

Functionality One

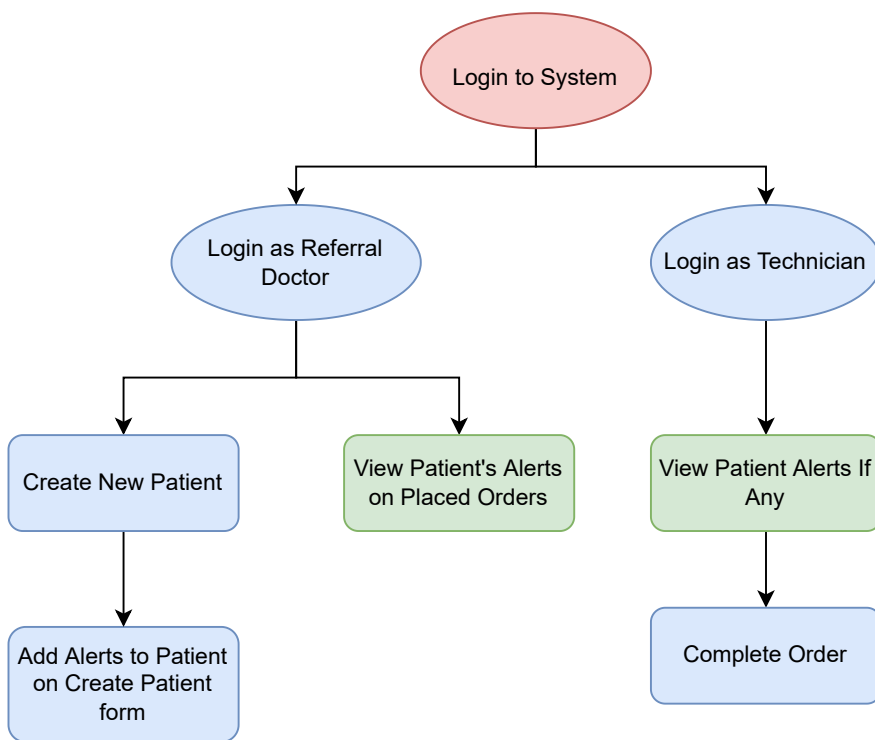
Patient Alerts

Functional Requirements

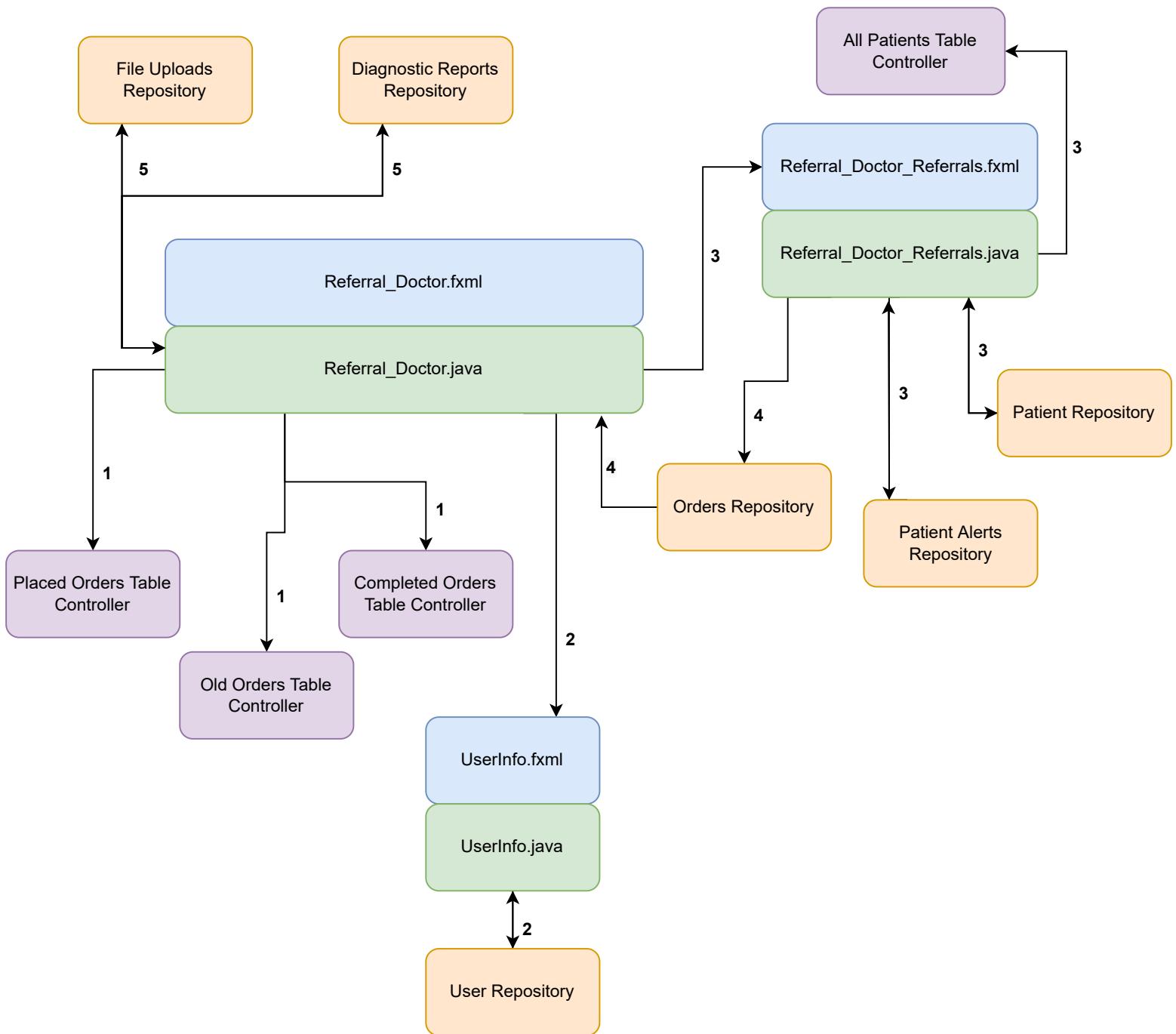
- As Referral Doctor, be able to add alerts to a patient on creation
- As Referral Doctor, be able to view alerts on placed orders with patients that have alerts
- As Technician, be required to view alerts, if any, before continuing order

