

Horizon Health Design Document

Han Quatro and the Chewbaccas

Team Members:

Christian Barton, Darrin Landroche, Dara Lim, Nelli Hovhannisyan.

Problem Statement: Communication between a physician's office and a patient can be slow or difficult. Common queries, such as those associated with bills, test results, or appointments could be easily answered automatically.

Design Outline: Our project is separated between client and server model. The separation is divided into three components. A server will host the database, client receive an information, and a web-application will interface with a user to review record, schedule an appointment, request an appointment, cancel an appointment, review procedure, add and delete a patient, update information, and edit procedure.

Design Issues:

1. What platform(s) should we develop for?

- We decided that a web is the only interface platform for the project. IOS or Android is an optional if there would be available time.

2. How do we protect an user's data?

-To protect an user's data, we are back up the data regularly. For example: A week, a day, or an hour. Windows has a backup utility built into ntbakup.exe to perform basic backups.

3. What language or web framework will be used to develop?

- We decided to use Python as programming language and Django as web framework.

4. How can an user login?

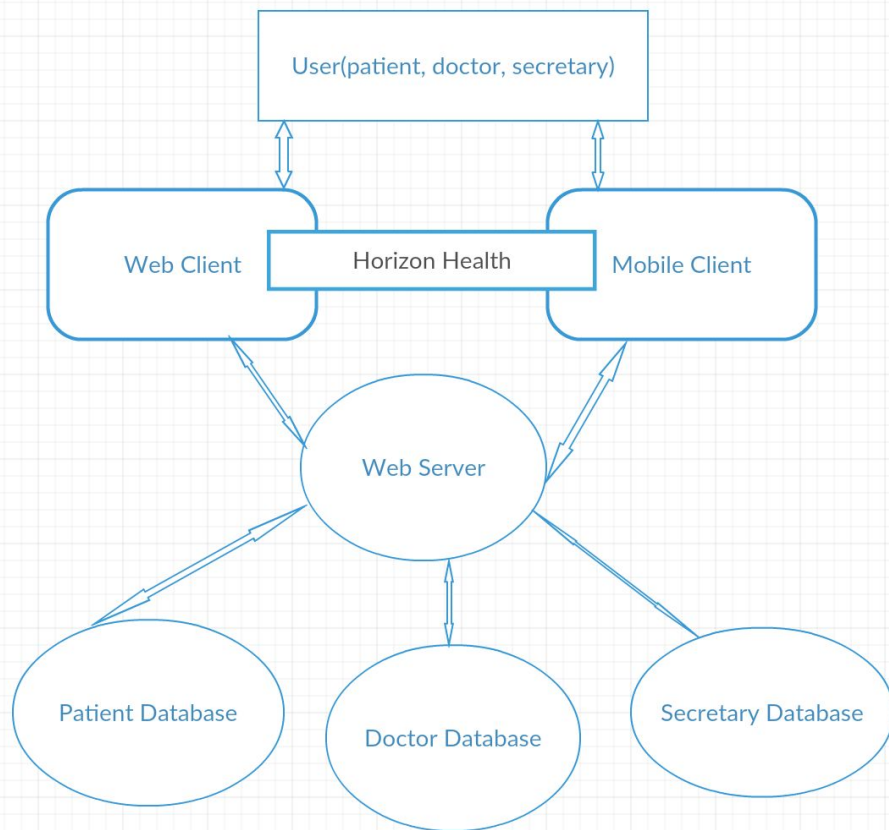
- An user can login with his or her created user name and password.

