# UDM EXTENSIONS TO THE CLAIMS MODEL

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The following three logical data models show some of the extensions UDM brings to the healthcare data modeling industry. There are many other models we will bring to bear, but we only show the following three models to illustrate how we can assist Innovaccer in achieving its data management objectives with advanced data modeling patterns that are time-tested and battle-hardened to resolve the very data challenges you are facing today. You are not the first company facing these same issues.
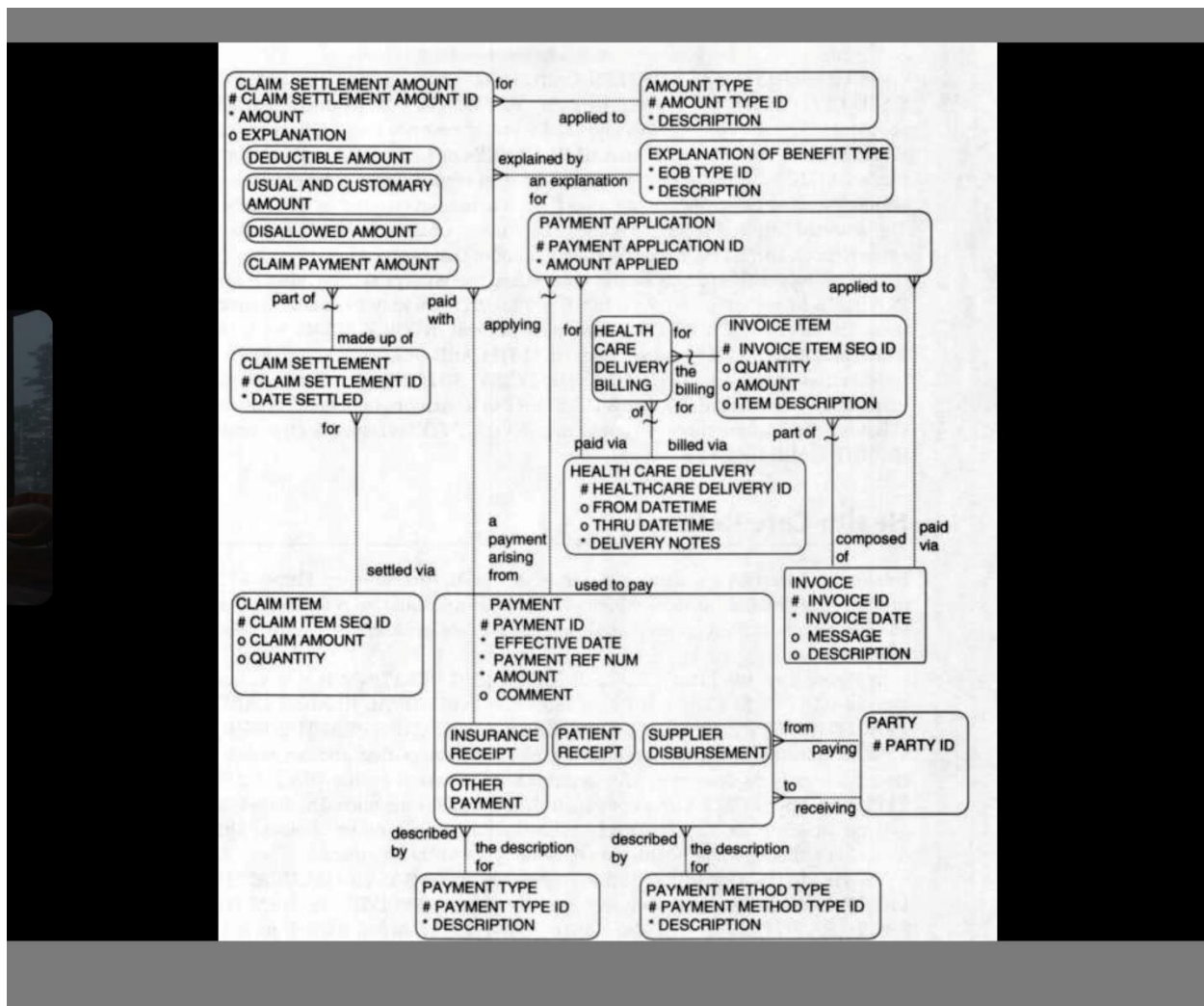
UDM Claims