Non-Functional Requirements

- Reliably assign specified alerts to specified patient
- Maintain alerts on patient through entire system process
- Reliably keep track of which patients have alerts and which do not

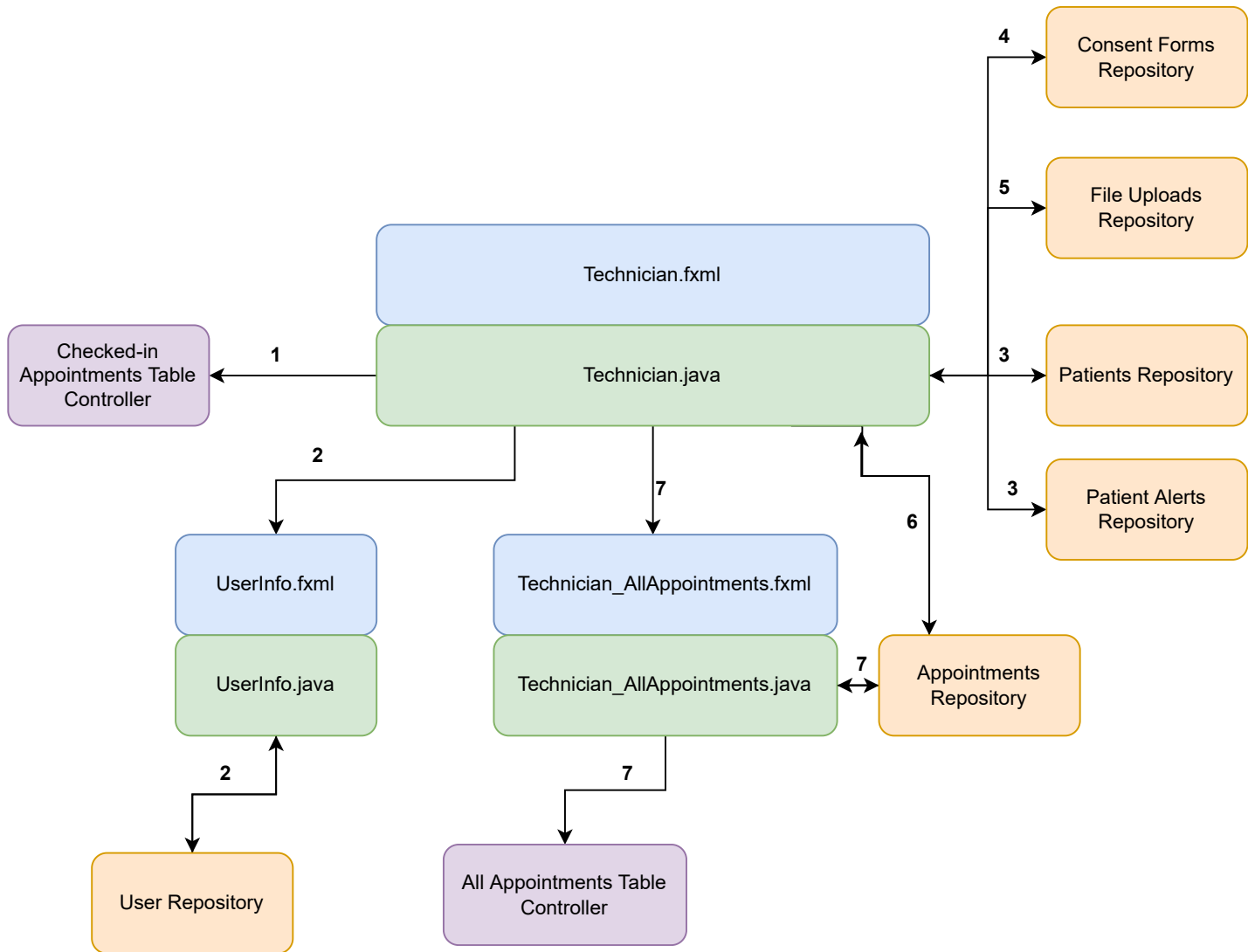


REFERRAL_DOCTOR ARCHITECTURE



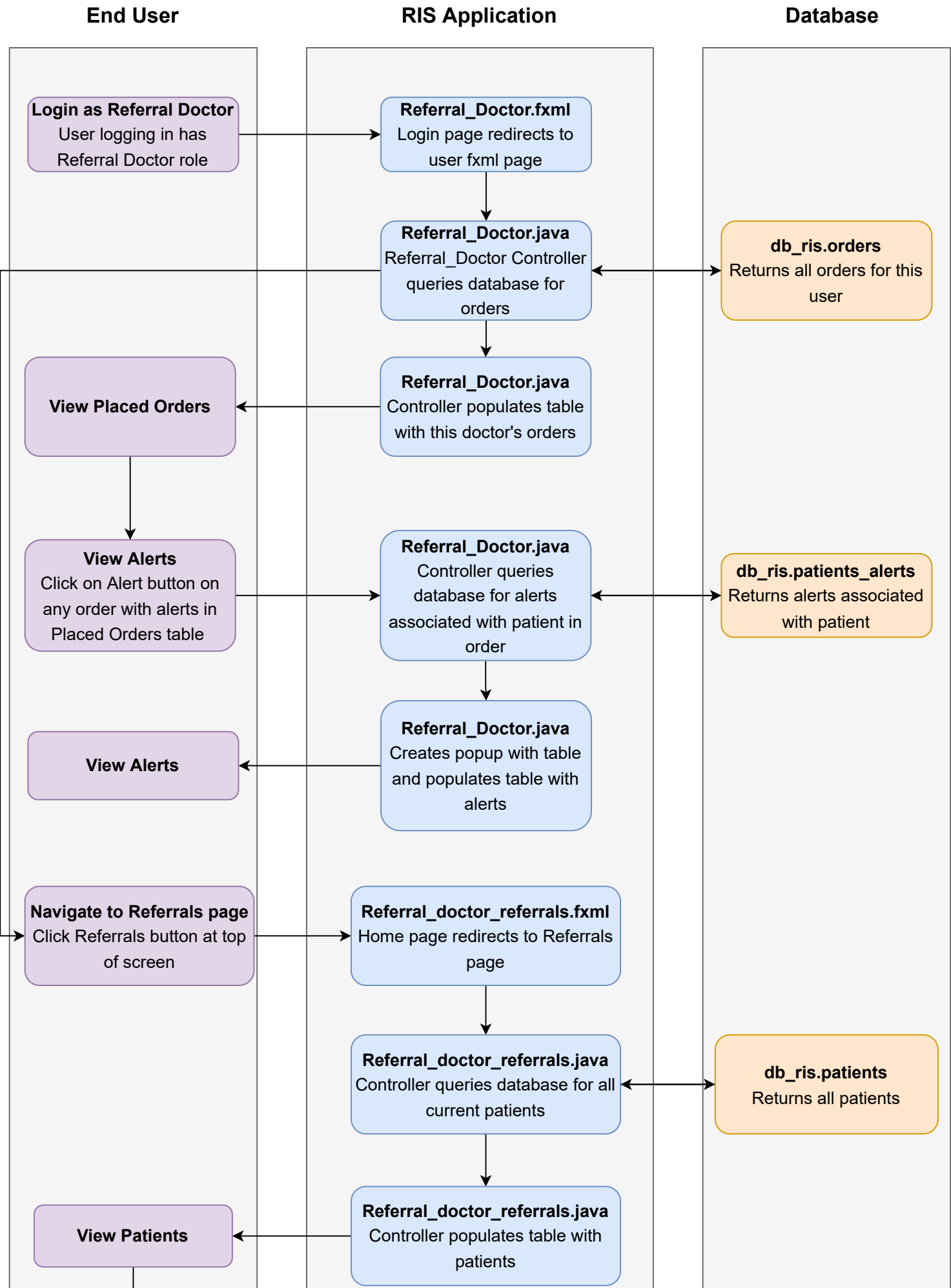
1. Tables on home page are populated
2. Redirect to and populate user info page with user credentials from database, allow for modification of user credentials
3. Redirect to and populate referrals page from database, allow for creation of new patients
4. Query database to create new order
5. Query database for images and reports

