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| **Functional Requirements** | |
| Referring physician is able to access RIS and place order for procedure | Radiologist is able to review image retrieved from database |
| RIS is able to receive orders | Store procedure status |
| Actor is able to schedule appointment | Store images |
| RIS is able to acquire an image for a patient | Store modality availability |
| Radiologist can respond to patient images | Create report |
| Radiologist can create report | CRUD Reports (Radiologist) |
| Store technician info | Automatically retrieve demographic information and RP information |
| Contact patient | RIS and PACS pull pictures, reports, and patient information properly |
| Store patient information | See previous exams |
| Require Electronic Signature | Ability for radiologist to send diagnosis report to referring physician |

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| **Non-Functional Requirements** | |
| StarUML is used to create Use Case diagrams | RIS must avoid scheduling conflicts |
| StarUML is used for Database design | RIS |
| Coded in Java | Database accepts SQL commands |
| User login code used RegEx |  |