

RIS Functional Requirements:

Referral Doctor:

- Updates current user credentials
- Search for individual patients
- Create and edit new patients
- Create orders for patients
- Review orders sent back by radiologist

Receptionist:

- Review orders
- Search Appointments and Orders
- Updates current user credentials
- Check in patients
- Schedule appointments
- Associates contact information with the appointment

Technician:

- Review orders
- Search Appointments
- Updates current user credentials
- Upload image files and consent form to orders
- Change orders to ready for radiologist to give diagnostic

Radiologist:

- Review orders from technician
- Search orders, appointments and orders to be reviewed
- View files from said order
- Make remarks on diagnostic report
- Submit report

Admin:

- Has access to all users available to the database
- Add/modify Users and their roles

Nonfunctional Requirements:

Product Requirements:

- Run system with no issues from beginning to end
- Able to host database remotely
- All levels of users have individual logins and passwords
- Encryption/Decryption of usernames and passwords

Organization:

- Users must be familiar with RIS system and how to operate the database and navigate it
- Github commits and reviews
- Jira planning
- Development via Java language

External Requirements:

- At minimum 3 new features must be added to existing system
- Usage of a remote database
- Knowledge of current new features added as well as functionality of new integrated features

- Add/modify all tables
- All levels of users have individual logins and passwords

ADMIN HOME

- Placed Orders
- Completed Orders
- Old Orders
- Checked-In Appointments
- Today's Appointments
- Unscheduled Orders
- Review Imaging Orders

ADMIN PAGE

- System Users
- Modalities
- Patient Alerts
- Patients
- Orders
- Appointments
- File Uploads
- Diagnostic Reports

ADMIN REFERRALS

- Patients

ADMIN APPOINTMENTS

- All Appointments

ADMIN ORDERS

- All Orders