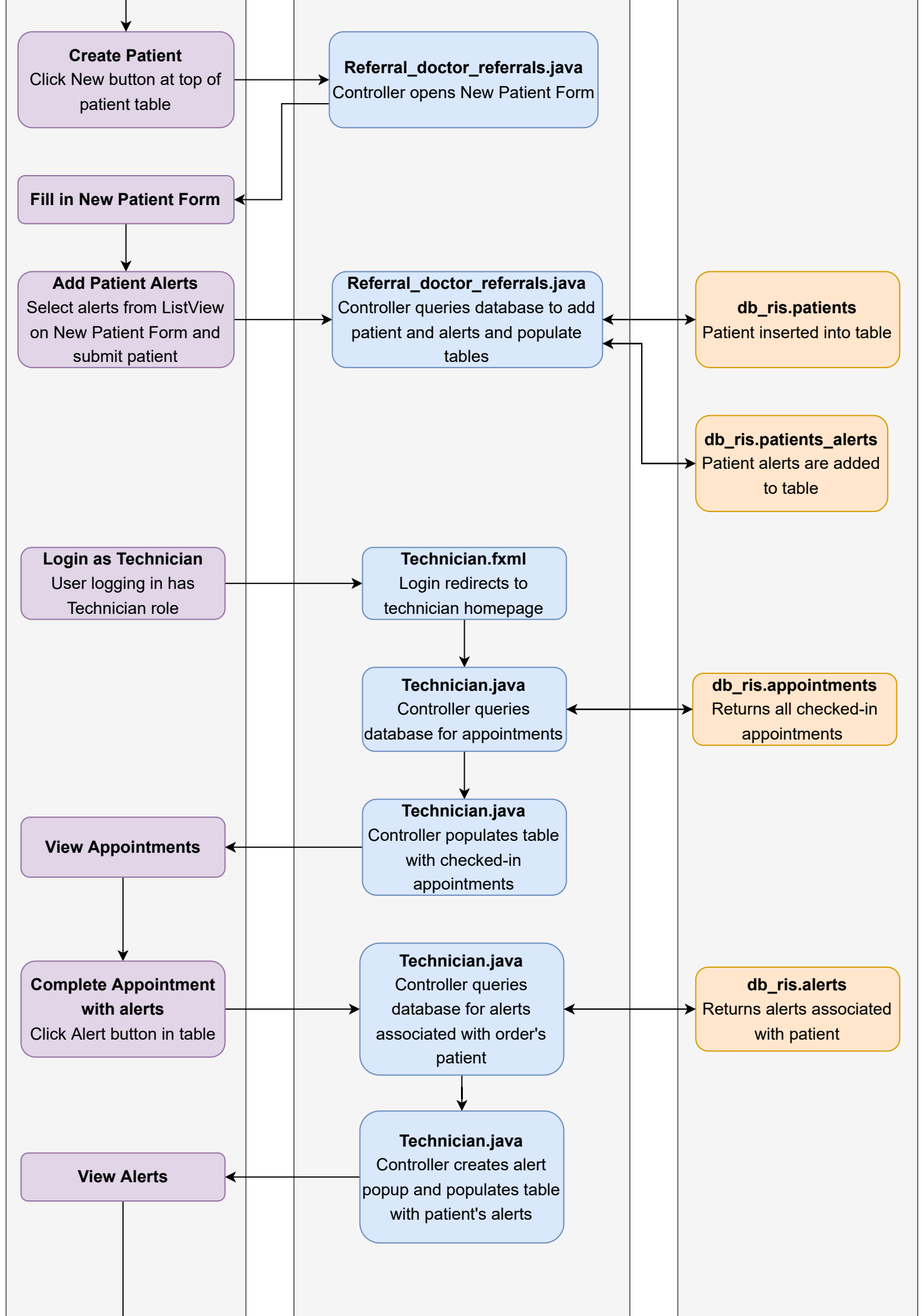
TECHNICIAN ARCHITECTURE

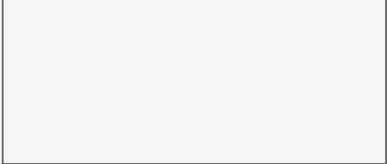
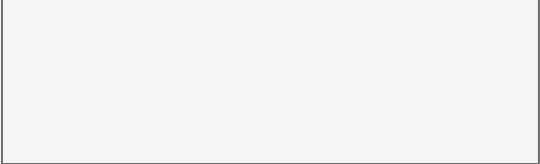
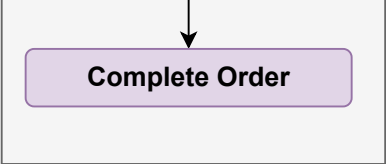


