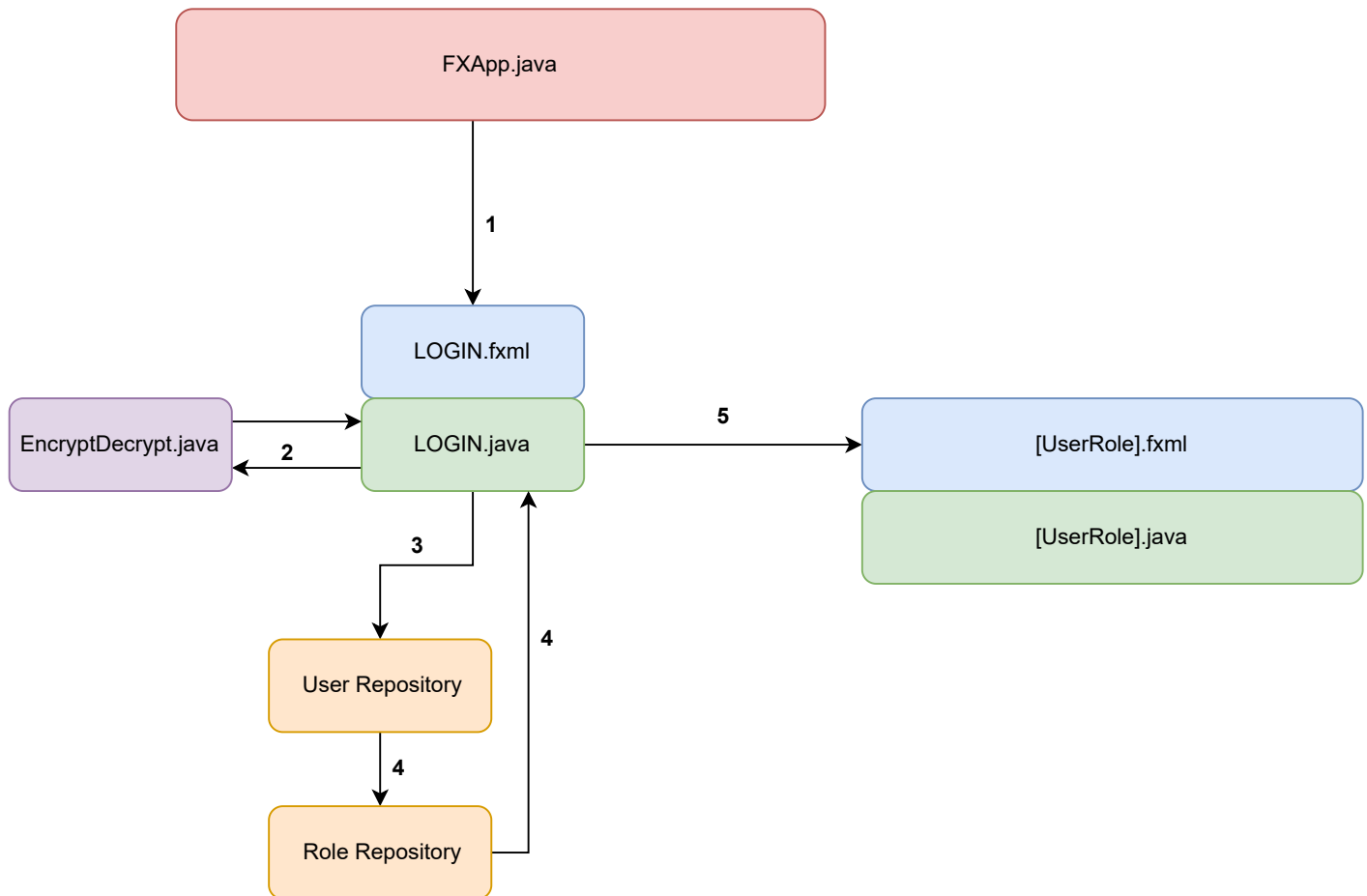


LOGIN ARCHITECTURE



1. App launches to login page

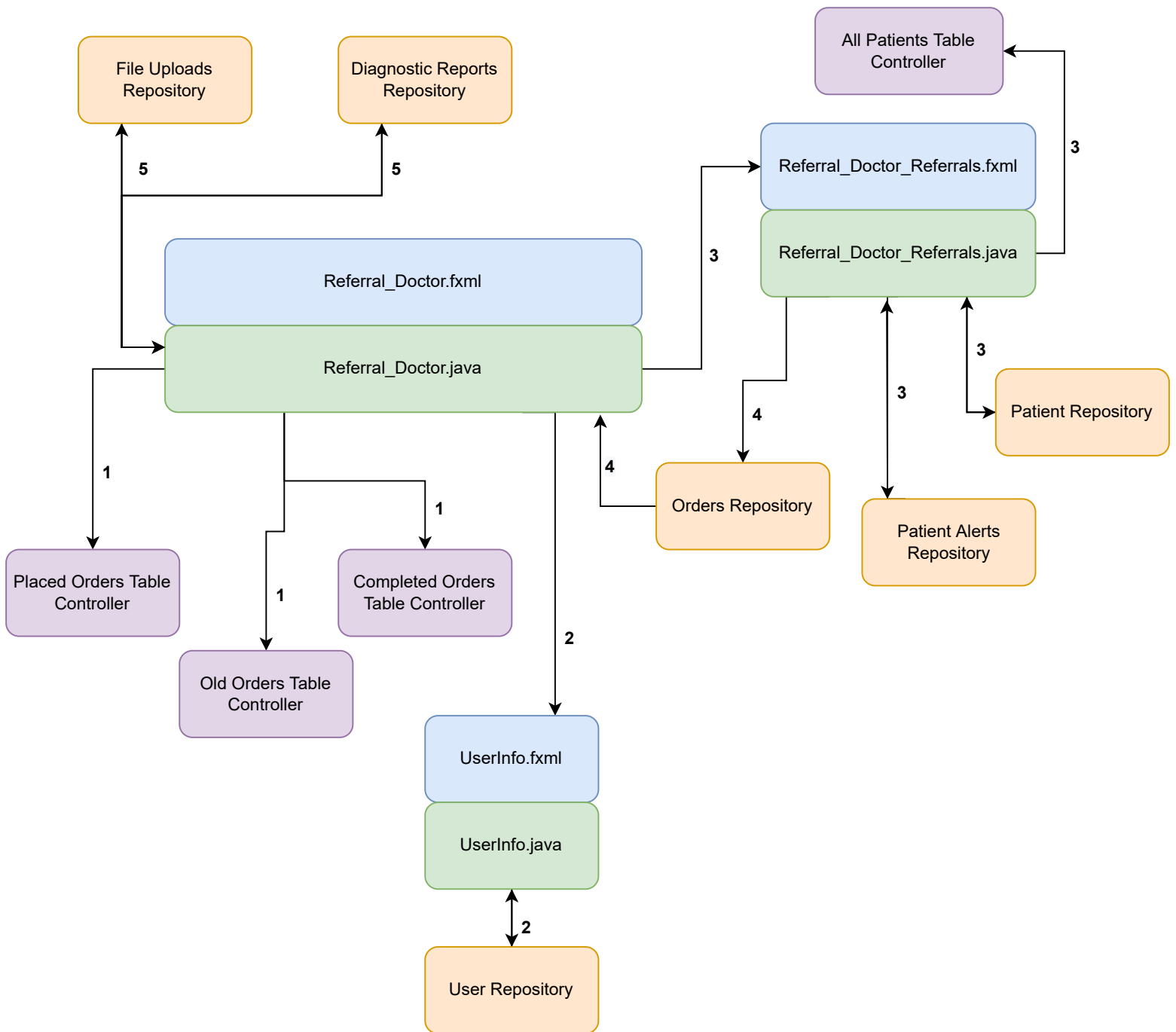