To avoid clutter, we are not showing the depth and breadth of some of the important patterns that are built into this model, such as a status pattern that combines a categorization pattern that is capable of categorizing and tracking statuses for virtually any industry, including healthcare.
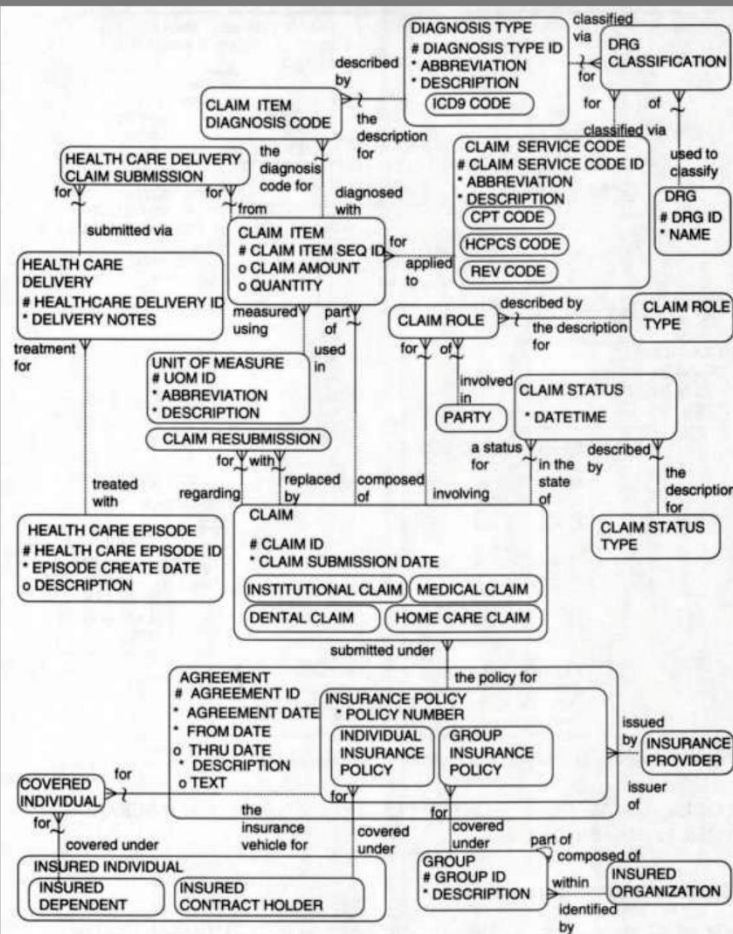
UDM Payments

Here you can see an expanded model to handle the many iterations and scenarios of healthcare claims payments, starting with settlements, and adding the capability that the payment application entity brings, combined with links to invoicing and handling person roles that allow for multiple parties under different personas splitting payments across multiple claims, among other flexible data structures.