1. Tables on home page populate
2. Redirect to and populate user info from database, allow for modifying credentials
3. Query any patient alerts connected to patients from database
4. Upload consent form and add to database
5. Upload scan images and add to database
6. Query database to push appointment to radiologist
7. Redirect to all appointments page and query database to fill table

Detailed Design







Functionality Two

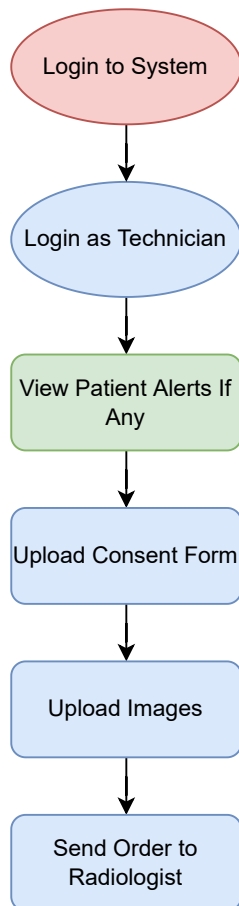
Patient Consent Form

Functional Requirements

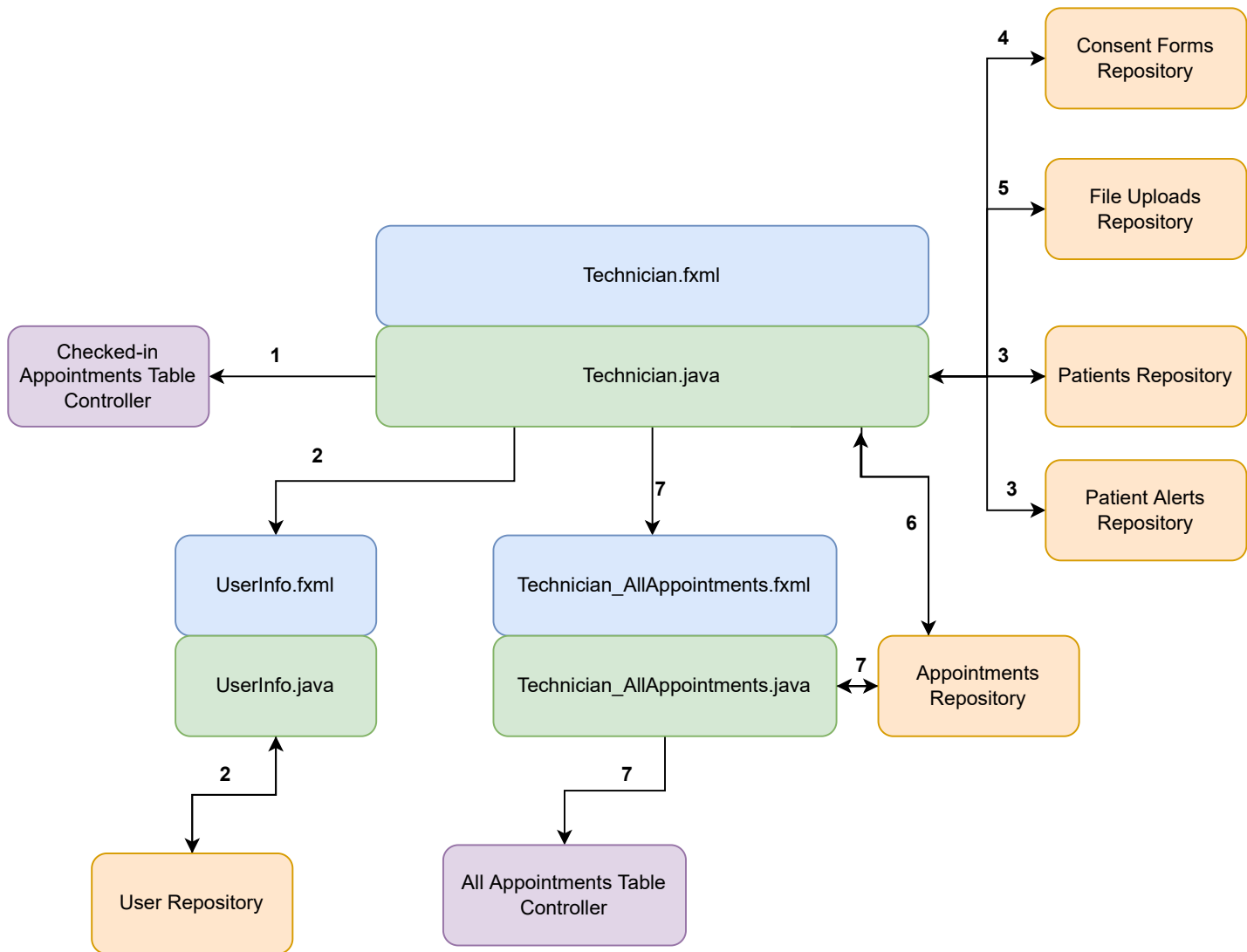
- As Technician, be required to submit consent form before uploading images and completing order
- Be able to view consent form before upload