2. Credentials are encrypted

3. Credentials compared to users in database

4. After successful authentication, user role is taken from database and returned to login.java controller

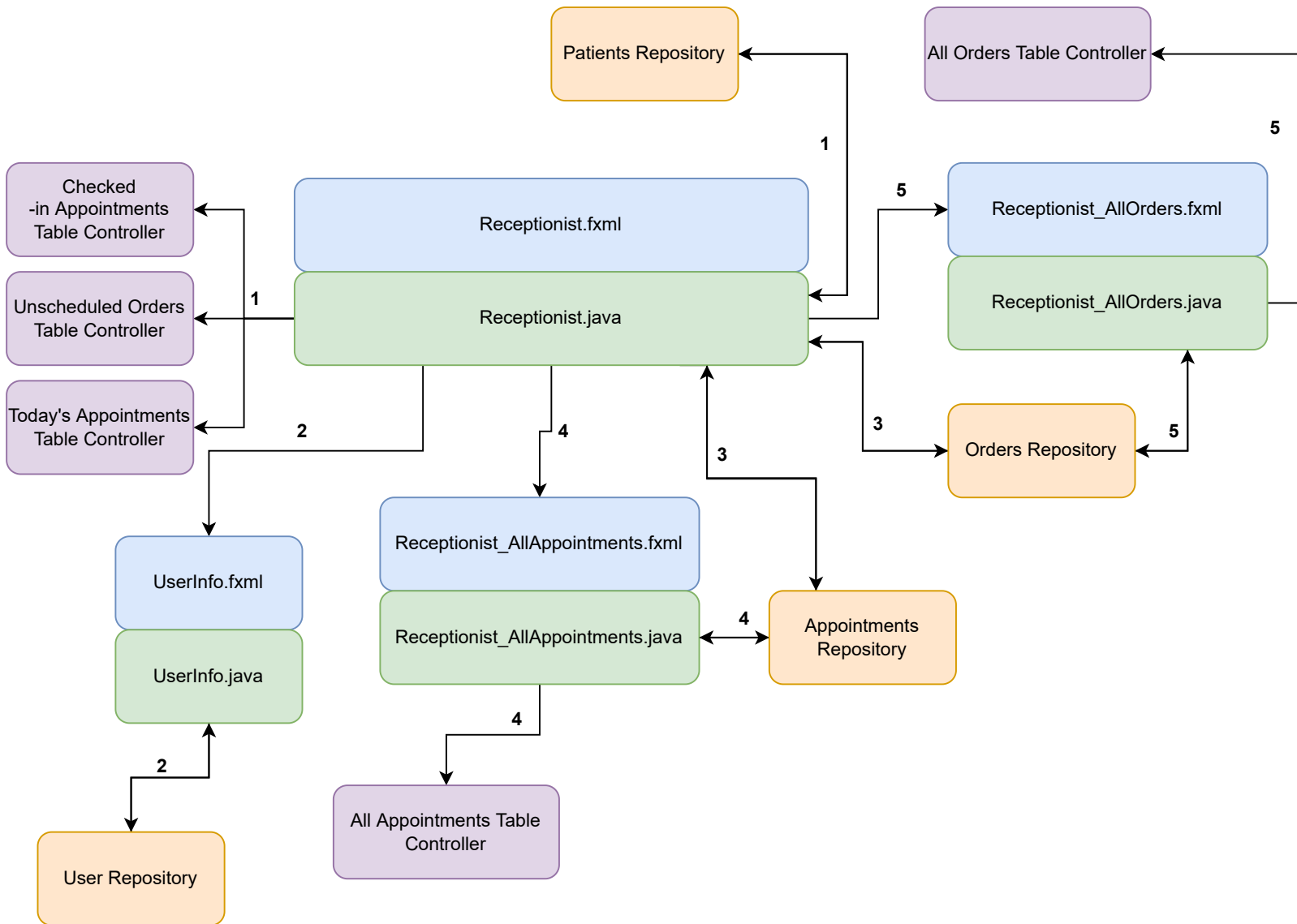
5. User redirected to role specific home page

