

# Doctor-Patient

*Choose Phase*

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## Team Members

Katie Brey (kebrey),  
Vinay Gupta (vgupta8),  
Mei Lau (mylau),  
Raghavendra Muddur (rmuddur),  
Pranav Firake (ppfirake),  
Akanksha Shukla (apshukla)

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## Important Links

1. Generate doc link to google document
2. UX google docs folder [Generate](#)

## CHOOSE SOLUTION



## Displays & Votes

- For displays, everyone taped/sketched their ideas to board.
- We team mates and client had meeting and we voted for favorite solutions.

### 1) Katie

Katie's three solutions for the problem of remembering and understanding the appointment:

1. Interactive timeline of all appointments, each appointment displays summary info about date, purpose, doctor notes, changes
2. After appointment checklist with rewarding message when everything is completed
3. After appointment survey asking about understanding, questions, problems, concerns

### 2) Vinay

Vinay presented the following solutions which aimed at improving the doctor-patient communication:

1. Should have a brief one page summary as page1. And the details should follow with the out of range reading being highlighted.
2. Send email alerts to patient and family about the next meeting, dietary and other restrictions before coming to the clinic.
3. Mobile app to keep all the relevant information handy.
4. The communications from the hospital/doctor should show warmth to the patients and family and should convey that they care.

### 3) Mei

Mei presented solutions including patient note taking during meetings to ensure comprehension, self scheduling calendar, patient, survey, link for reliable information about disorders, Q&A forum, medication description and listing, and pop up alerts and calendar listing of medication uptake and dosage.

## 4) Akanksha

Akanksha provided the following solutions for improving doctor-patient communication

1. Anonymous support to the patient especially, young college students
2. Providing monthly report created by application that is used by patient.
3. Use of graphics in the lab reports that is given to patient.
4. Provided format of lab report which provides relevant information and is easy to understand by patients.
5. Easy to use interface for taking appointment based on doctor's availability.

## 5) Pranav

Pranav presented the solutions of the application or portal for doctor-patient communications. This included mainly:

- Calorie Tracking:
- Customized alerts
- Trusted portal as repository for various health problems and their remedies.

## 6) Raghavendra

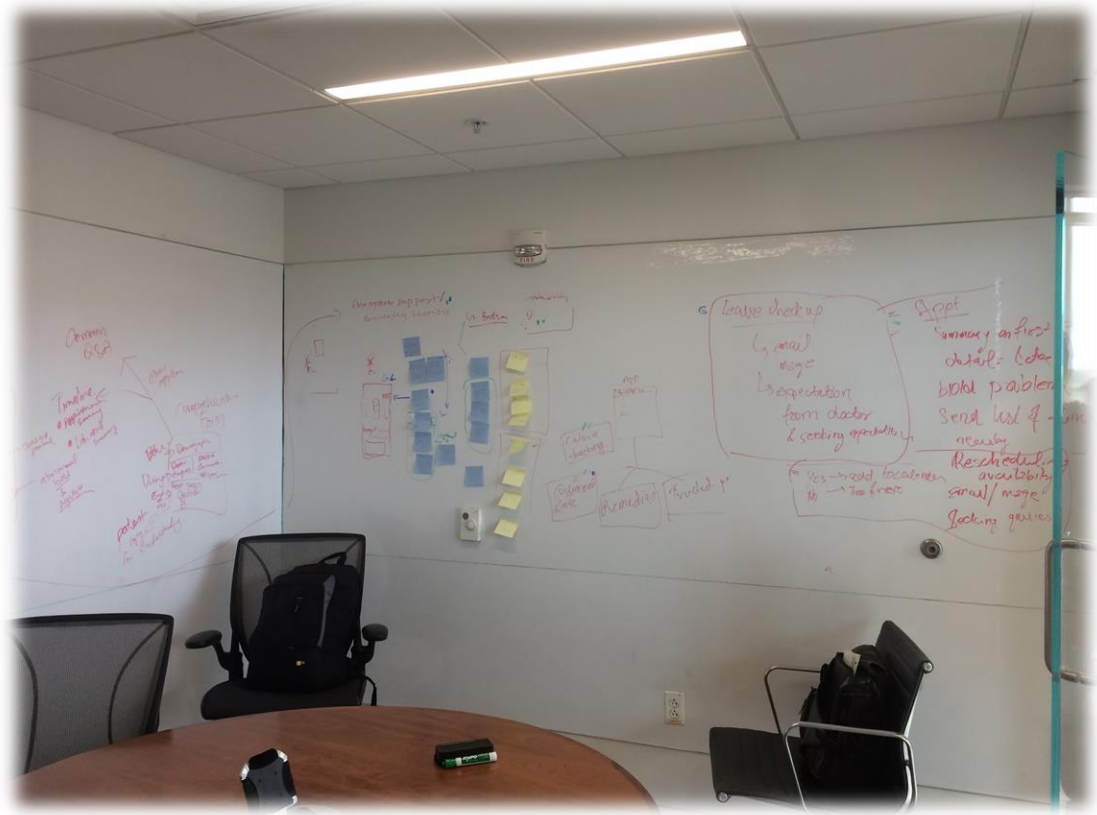
Raghavendra provided the following solution for improving doctor-patient communication

- A secure portal with trusted information about various lab result parameters, symptoms and expert notes.
- Users can search by keyword to learn more information about symptoms, medication etc
- The ability of doctors to include links to experts notes in appointment summary.