Non-Functional Requirements

- Reliably keep track of what orders have given consent and what orders haven't

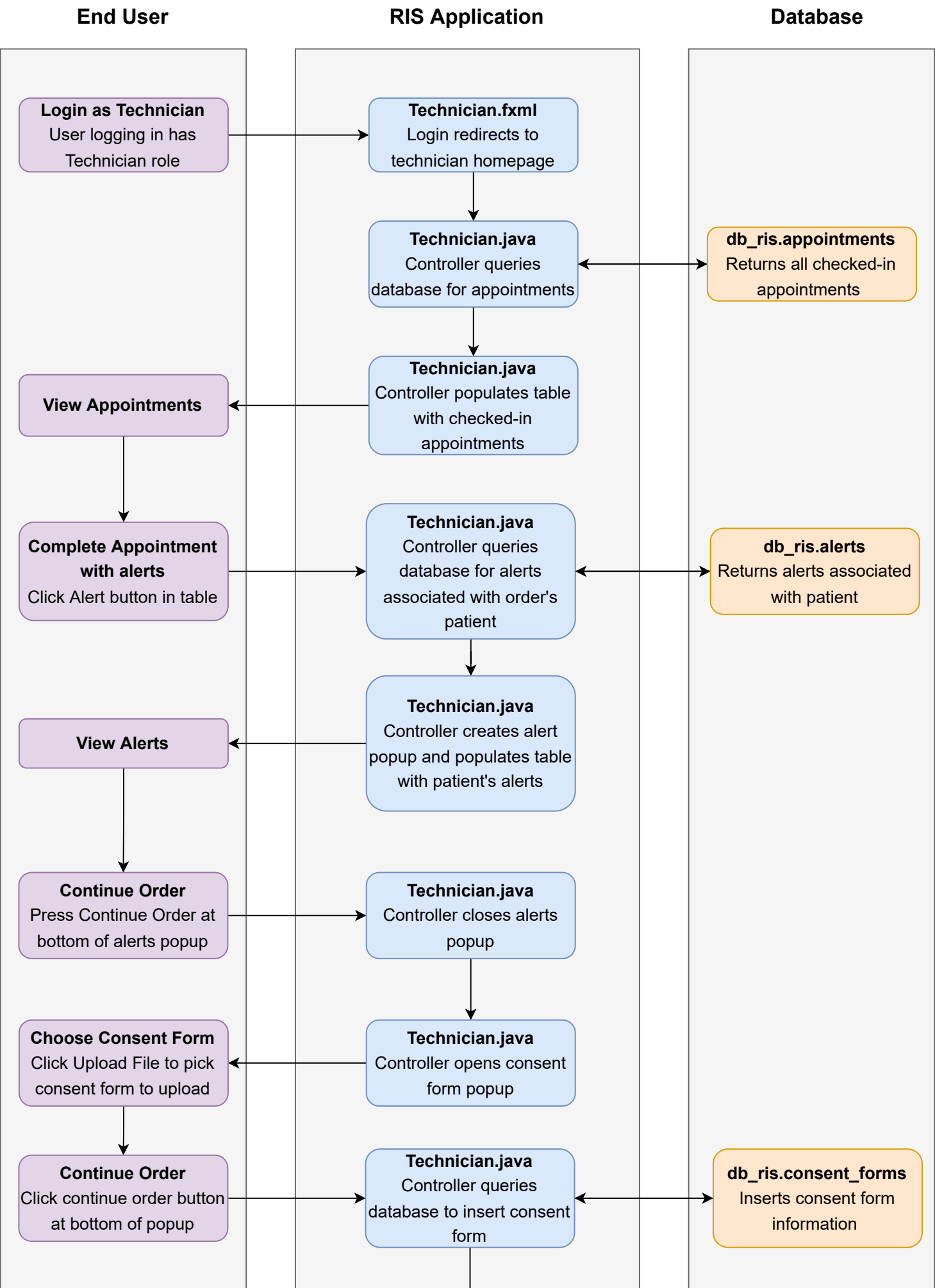


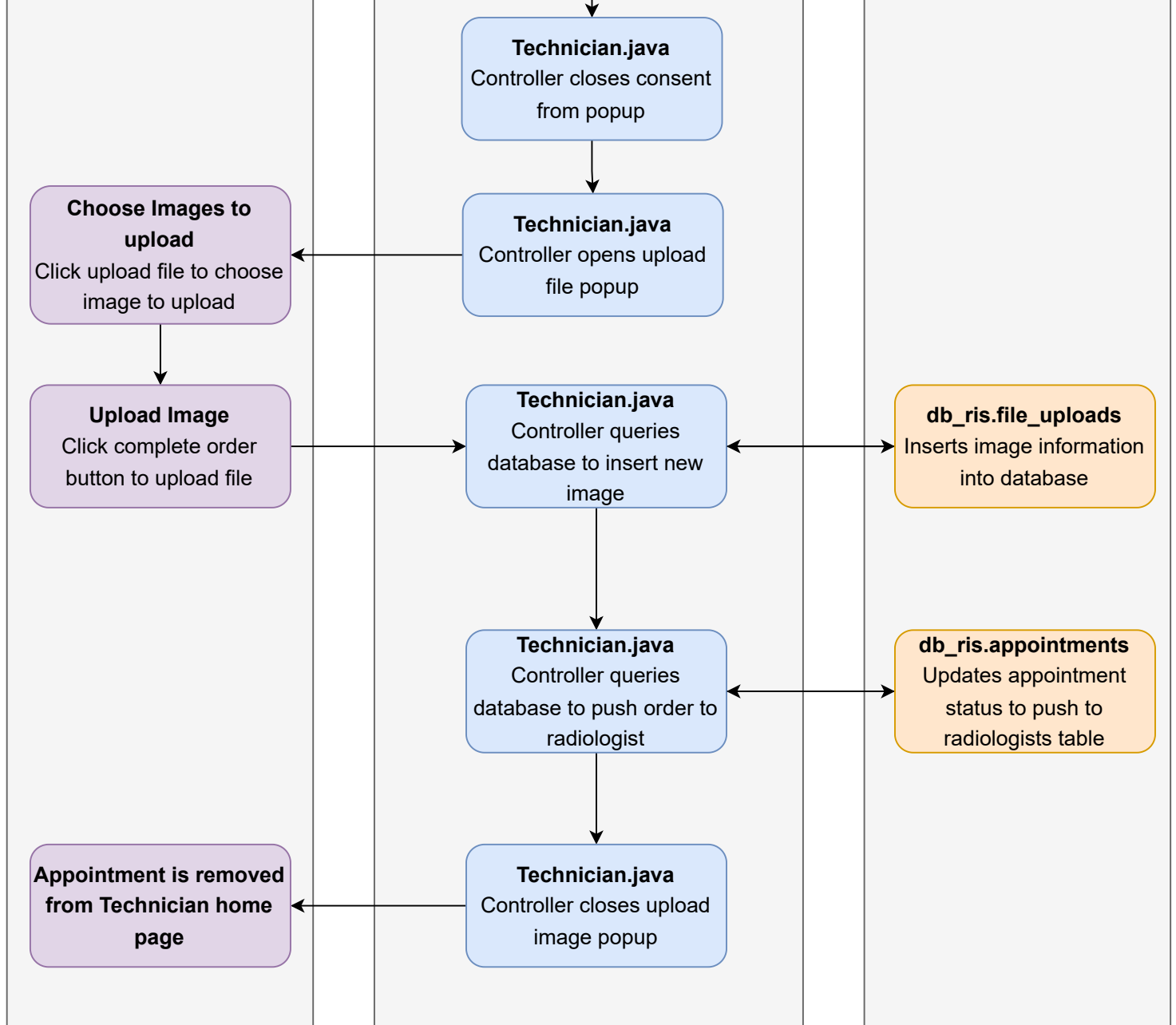
TECHNICIAN ARCHITECTURE



1. Tables on home page populate
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Detailed Design





