

Med Scribe Pro

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Project Goals

The overall goal of this project is to plan and implement an online application that allows Doctors, Patients, and Pharmacist to share important medical information via secure online databases. Our main goal is to manage medical prescriptions by allowing Doctors to write digital prescriptions assigned to a patient and Pharmacists to read the prescription of a particular patient.



Primary Actors



Doctors



Pharmacists



Patients



Doctors

The Doctors Group will allow Doctors to do the following:

- Write digital prescriptions linked to a Patient ID.
- View and add to a Patients Electronic Medical Record (EMR).
- Attach documents to a Patient's EMR. (*X-Rays, Cat Scans, etc.*)



Pharmacists

The Pharmacist Group will allow Pharmacists to do the following:

- Read Digital Prescriptions based on a Patient ID.
- View all medications a Patient is currently on. (*If a bad combination is found it can be flagged*)
- Attach notes to a prescription.
- Send Automated Emails to Patients containing Medical Instructions about medications they have been prescribed.



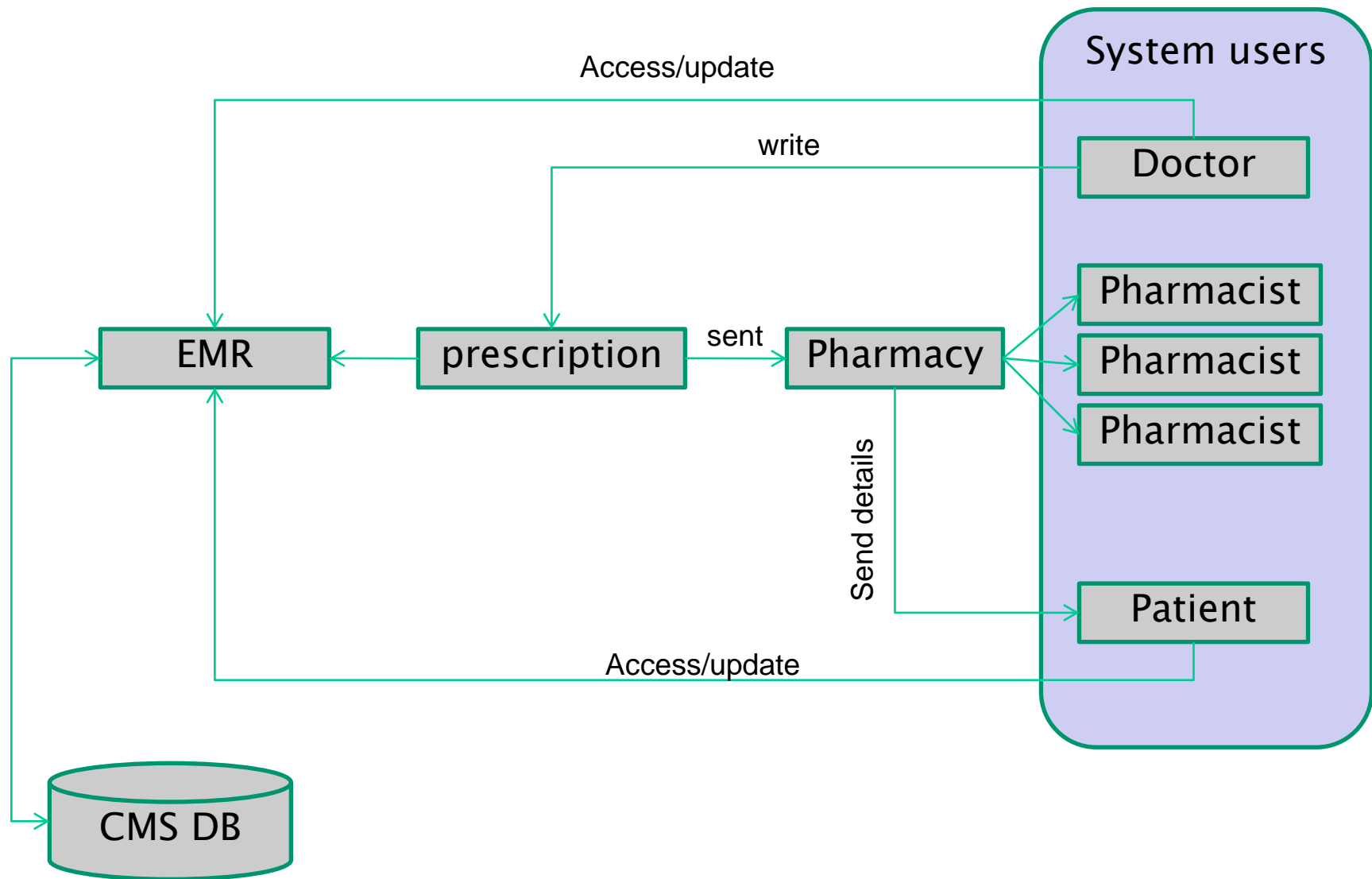
Patients

The Patient Group will allow Patients to do the following:

- Update personal information.
- Read and print their Electronic Medical Records (EMR).
- Access information about medications they've been prescribed.
- Set Permissions for their Electronic Medical Records (EMR).



System Architecture



System Architecture Diagram

Next 3 Milestones

Milestone 4 (Sept. 28)

- CSS for User Front Ends
- Complete Prescription Functions
- Communications for Patient Medications

Milestone 5 (Oct. 26)

- Complete Communications
- Add necessary Admin Control to System
- Poster for Senior Design Showcase

Milestone 6 (Nov. 30)

- Test and Demo the Entire System
- Complete User Manual
- Create Demo Video



Progress Matrix

(Milestone 4)

Task	Alijawaad	Joshua	Mohammed	Sultan
CSS for User Front Ends	50%	50%	0%	0%
Complete Prescription Functions	10%	10%	40%	40%
Communications for Patient Prescriptions	15%	15%	35%	35%



Questions?