REFERRAL_DOCTOR ARCHITECTURE



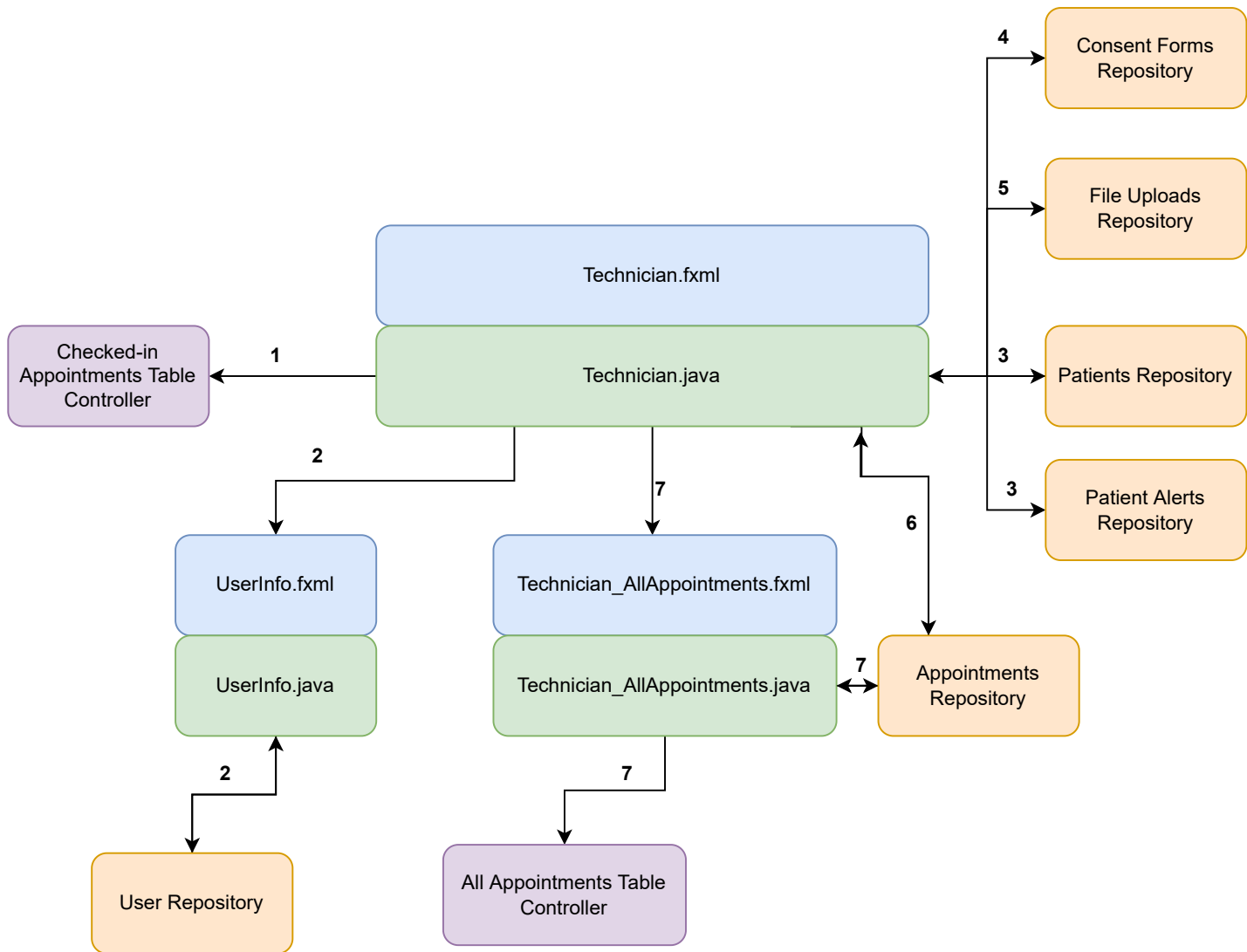
1. Tables on home page are populated
2. Redirect to and populate user info page with user credentials from database, allow for modification of user credentials
3. Redirect to and populate referrals page from database, allow for creation of new patients
4. Query database to create new order
5. Query database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