Functionality Three

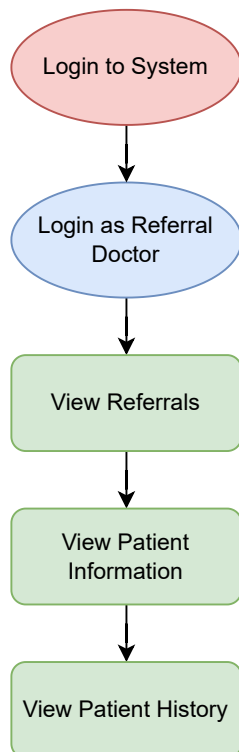
Patient Medical History

Functional Requirements

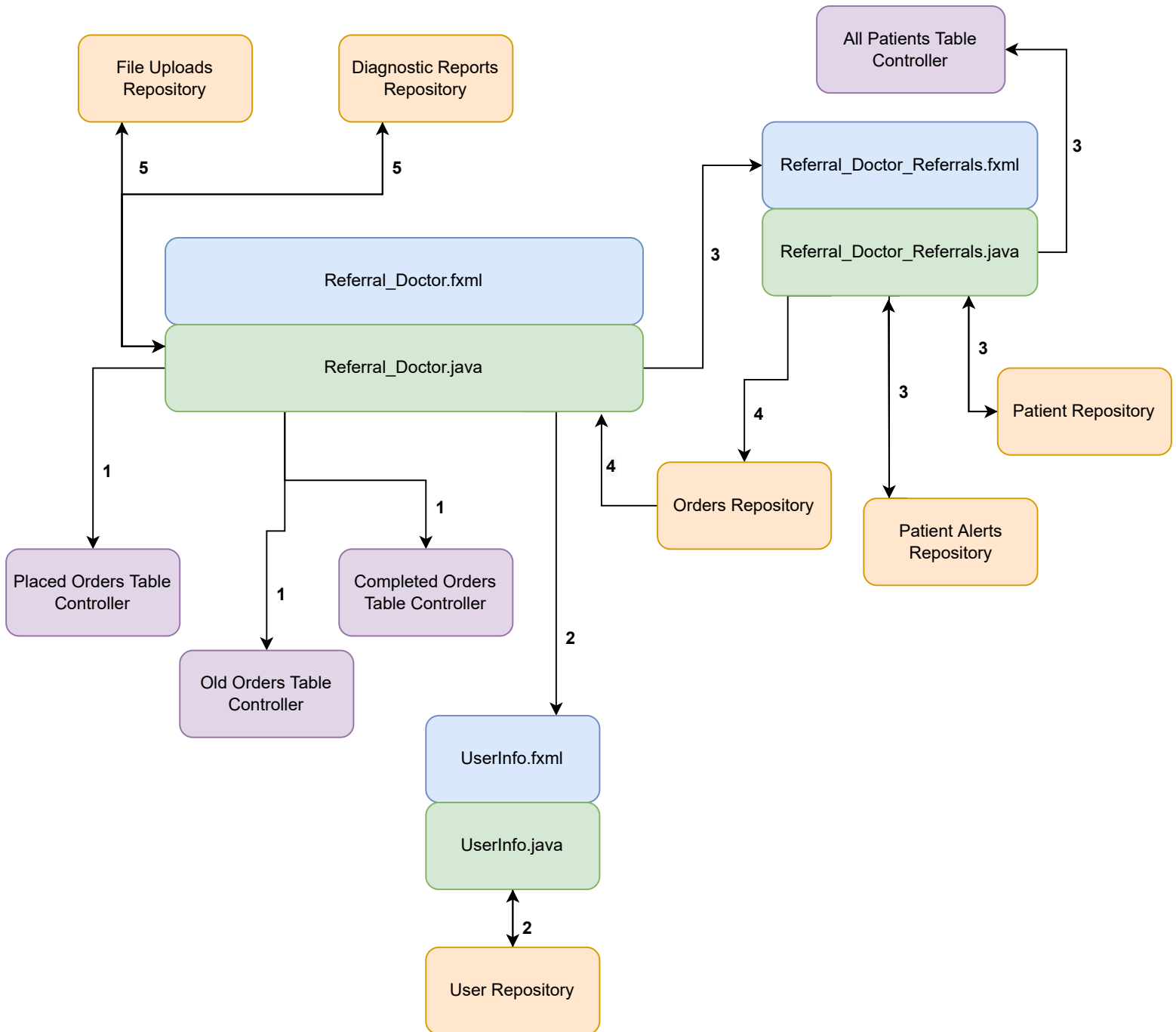
- As Referral Doctor, be able to view patients past orders
- Be able to view the modality, notes, status, and radiologist report of any past orders of any patients

Non-Functional Requirements

- History is easily accessible
- Each patient's history shows in full
- History shows orders only associated with selected patient



REFERRAL_DOCTOR ARCHITECTURE



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4. Query database to create new order
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Detailed Design