## Initial Votes

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Displays and votes: captures of your solution display and initial votes



## Critique: summary of team critique

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- Some ideas were good but did not address the problem at hand: out of range lab and appointment summary
- Liked idea of “warmth” in doctor communication
- Try to move away from one-page document paradigm

## Winning Ideas

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- 1) Critique: summary of team critique
- 2) Some ideas were good but did not address the problem at hand:  
out of range lab and appointment summary
- 3) Liked idea of "warmth" in doctor communication
- 4) Try to move away from one-page document paradigm



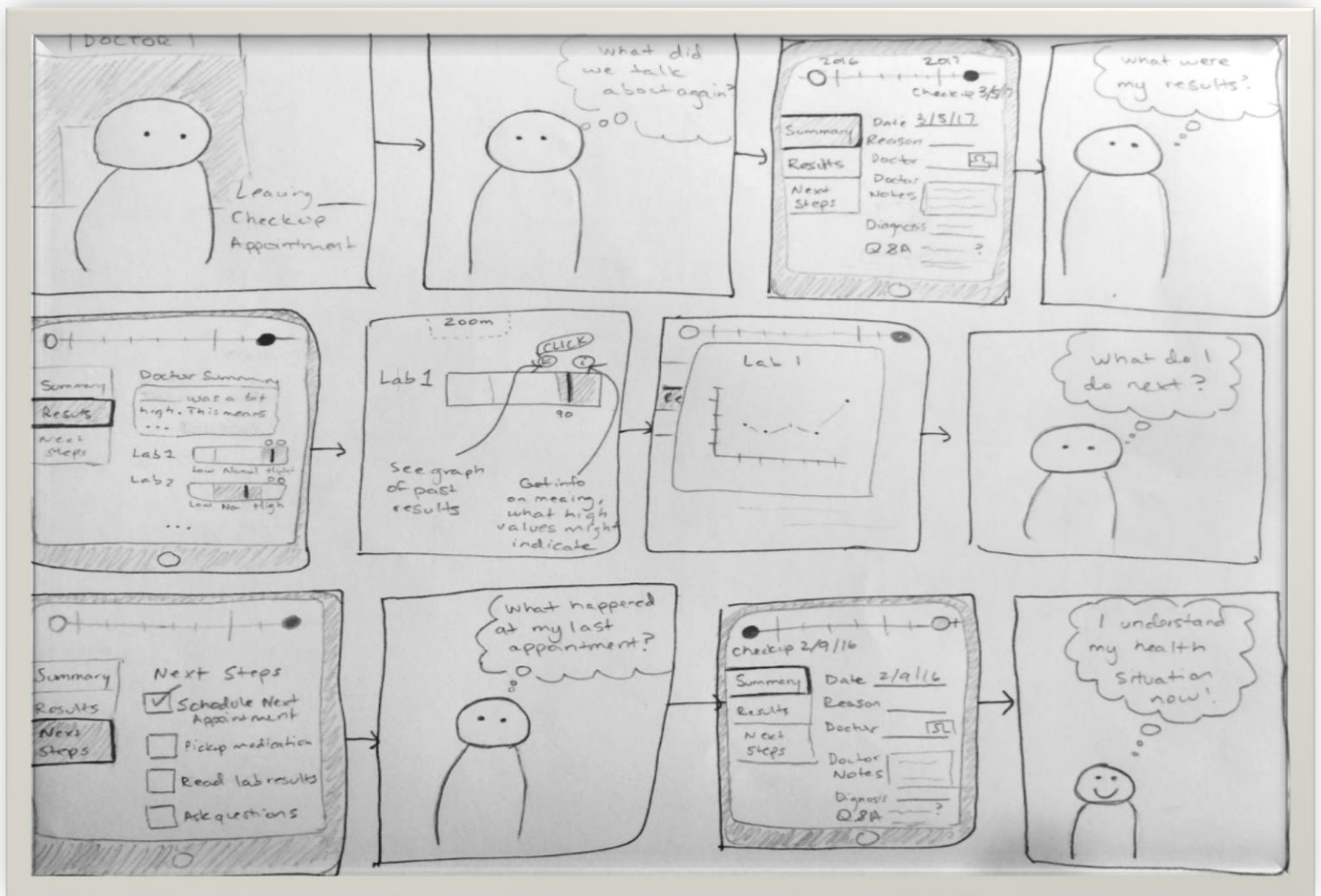


## Merge or not: whether you will merge parallelize work on winners

We decided not to merge, and to instead all work on the same solution, presented in the storyboard below.

This is final storyboard to continue for prototyping.





## References

1. Sprint guidelines from UX class by Dr. Watson
2. Minutes of Meeting from intergroup brainstorming meetings and demos

Thanks ☺