RECEPTIONIST ARCHITECTURE



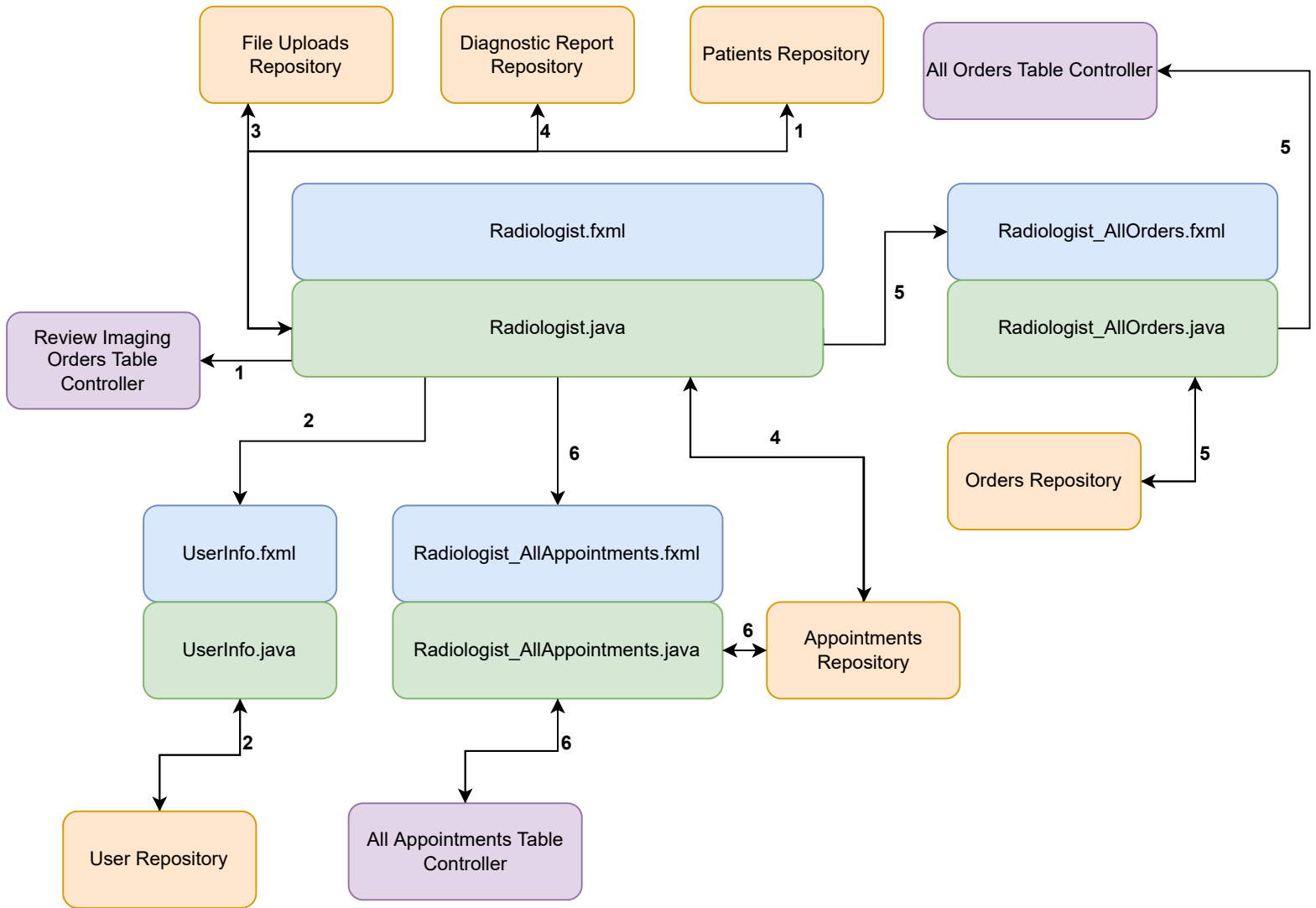
1. Tables on home page populate
2. Redirect to and populate user info from database, allow for modifying credentials
3. Query database to create appointments from orders and check appointments in
4. Redirect to all appointments page and query database to populate table
5. Redirect to all orders page and query database to populate table

