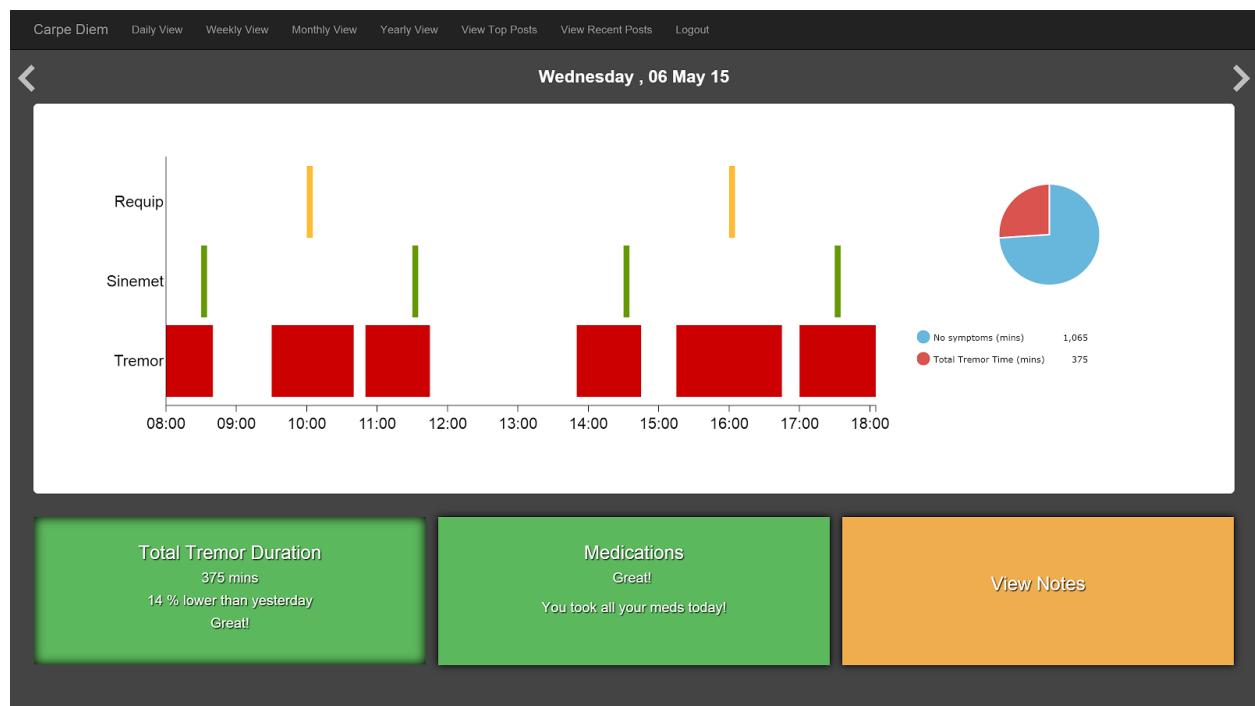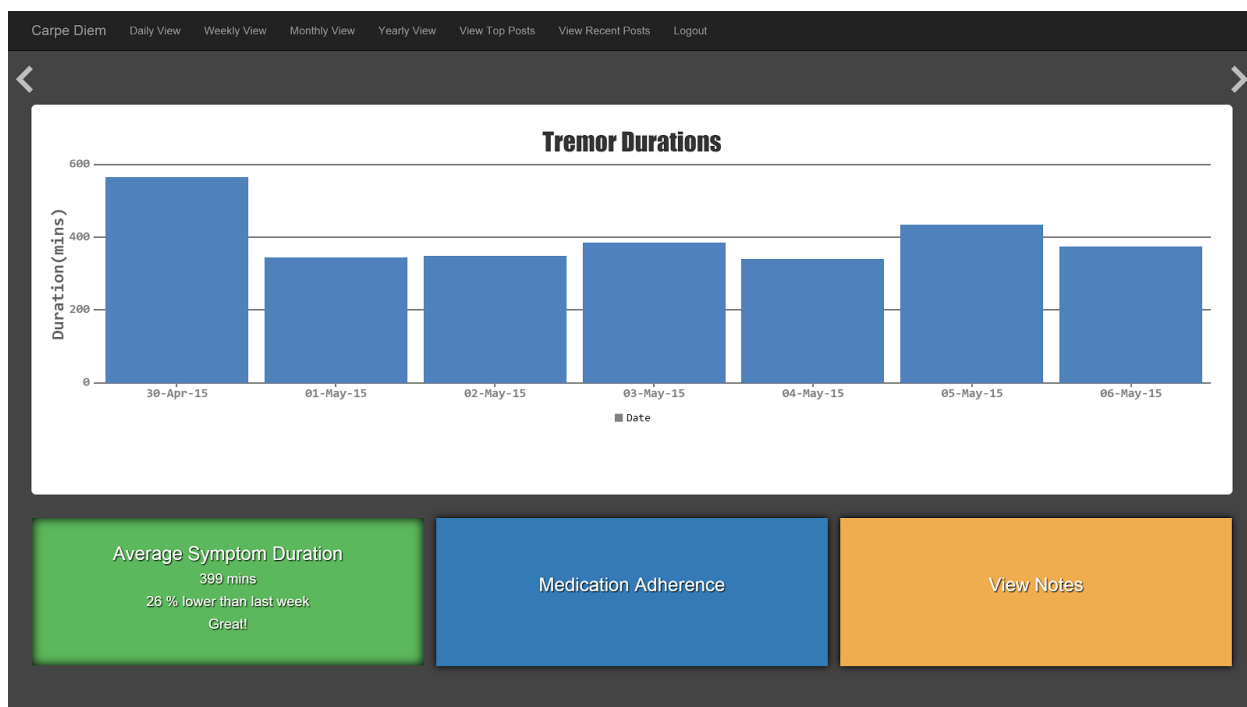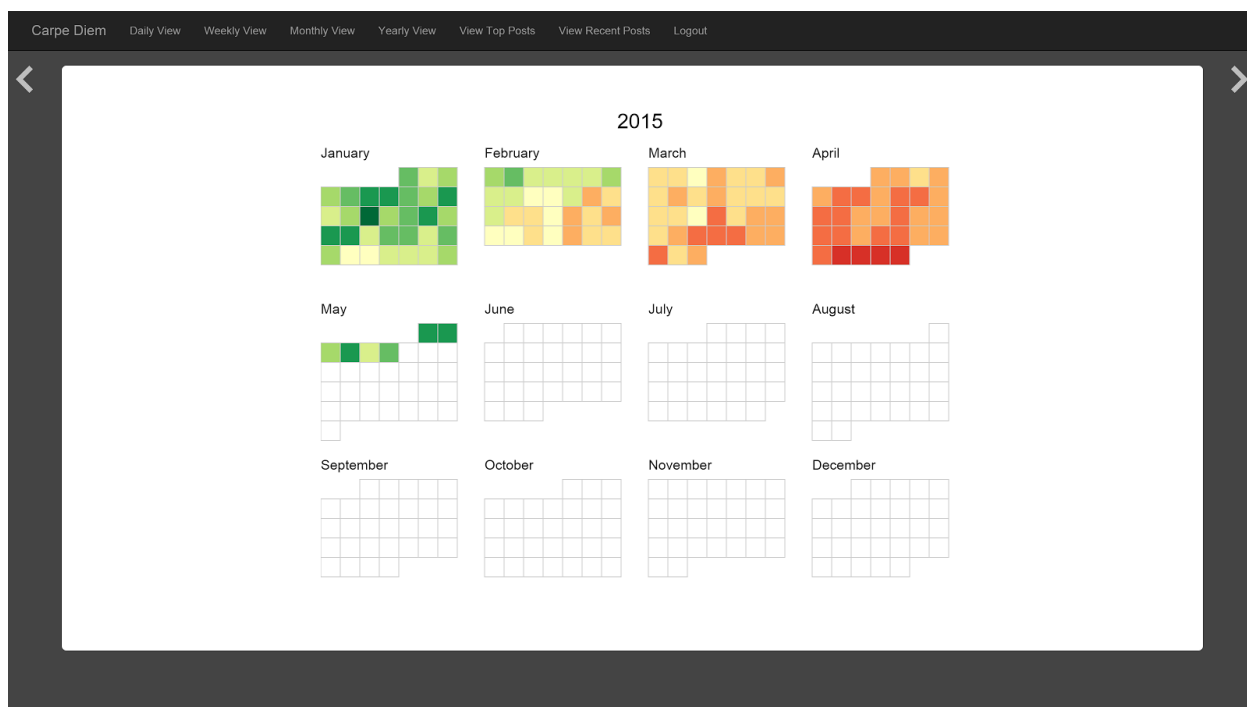

Fig 2: Daily view

Fig 3: Weekly view

Fig 4: Yearly view

Future scope

1. We plan to enable interaction between doctor and patient through notes
2. We plan to incorporate smart suggestions based on symptom duration trends. For example, 'Your symptom duration has increased significantly, you should schedule an appointment with the neurologist soon.'
3. We also aim to reward patients based on medication adherence to encourage them to stick to their medication schedules