**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