

Screen Sketches

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MedHub

Step 2:

Administrator:

- Permission
 - Can create “doctor” and “patient” accounts for approved personnel

Doctor:

- Modification of schedule
 - Can personalize free hours available on his/her schedule
- Patient records
 - Can see confidential patient records
- Chat
 - Ability to respond or get in contact with patients

Patient:

- Schedule appointments
 - Can book an appointment depending on availability
- Chat
 - Get in contact with his/her doctor to follow up on an appointment, explain symptoms, etc.

Step 3:

Maintainability:

- It's very important that our application can be easily maintained over time as things may change
- The ability to add features to the application is a very important part of future-proof development

Performance:

- Response time
 - .1-.5 sec.
- We want the app to have low loading times for data collected

Scalability:

- Ability to function with increasing amounts of data/users
- Have lots of doctors in lots of offices be able to effectively and smoothly communicate with patients.

Portability:

- The app will be able to work on all a and version.

Step 4:

Patients

- Name
- Phone number
- Home Address
- **Patient ID**

Doctors

- **Doctor ID**
- Name

Patient Records

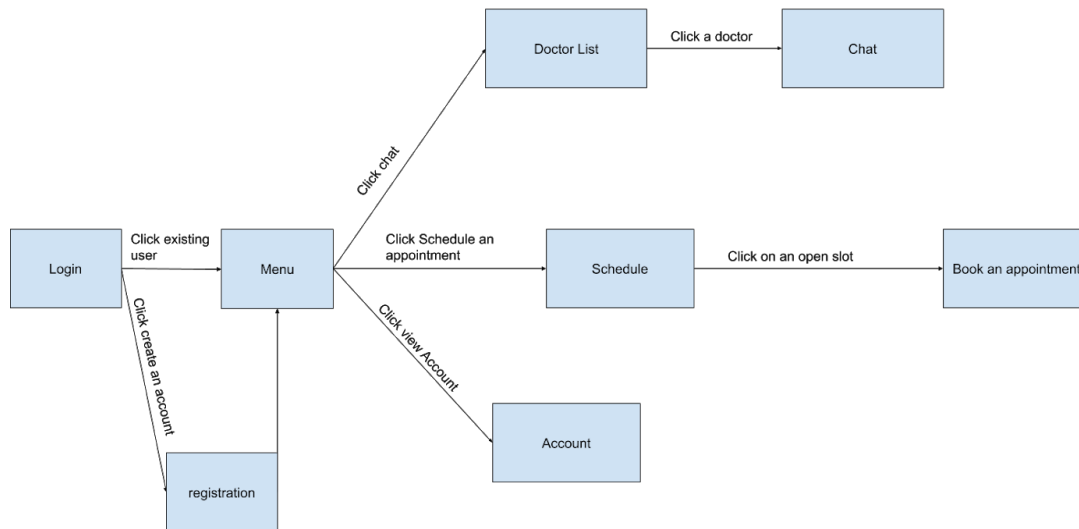
- Medical info (several attributes)

Doctor's offices

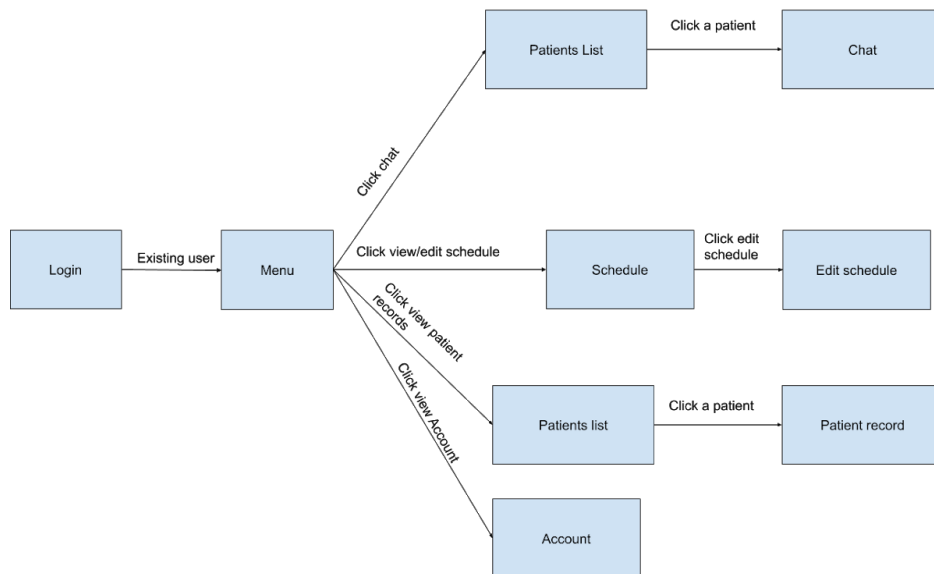
- **Office ID**

Step 5

Patient:

