

Relatient Interpretive Schedule Creator (RISC)

Key Features

- **Schedule Template Generation:** Generation of schedule templates that provide time slots for each type of doctor visit.

- **HL7 Compliant:** "For the exchange, integration, compatibility, and retrieval of electronic health info."

- **Dynamo DB Integration:** This service will store all necessary data in Dynamo DB. Also, when information in the database is updated, relevant stored information will also be updated.

- **JSON Easily Accessible:** The schedule templates will be available to a Relatient employee in the JSON format at the call of an API.

Customer

Relatient assists healthcare organizations with patient-centered engagement. By helping organizations automate patient-centered outreach and messaging, they help practices, hospitals and health systems facilitate more compliant, and ultimately healthier, patient populations.

Relatient needs a predictive model generated from a database of Attributes corresponding to a Medical Professional's history of patient schedules to predict future schedules and thus save person power.

Elevator Pitch

For professionals in the medical field who need a reliable means of communicating schedules with patients and other professionals. RISC (Relatient Interpretive Schedule Creator) is a predictive learning schedule generator that will generate schedules from previous scheduling patterns of medical professionals, which will result in much easier appointment creation. Unlike other HL7-related products, The Product will allow patients to create appointments that easily fit within the professional's schedule based off of appointment type, patient information, and other relevant information.

Team Members

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Clients

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MockUp

The mockups illustrate the user interface for creating appointments. The first screenshot shows the initial form with required fields for provider and hospital information, and appointment scheduling. The second screenshot shows the form populated with example data for 'John Doe' at 'Cookeville Medical'. The third screenshot shows a calendar view for December 2018, with a 'Check Up' appointment confirmed for December 10th at 2:00 pm.