TECHNICIAN ARCHITECTURE



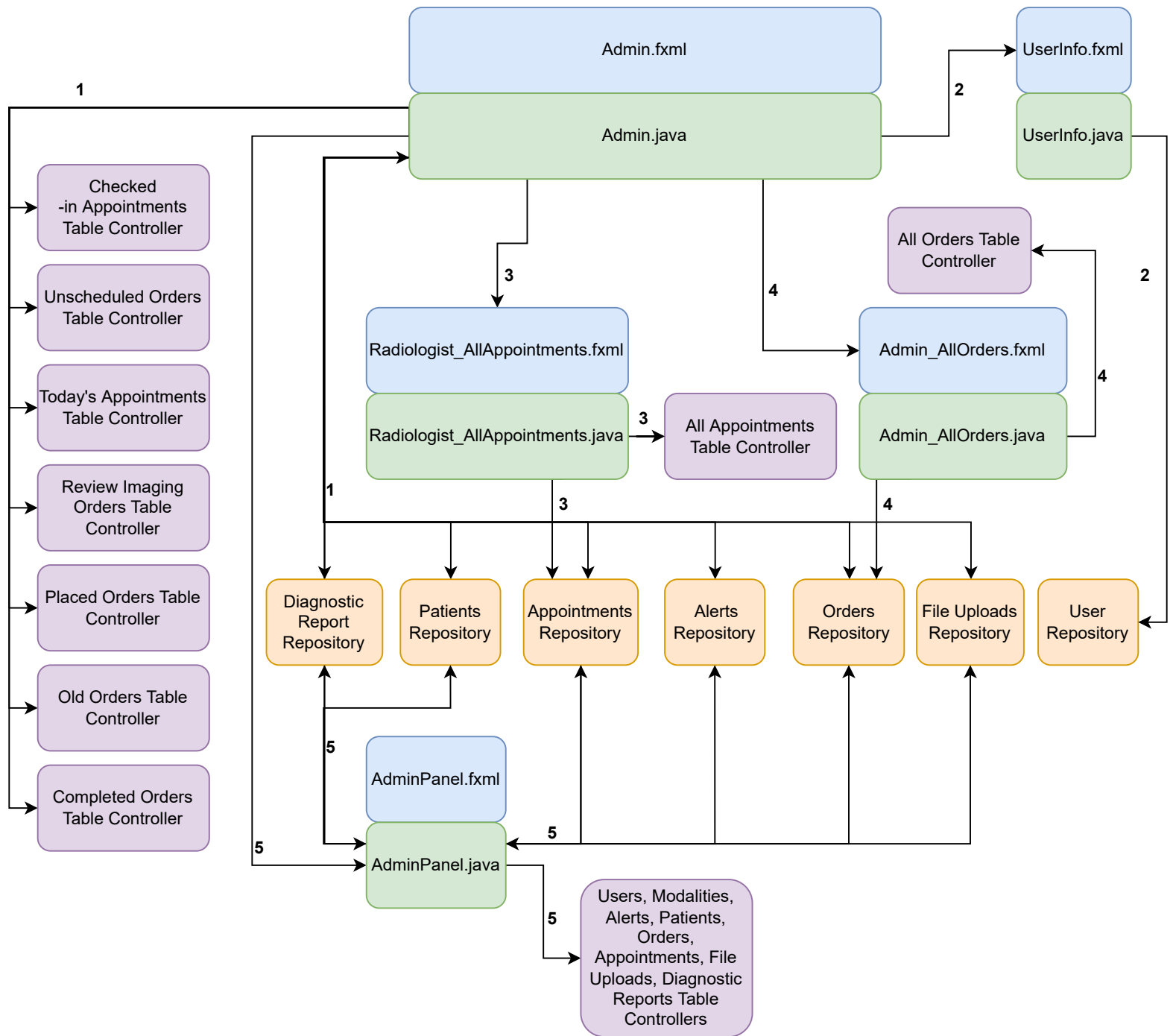
1. Tables on home page populate
2. Redirect to and populate user info from database, allow for modifying credentials
3. Query any patient alerts connected to patients from database
4. Upload consent form and add to database
5. Upload scan images and add to database
6. Query database to push appointment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

RADIOLOGIST ARCHITECTURE



1. Tables on home page populate
2. Redirect to and populate user info from database, allow for modifying credentials
3. Query database to view uploaded images
4. Write diagnostic report and query database to add report and complete order
5. Redirect to all orders page and query database to populate table
6. Redirect to all appointments page and query database to populate table

ADMIN ARCHITECTURE



1. Tables on home page populate
2. Redirect to and populate user info from database, allow for modifying credentials
3. Redirect to all orders page and query database to populate table
4. Redirect to all appointments page and query database to populate table
5. Redirect to admin panel and allow for creation or modification of users, modalities, alerts, patients, orders, appointments, file uploads, and diagnostic reports