

# HIPAA Claims Processing Healthcare



## 1 Business Challenge

As we engage with various trading partners that have different business rules associated with each Trading Partner, the optimized approach will be for a business analyst to define the business process for claim processing involving the multiple business rules. Moreover, depending on the trading partner the criteria for accepting or rejecting the claims differs. Instead of baking all this logic into the implementation, the idea is to separate process definition from implementation details.

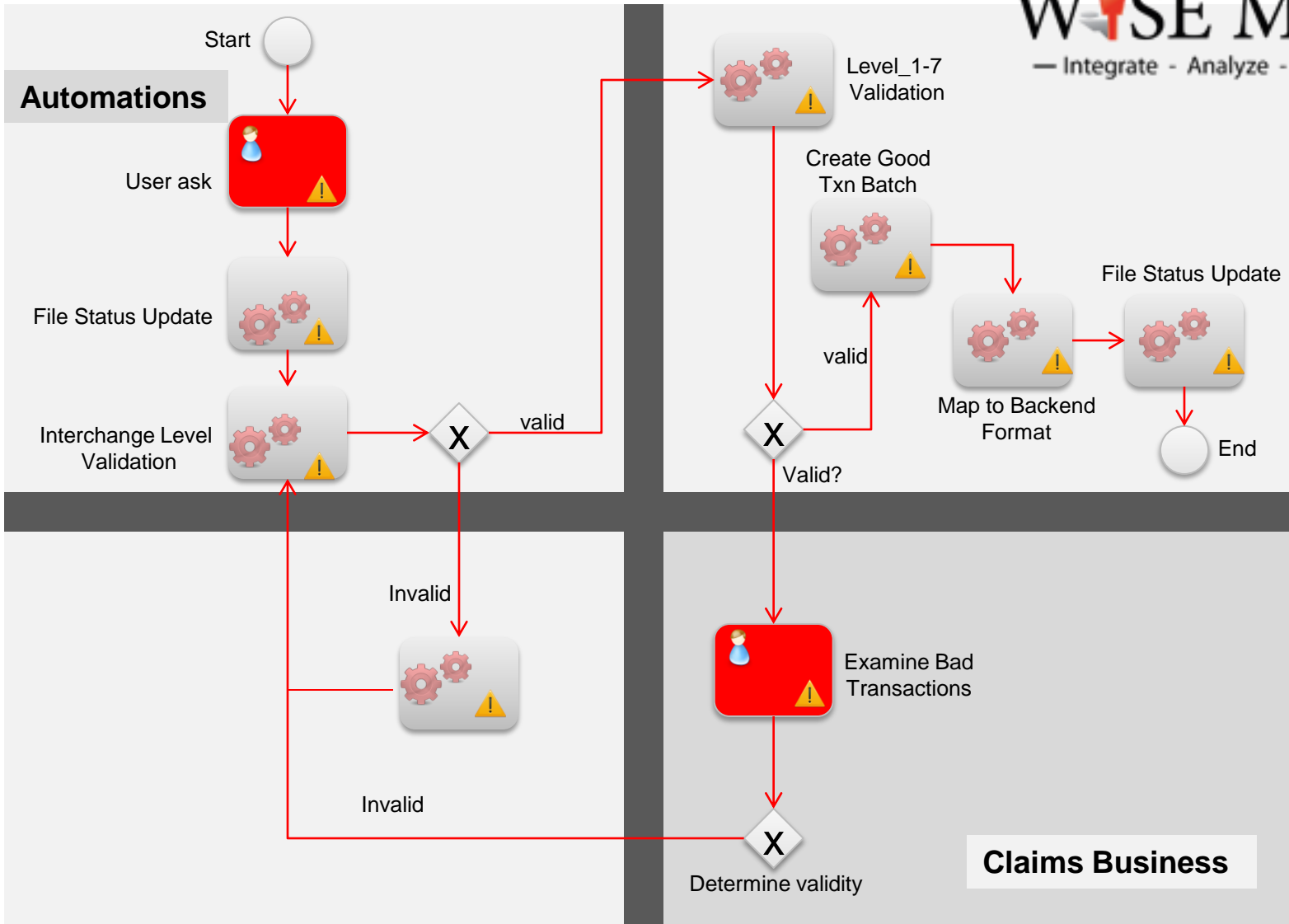
## 2 Solution

The process is represented as a BPMN model by the business analyst. Manage HIPAA documents. Depending on the trading partner, perform HIPAA Level 1-7 validation. If the validation fails, send a -ve 997 to the partner. Update the file status with details in the internal tracking system. If the validation is successful/partially, invoke a separate process to combine the good transactions and bad transactions into two separate batches. Update file statuses & transaction count by type. Update backend systems

## 3 Results & References

Representing this as a process model in BPMN, we helped process developers to add the implementation details to BPMN itself rather than creating a separate implementation using BPEL. This approach solved the problem of keeping in sync with the process model and the implementation for the changes in future.

# HIPAA Claims Processing - Healthcare



# Additional References



About Wisemen –

- 📍 **US-based WMBE**
- 📍 **Established in 1997**
- 📍 **Technology & Supply Chain Solutions**
- 📍 **GHQ - Houston, Texas, US**
- 📍 **India, Hyderabad**  
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