SOA Services Modeling

SOA Use Case Scenario

1. Patient Care Referral Scenario
   1. Actors
      1. Actors
         1. Patient
         2. Primary Care Physician (PCP)
         3. Specialist
         4. Care team members
         5. Invoking App
      2. Services
         1. Scheduling Services
         2. Unified Communications Service
         3. Health Services Directory
         4. ID Management Service
         5. Data Management Services
         6. Clinical Decision Support Services
         7. Order Management Services
         8. Record Locator Service
         9. Data Mapping and Transform Service
         10. Care Coordination Services
      3. Gaps
         1. ID Management service doesn’t currently exist in the RA. When we were modeling this scenario, we realized that there was no service which allowed for entering new data or updating data. Suggest extending Data Retrieval Service to include all aspects of data management.
         2. There is no existing service which covers the management of things like who is the patient’s PCP.
   2. Scenario Description
      1. Patient presents with new symptoms.
      2. Patient makes an appointment with the PCP.
      3. PCP evaluates patient and determines a need to bring in a specialist.
      4. PCP creates referral/order.
      5. Patient makes an appointment is with the specialist.
      6. Patient sees specialist.
      7. Specialist creates care plan and determines care team.
      8. Follow-up appointment created.
   3. Sequence Diagrams





