

# CRUD Technique Analysis for Health Information Network (HIN)

## 1. Scope

The CRUD analysis for this project encompasses core entities of the HIN system, including but not limited to Patient Accounts, Appointments, Medical Records, Insurance Records, Emergency Contacts, Prescriptions, Reports, Billing, and User Accounts. Each use case associated with these entities is examined to confirm that it meets the functional requirements related to creating, reading, updating, and deleting records within the system. This analysis primarily focuses on interactions involving patients, healthcare providers, system administrators, government regulators, insurance companies.

## 2. Table of Contents

Domain Class	C	R	U	D
Patient	Register New Patient	View Patient Information	Update Patient Information	Delete Patient Account
Health Provider	Add New Health Provider, Write Medical Reports	View Health Provider Information	Update Health Provider Information, Update Health Records	Remove Health Provider
Appointment	Schedule New Appointment	View Appointment Details	N/A	Remove Appointment
Caregiver	Add Emergency Contact	View Emergency Contact Details	Update Emergency Contact Information	Remove Emergency Contact
Government Regulator	Run Custom Reports	Track System Usage	Reschedule Appointment	Cancel Appointment
Medical Record	Add New Medical Record	View Medical History	Update Medical Record	Remove Outdated Medical Record
Insurance	Add Insurance Information	View Insurance Details	Update Insurance Information	Remove Insurance Information