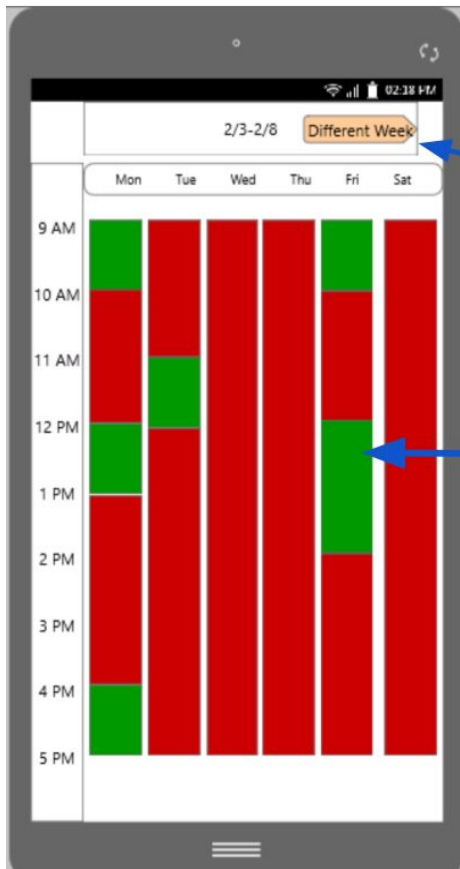


Doctor:



Administrator:

A registration screen is presented to activate a new user account



1. Change week

2. Availability blocks

This screen represents the current availability of the doctor selected by the patient. As a patient you can select a green block to create an appointment which directs you to the "book an appointment screen". As a doctor you can change your hours of availability by deleting and adding boxes. When a patient books a green block, it turns red because it should no longer be available.

1. This button allows the user to change the week that is being displayed.
2. Red blocks indicate no availability, while green indicates that it is available.

Condensed
info (1)

Contact
Picture(2)

Number,
Email,
Address (3)

