OnlineDoc

Doctor anywhere everywhere

Jimit Raval
1 Month
Figma, Miro

Challenge or Problem Overview

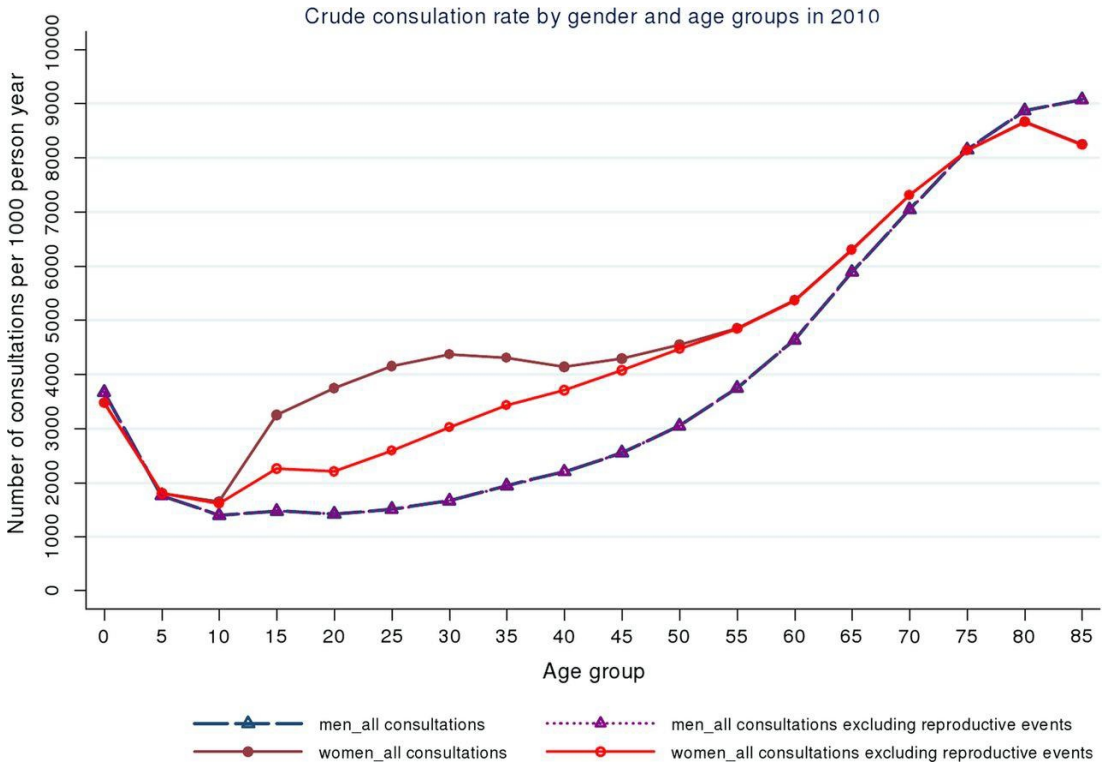
The user faced difficulties going to the hospitals every time for check ups. It was very much time consuming due to crowded hospitals and facing traffic on the roads, annoying and the hospitals were situated too far if the patients reside outside the cities. I want to make an app which is used as a face calling app with doctors and patients.

I am mostly concerned with patients that have inabilities to move from their home to the hospitals, that is if they are disabled. And the patients that live far from hospitals and just to follow up after the checkup or brief consultation. So this is what led to the opportunity to develop an app which can connect doctors and patients.

Discovery Research & Analysis

We need to understand how hospitals works what are the schedules of the doctors. Then I had to inquire how a consultations are conducted, and in what consultations need physical presence of patients. I have to talk to numerous persons (doctors, patients, nurses).

I had to inquire as I had to develop an interface for the doctors and patients as well. I also found out that the doctors also charge the patients on per day basis.



Design: Concepts & Sketching

Anything that helped me explore ideas, possibilities and possible solutions will be included here.

Since I have found out that many patients couldn’t get to the healthy facility due to one reason or the other, I had in mind to design a digital system that would help patients to have their consultations online. That is an interface that would help doctors and patients and to have their consultation sessions smoothly.

From the chart above we saw that the number of consultations increase with time. So far a start we designed a mobile app interface with login credentials so that they can login, just a measure to keep user data safe.