UDM Data Mart

Finally, here we see a possible claims data mart that could serve as a solid starting point for a claims data mart that integrates many sources via UDM, consolidating a single view with a dashboard that sources out of this data mart.
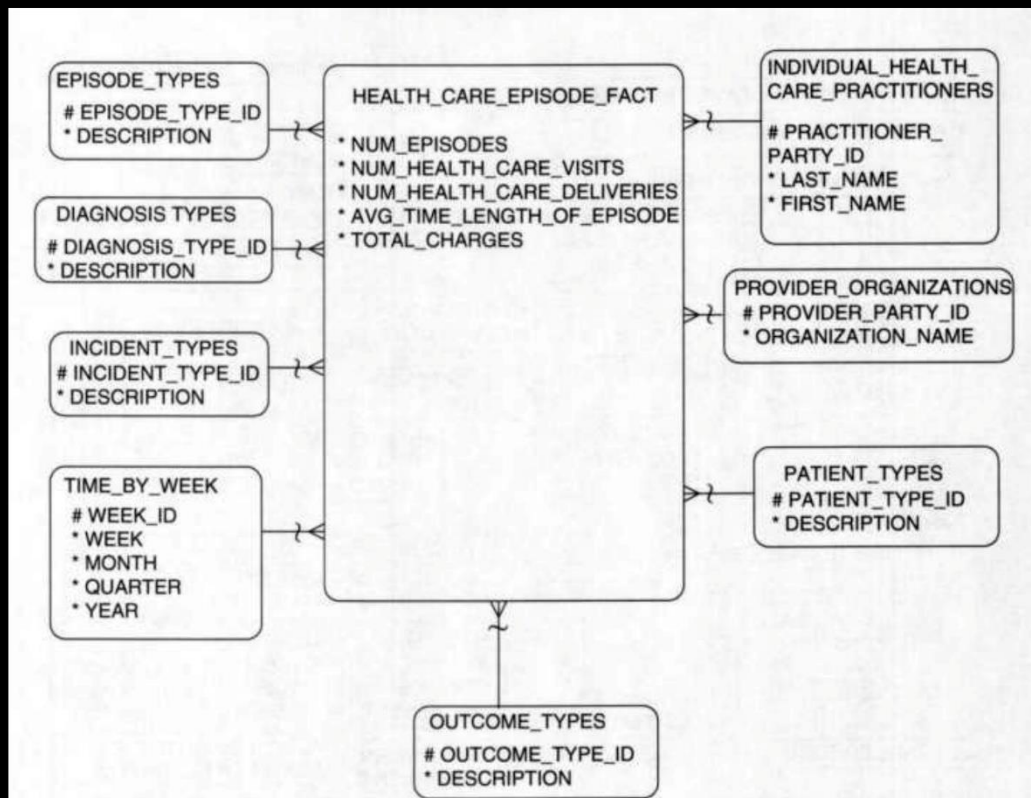
UDM Core

Here is a general view of the core UDM healthcare model. This would be the starting point from where we would adjust to meet specific business requirements.

DIAGNOSIS TYPE

CLAIM ITEM DIAGNOSIS CODE

CLAIM SERVICE CODE

CLAIM SETTLEMENT AMOUNT

PRACTITIONER DIAGNOSIS

DIAGNOSIS TREATMENT

HEALTH CARE DELIVERY CLAIM SUBMISSION

CLAIM ITEM

CLAIM SETTLEMENT

CLAIM RESUBMISSION

CLAIM STATUS

DIAGNOSIS

CLAIM

PAYMENT

HEATH CARE DELIVERY ASSOCIATION

CERTIFICATION STATUS

CERTIFICATION REQUIREMENT

CERTIFICATION TYPE

DELIVERY OUTCOME

HEALTH CARE DELIVERY ROLE

CATEGORY OFFERING

HEALTH CARE CATEGORY

EPISODE OUTCOME

HEALTH CARE OFFERING COMPOSITION

INVENTORY ITEM

HEALTH CARE DELIVERY

HEALTH CARE OFFERING

VISIT REASON

INVOICE

PAYMENT APPLICATION

SYMPTOM

AGREEMENT

PATIENT PROVIDER AGREEMENT

PROVIDER NETWORK AGREEMENT

INSURANCE POLICY

HEALTH CARE EPISODE

PROVIDER OFFERING

EMPLOYMENT AGREEMENT

PURCHASE AGREEMENT

OTHER AGREEMENT

HEALTH CARE VISIT

LICENSE # LICENSE ID

MEDICAL CONDITION

INCIDENT

HEALTH CARE REFERRAL

PHYSICAL CHARACTERISTIC

HEALTH CARE VISIT STATUS

PARTY QUALIFICATION

PARTY ROLE

HEALTH CARE PROVIDER ORGANIZATION

INDIVIDUAL HEALTH CARE PRACTITIONER

PARTY RELATIONSHIP # FROM DATE

PARTY FACILITY

PATIENT

PARTY SKILL

FACILITY # FACILITY ID

PARTY RELATIONSHIP TYPE

HOSPITAL

FLOOR

MEDICAL BUILDING

CLINIC

MEDICAL OFFICE

ROOM

AMBULATORY SURGERY CENTER

PARTY ROLE TYPE

PARTY