Introducing the EMIS

This electronic medical information system was made in order to ease the workload of the overworked hospital employee, as well as the ailing patient. In hospitals possibly the most important factor is time, which unfortunately is often wasted filling out forms. Not to mention the mistakes that occur due to the filing and refiling. Financial billing will also be made simpler will this application by the ability to make copayments from the user's insurance company. Thanks to our EMIS it's all gathered on one website that stores and displays the data for you in a reliable manner.

Now, the EMIS will be targeted at hospitals and clinics in overcrowded areas, such as downtowns or low income housing. Utilizing a simple way to let patients do anything they need such as, scheduling appointments as well as an ability to schedule an appointment by remotely sending a message to the receptionists email. Additionally the patient is able to store his data so if he/she returns it will be a quick and relatively painless visit, The EMIS will even send you a courtesy email 24 hours before appointments!

On the hospital's side however, there are even more abilities. This system will have a patient chart that is visible by all employees, however access will be limited based off of each clinics specifications. Having this system in place will allow the nurse to update a patient's file during a visit, or even check and see the diagnosis that the doctor entered into the system. On that note the doctor can also view his patient list and order drugs and tests on each patient chart.

EMIS Test cases

1. User logs in with login and password.

2. User forgets password and clicks “Forgot Password.” Verifies Email and an email is sent

to reset password.

3. User forgets their ID. Clicks “Forgot ID”. Verifies Email and a new ID is sent via email.

4. User clicks new user. They enter their information. A user ID name is provided and sent via Email upon completion.

5. User (patient) clicks “change information”. User is allowed to change personal information such as insurance policy and name. (Anything else you can think of that can be changeable.)

6. User (Nurse) clicks “change patient information”. Allows for the Nurse to change height, weight, insert notes on their visit such as blood pressure and current medication they are taking.

7. User (Doctor) clicks “change patient information.” Same as nurse but allows more accept such as any procedures taken or care required.

8. User (Receptionist) logs in, can approve appointments

9. User (Patient) logs in then selects time and day for appointment.

10. User (Doctor) can request days off of work, vacation or none.

11. User(Patient) Make Payment Via insurance

12. User (Receptionist) can access total cost of visit and see what is due. They accept any

cash/check given by the patient. Accept Payment.

13. User(Patient) Access/Navigate Frequently Asked Questions Page

14. User (Patient) Access/Navigate Doctor Directory Page

15. User(Staff) Modify Frequently Asked Questions Page

16. User(Staff) Modify Doctor Directory Page

17. User (patient) tries to login but its invalid.