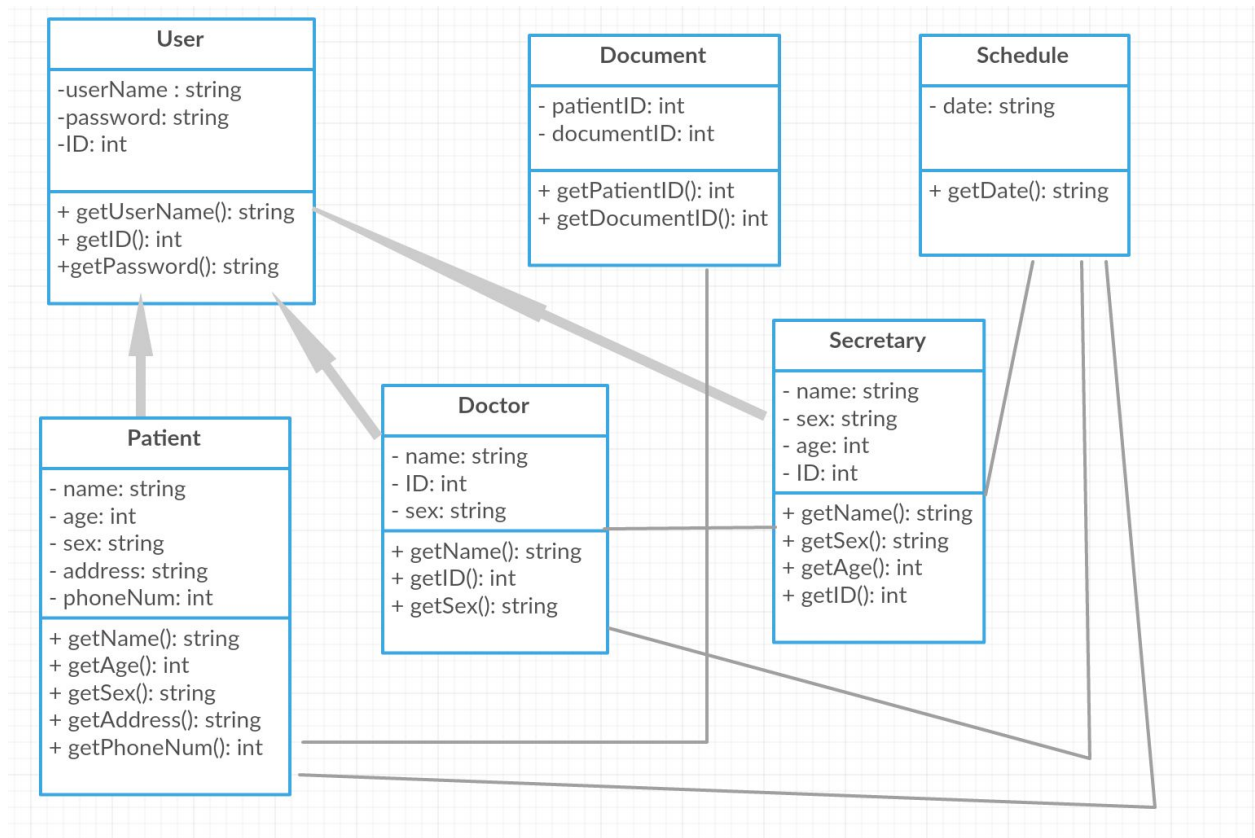
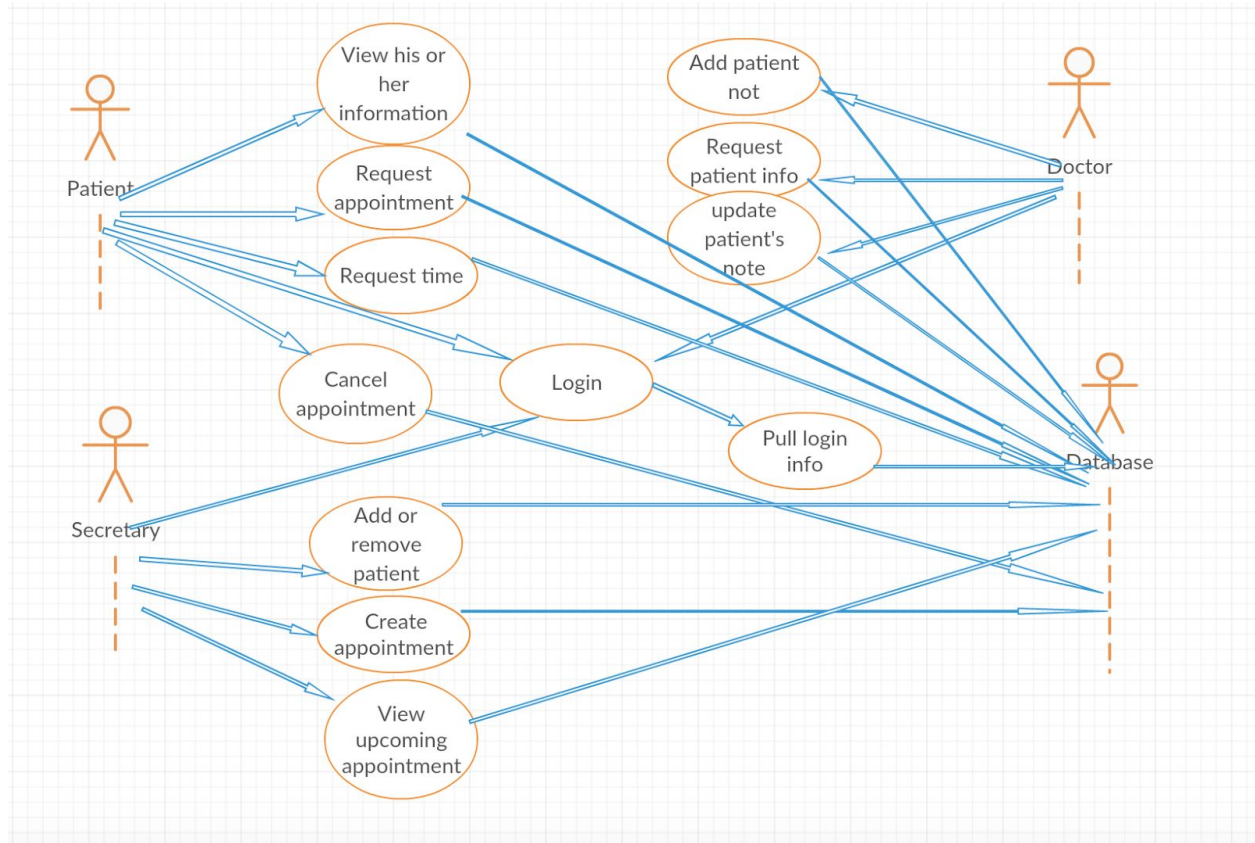
5. What users' information will be shown?

