Xamine-RIS Requirements

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Functional Requirements – Receptionist

* Receptionist can view todays appointments in “Today’s appointments” sections
* Receptionist can check-in patients from the “Today’s appointments” section
* Receptionist can check-in patients including allocating proper room
* Receptionist can view appointments that lack a time and date (IE unscheduled appointments)
* Receptionist can give a date and time to unscheduled appointments
* Receptionist can view patient’s medical history

Functional Requirements – Referring Doctor

* Dr is able to create new patient record
* Dr is able to submit patient information, ailment, and modality needed
* Dr is able to search patients based off of age (birthdate) to create a new order
* Dr is able to select existing patients to create a new order
* Dr can see current orders
* Dr can see when reports were filed and by whom
* Dr is notified when an order is completed
* Dr can see completed orders
* Dr can email the link in order to view report

Functional Requirements – Technician

* Technician has access to checked-in patients table
* Technician has access to patient information
* Technician has ability to add and remove images to the patients order
* Technician prompted with a warning if no images selected when trying to finalize a report.
* Technician can finalize reports to send to radiologist
* Technician notified when patient is checked in and assigned to their team

Functional Requirements – Radiologist

* Radiologist has access to reports sent over by the technician team
* Radiologist can download images contained in a report
* Radiologist is notified when a report is ready for analysis
* Radiologist can see patient information
* Radiologist can write in submittable text box.
* Radiologist can save an analysis without submitting it
* Radiologist can submit completed analysis

Functional Requirements – System

* Order page displays thumbnails
* Database allows for common image files for images
* Users can edit and view patient information
* Users can see patients current and past orders
* Throw a warning when patient allergies/ health implications interfere with lab materials
* User is able to log in via home screen
* User is able to log out via nav bar
* Admin users are able to access admin backend via navbar
* Users can see who is currently signed in from the navbar