Develop:Prototyping

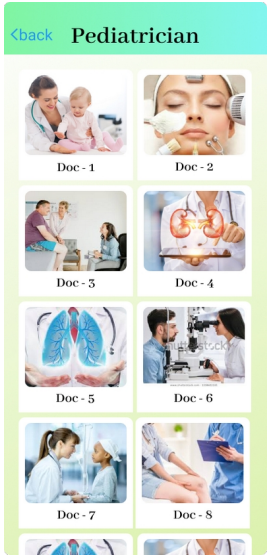
For this part I tried to develop an app prototype using figma, which can be viewed with the link below:

Design:

https://www.figma.com/file/JluCLTb2nMqp07yULrejbk/Online-DOC?node-id=0%3A1

Prototype:

https://www.figma.com/proto/JluCLTb2nMqp07yULrejbk/Online-DOC?node-id=1%3A2&viewport=-127%2C514%2C0.5013631582260132&scaling=scale-down



Test: Validation, Usability & Feedback

How I conclude surveys with patients & doctors, data from this research was organized and stored for further analysis.

Below is a summary of the key major points we noted during our data analysis:

- 88% of patients process smart devices like computers, laptops, tablets or mobiles (devices that can have minimum required components to use our system)
- 75% of the participants will opt for an online service for consultation if normal consultation isn’t available.
- 12% were not comfortable with the online consultation service hence they did not opt for that.
- 63% of the participants are willing to migrate from physical consultation to digital consultation if physical presence is not needed.

Note :

It is important to take into account that half of our participants were people from the health personnel and the other half were patients with no distinction of their illness.

Design: Iteration

From the feedback I have received during the survey, some participants made the following suggestions in order to improve on the quality of our product and solution. The suggestions provided are listed below:

- Add logout feature.
- Add Sign Up feature.
- Require scrolling of Doctor’s cards.
- Require bottom navigation bar
- Add cancel button besides the booking appointments.
- Add some glossy affects or shadow effects on cards and buttons to distinguish the object and background.

Note :

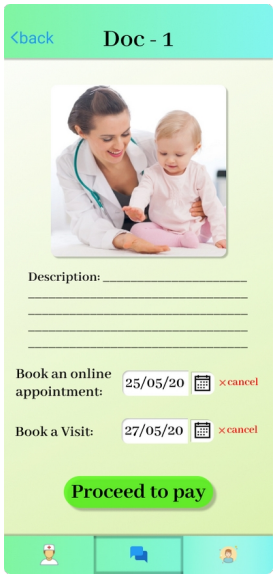
It is important to take into account that half of our participants were people from the health personnel and the other half were patients with no distinction of their illness.

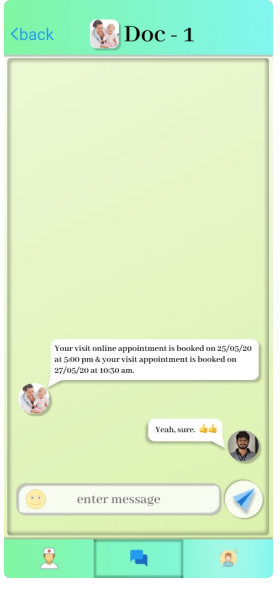
Solution & Impact Overview

Keeping in mind all the suggestions given to me, I iterated the design and prototype and changed as per the suggestions. The iterated prototype can be view using the link below:

Design link:
https://www.figma.com/file/JluCLTb2nMqp07yULrejbk/Online-DOC?node-id=29%3A0

Prototype link:
https://www.figma.com/proto/JluCLTb2nMqp07yULrejbk/Online-DOC?node-id=29%3A1&viewport=575%2C418%2C0.3976004421710968&scaling=scale-down





About Me

I am Website developer and iOS application developer with an experience of 2 years in website development and 2 months of experience in iOS development. I have recently started UX designing from Udacity UX designer Nanodegree. I am Cyber Security enthusiast.

I am currently enrolled in Full time Bachelor in Engineering in Computer Engineering in 4th year in G. H. Patel College of Engineering & Technology, Anand, India.

I love sports and play games like badminton and basketball. I am in the badminton team which represents my college at zonal level. I am also interested in nuclear physics as my father works in Nuclear Power Station in Kakrapar, India.