-The informations will be shown are: Records, Appointment, user's informations, setting, users' names.

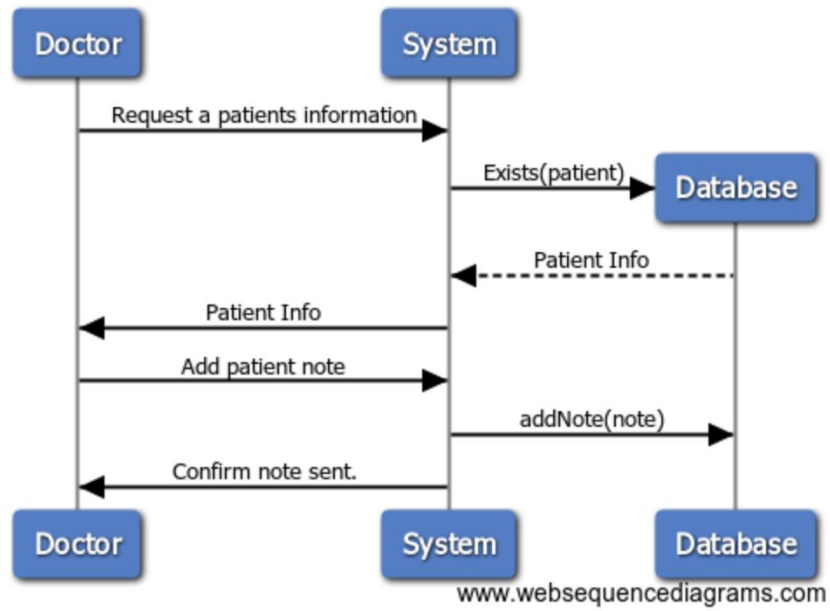
6. What user can do ?