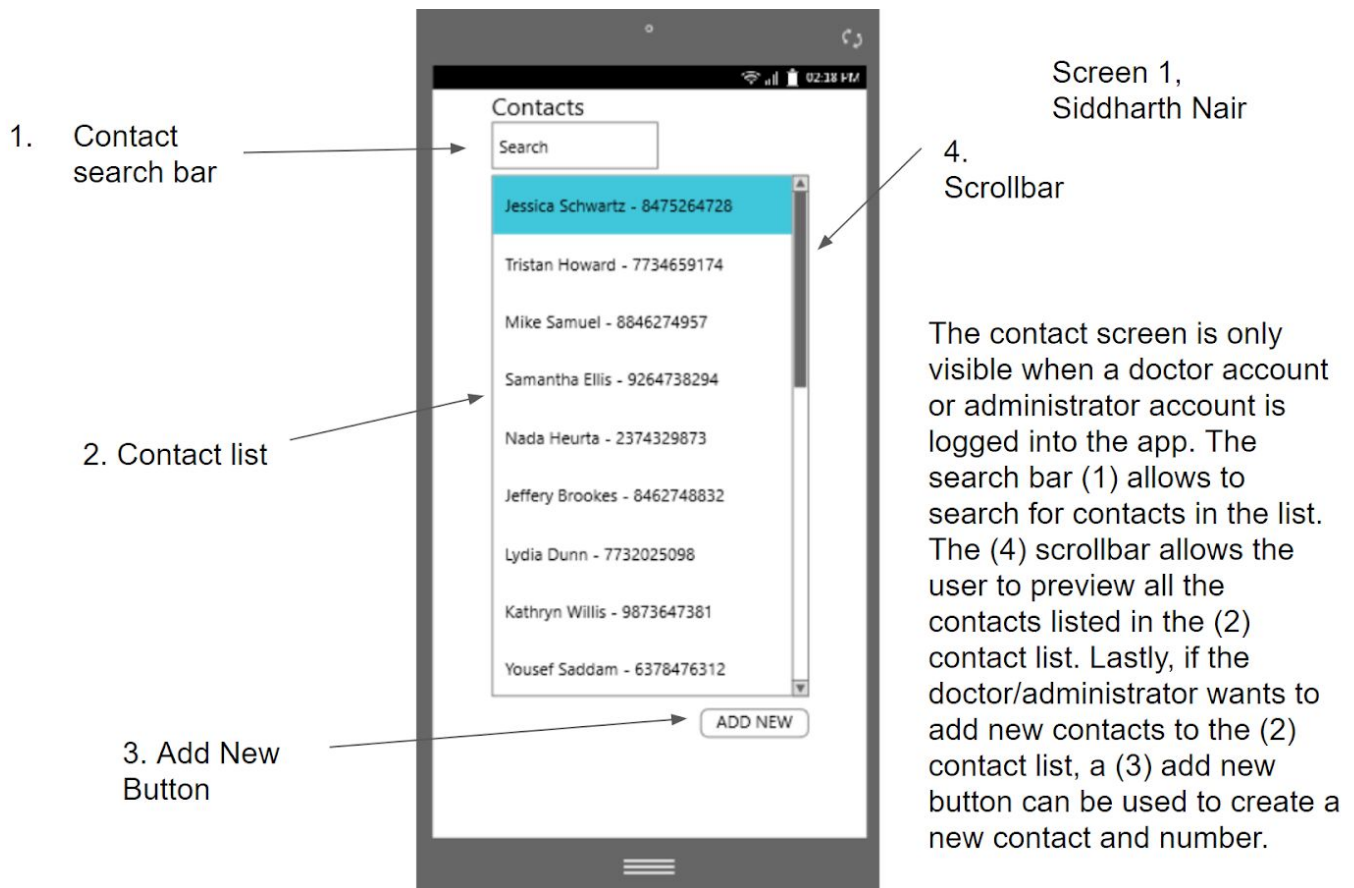
Doctor
Notes (5)

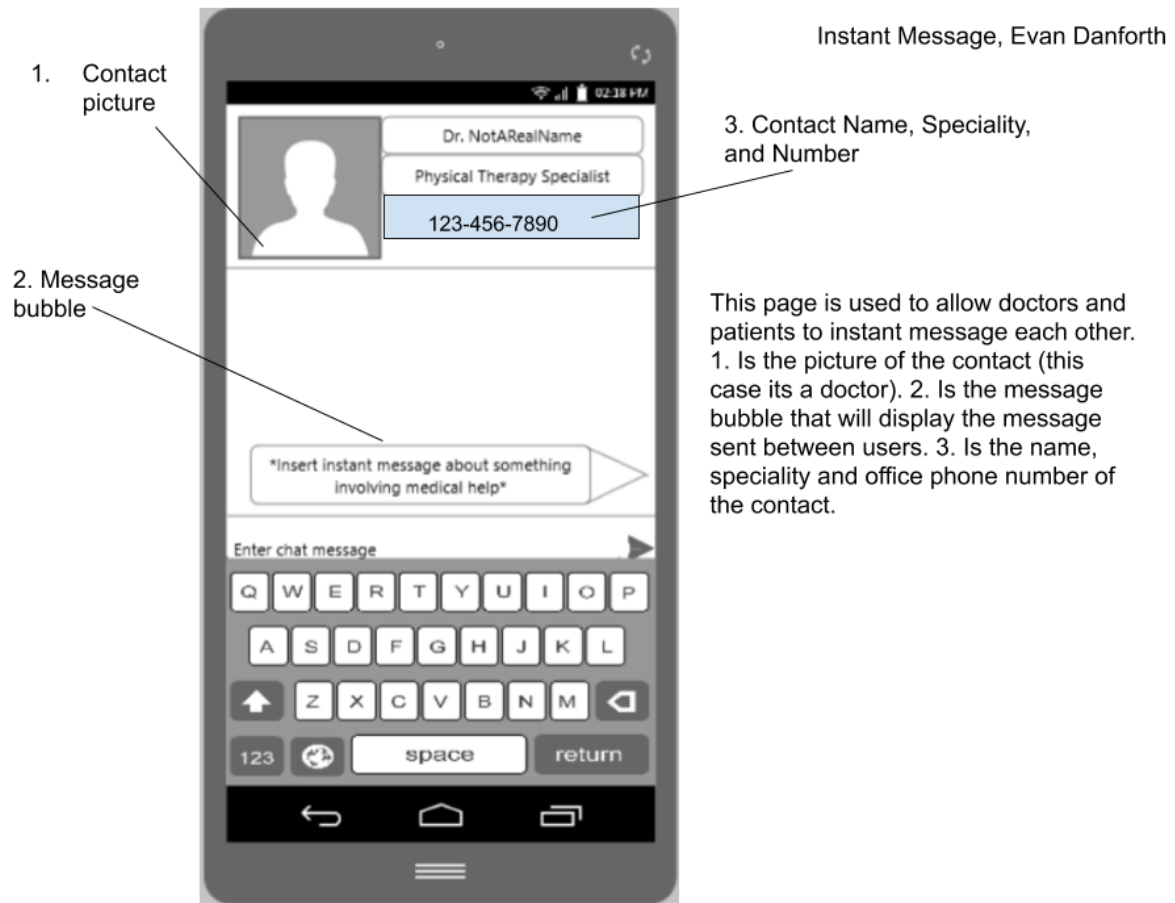
Time of next appointment (4)

