Communication/CommunicationRequest referring to ClaimItem

Case

The HIC can submit the CommunicationRequest seeking additional information from the HCP.

The HCP can send a Communication to the HIC to provide more context on the claim, either as a response to a CommunicationRequest or just a Communication.

Challenge

The Communication and CommunicationRequest are currently being sent on the claim level, HIC & HCP are not able to specify to which claim item this Communication/CommunicationRequest is submitted.

Suggested Solution:

Add an optional extension as Claim item sequence in the CommunicationRequest and Communication so the entities will be able to link the requested or communicated information to a specific claim item.

Communication Profile:

Field	Description	Min	Max	Data Type
Communication.payload.extension.ClaimItemSequence	A number to identify/ link the communicated information to a specific claim item.	0	1	positiveInt

CommunicationRequest Profile:

Field	Description	Min	Max	Data Type
CommunicationRequest. payload.extension.claimItemSequence	A number to identify/ link the requested information to a specific claim item.	0	1	positiveInt

• extension-ClaimItemSequence is optional and used when needed

Below is payload example:

```
{
  "extension": [
  {
        "url": "http://nphies.sa/fhir/ksa/nphies-fs/StructureDefinition/extension-claimItemSequence",
        "valuePositiveInt": 1
  }
],
"contentString": "X-Ray report supporting the full crown metallic indirect (618) service"
                                    }
```

URL

Same extension will be used in both resources Communication & CommunicationRequest:

http://nphies.sa/fhir/ksa/nphies-fs/StructureDefinition/extension-ClaimItemSequence

BRVR
- In Communication and CommunicationRequest : the extension-ClaimItemSequence Shall be a valid Claim.item.sequence from the Claim referred to in the .**about field**.
- The data type validation: The element SHALL have a valid Data Type as per the nphies message profiles