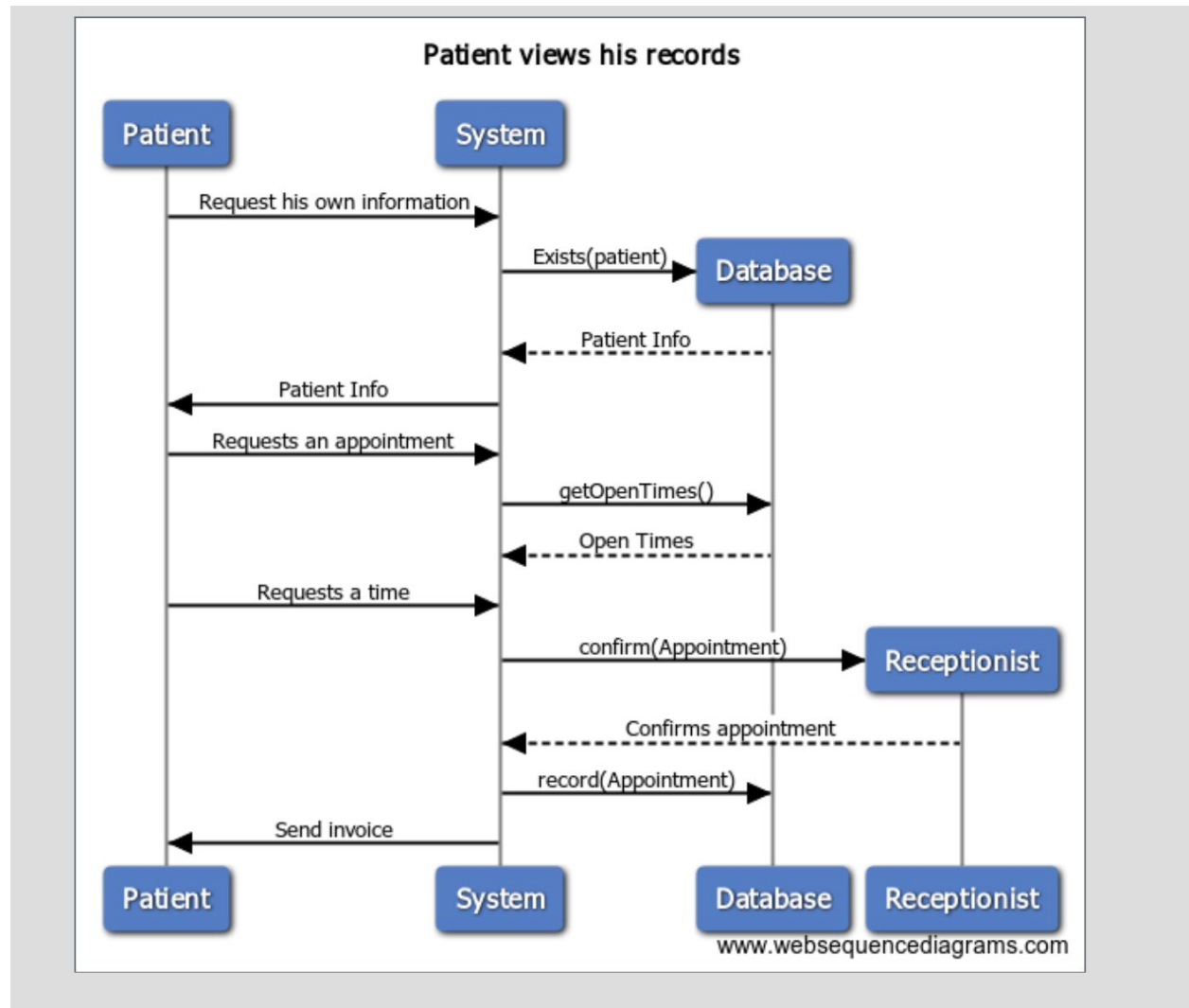
-Our project allow the user to request appointment, cancel appointment, view an schedule appointment, add and delete user, edit procedure, update information, and view record result.





Attach a note to a patient's record





Secretary prototype

Schedule Patient Managemen Request	Welcome to Horizon Health	Secretary Name Information Setting Log Out
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Doctor prototype

Schedule Procedure Patients	Welcome to Horizon Health	Doctor name Setting Log Out
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Patient prototype

Record Appointment	Welcome to Horizon Health	Patient name Patient information Setting Log Out
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