Basic Medical Data (6)

In the patient records screen this is what the doctors will see when selecting the patient name. The first part (1) allows for some quick information on the patient. The picture (2) also helps identify what the patient looks like. Additional information is given by (3) on the patient. The appointment timer (4) allows the doctor to know when the patient should be back. The doctor notes (5) allows the doctor to remember what happened in the last visit the patient was in the office. The medical data (6) allows the doctor to view and update basic information on the patient.

Screen 2,
Siddharth Nair





1. Doctor picture

2. Description

Appointment Creator, Evan Danforth
3. Doctor name and speciality

4. Day, date and time of appointment

Dr. NotARealName

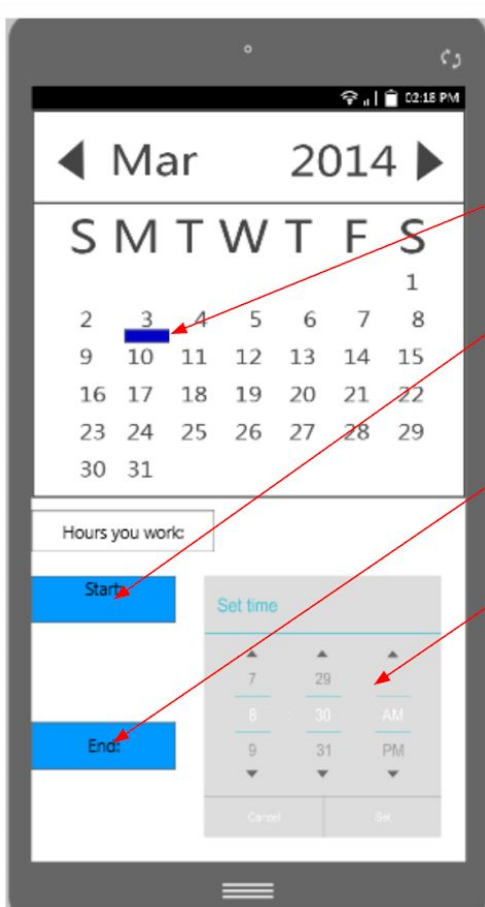
Physical Therapy Specialist

Monday February 3, 5PM-6PM

Please enter info about the appointment such as symptoms, complications, problems, past history, and family history...

Submit

Appointment creator is to help the process of scheduling appointments. 1. Picture of the doctor for the appointment. 2. Description of the appointment created by the patient. 3. Name and speciality of doctor. 4. Day, date, and time of appointment - seems pretty self explanatory, just info about when the appointment is.



