

Final SRS Report On Capital Radiology - Online System for Magnetic Resonance Imaging (MRI) Lab



Contributor: Saroj Bhandari

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Project Purpose Statement

The Capital Radiology MRI Online System project intends to replace the current manual consultation system and provide a digital web-based platform for patients and healthcare providers to obtain MRI images and reports remotely. The purpose of this project is to advance digitisation, remove the need to visit the clinic, decrease costs incurred for the service provider, and create a more streamlined diagnostic process with online security.

Primary Project Goals

The system will establish a web portal allowing clients or administrators to upload MRI images, providing doctors with an online view and analysis forum for its use, and for relaying reports in consistent fair digital format back to clients. With this alternative approach and no travel, waiting time, or paper piles to contend with, the healthcare provider community can deliver recommendations for diagnosis and results, all through internet-based consultation with patients. The web portal will provide secure authentication processes, saving MRI images with then comprehensive history, structured reports, and prescription upload for delivery to clients.

Strategic Business Alignment

This project responds to Capital Radiology's strategic requirement for modernization in healthcare delivery through the implementation of a simple to use, secure web portal to make the MRI scan and reporting experience seamless. The online patient consultation workflow will enable patients to access medical imaging, improve operational efficiency, and comply with healthcare data protection regulations. Capital Radiology's online access will demonstrate a technology-first approach to healthcare while not sacrificing patient care or medical service delivery in their health service delivery.

Expected Organizational Impact

Adoption of the MRI Online System will allow Capital Radiology to serve more patients efficiently and lower administrative costs, while providing an enhanced patient experience with easy and convenient remote access to medical services. The digital platform will be a key driver of sustainable business success, whilst also ensuring secure and compliant handling of sensitive medical information, and upheld standards of professional healthcare delivery.