

SEVENZ HEALTHCARE BACKEND DEVELOPER TEST

The screenshot displays the 'Update Patient Medical Record' interface. On the left is a sidebar with a 'Dashboard' header and links for Profile, Services, Medical Records, Care Wallet, Messages, Resources, Account Settings, Contact Support, and Logout. The top right of the main area contains a 'Take a tour' link, notification icons, and a user profile picture. The main content area is titled 'Update Patient Medical Record' with a subtitle 'Click the tabs to view and edit patient medical details'. It features four sections: 'X-Ray' with 16 checkboxes for various body parts; 'Ultrasound Scan' with 5 checkboxes; 'CT Scan' with a dropdown menu; and 'MRI' with a dropdown menu. A 'Save and Send' button is located at the bottom right of the form.

Update Patient Medical Record

Click the tabs to view and edit patient medical details

X-Ray

- ☐ Chest
- ☐ Cervical Vertebrae
- ☐ Thoracic Vertebrae
- ☐ Lumbar Vertebrae
- ☐ Lumbo Sacral Vertebrae
- ☐ Thoraco Lumbar Vertebrae
- ☐ Wrist Joint
- ☐ Thoracic Inlet
- ☐ Shoulder Joint
- ☐ Elbow Joint
- ☐ Knee Joint
- ☐ Sacro Iliac Joint
- ☐ Pelvic Joint
- ☐ Hip Joint
- ☐ Femoral
- ☐ Ankle
- ☐ Humerus
- ☐ Radius/Ulnar
- ☐ Foot
- ☐ Tibia/Fibula
- ☐ Fingers
- ☐ Toes

Ultrasound Scan

- ☐ Obstetric
- ☐ Abdominal
- ☐ Pelvis
- ☐ Prostate
- ☐ Breast
- ☐ Thyroid

CT Scan

*Specify

MRI

*Specify

Save and Send

1. Build a Laravel-based backend that will provide endpoints for the loading and submission of the above form. Your backend should have at least 2 endpoints - one GET endpoint to provide the laboratory tests (e.g. chest, cervical vertebrae, thoracic vertebrae) which will be displayed and one POST endpoint to handle the submitted data.

2. The submitted data should be sent in a structured email to peopleoperations@kompletecure.com, subject should be "{username} medical data". Include your name at the footer of the submission email.
3. Your endpoints should have authentication. Only authenticated users should have access to the endpoints. Implement using the "Authorization: Bearer {token}" header. Ensure you provide the auth token for use by the front-end developers.
4. Bonus: bonus points will be awarded if you can implement the same 2 endpoints in 1) above using Lighthouse-php GraphQL.
5. Create a new github repo, push the code there and send the link as your submission.
6. Submission is by email to peopleoperations@kompletecure.com. Specify the endpoints and the bearer auth token to be used for testing in your submission.
7. Submission deadline is on or before 12 noon on Monday 12th August, 2024.