1. Highlight date

2. Start button

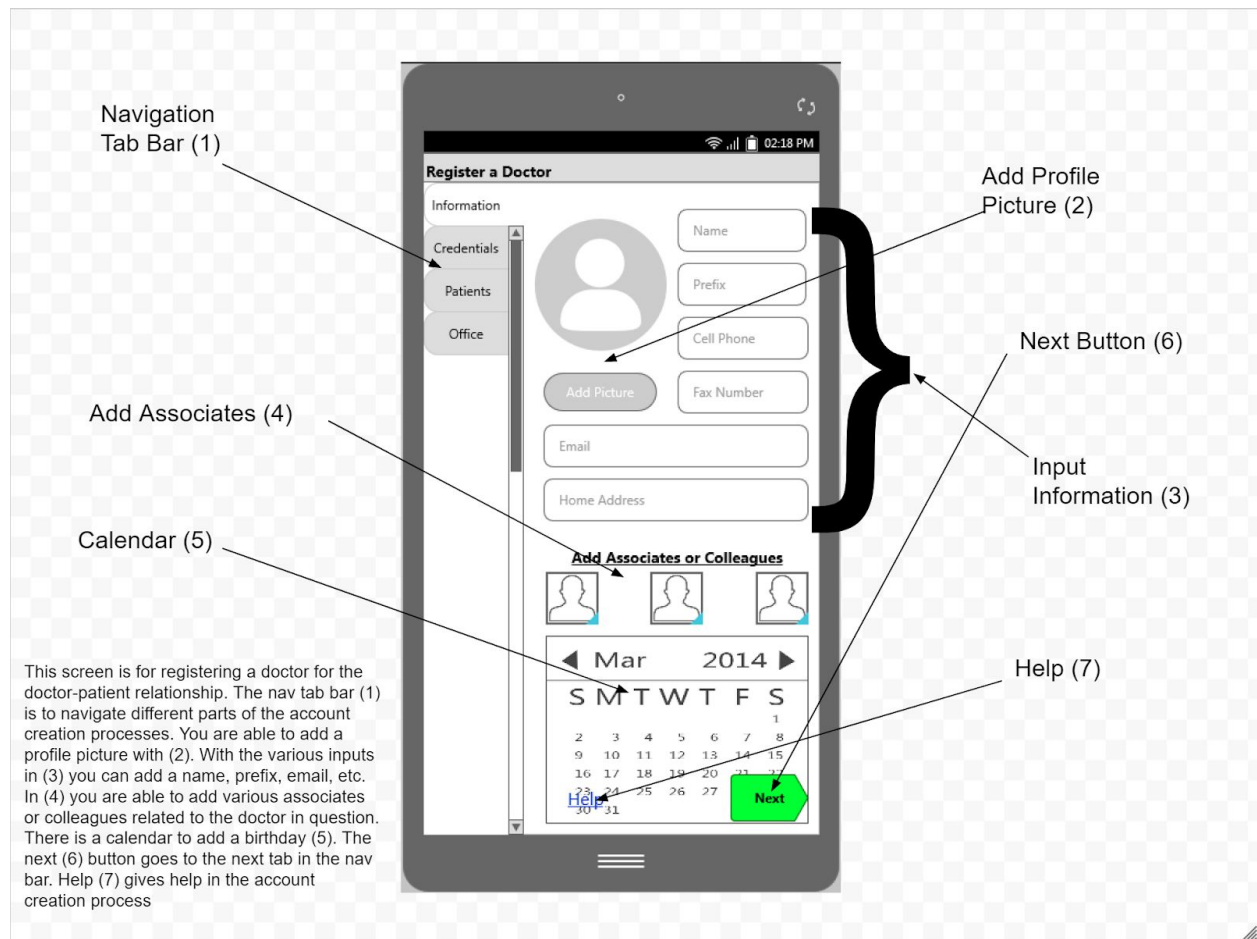
3. End button

4. Time selector

This screen allows doctors to change their workday hours for certain days. This changes the schedule blocks when the doctor updates his hours.

1. You can click on a particular date in order to change your hours on that day.
2. To change the time you start on that day, you click the start button.
3. To change the time you end on that day, you click the start button.
4. When the start or end button is pressed, the time selector screen pops up and you can choose which time you desire.

Aaron, Doctor Creation Screen



Aaron, Account Screen

