SOA SERVICES
Technical - Overview

Integration Team

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AGENDA
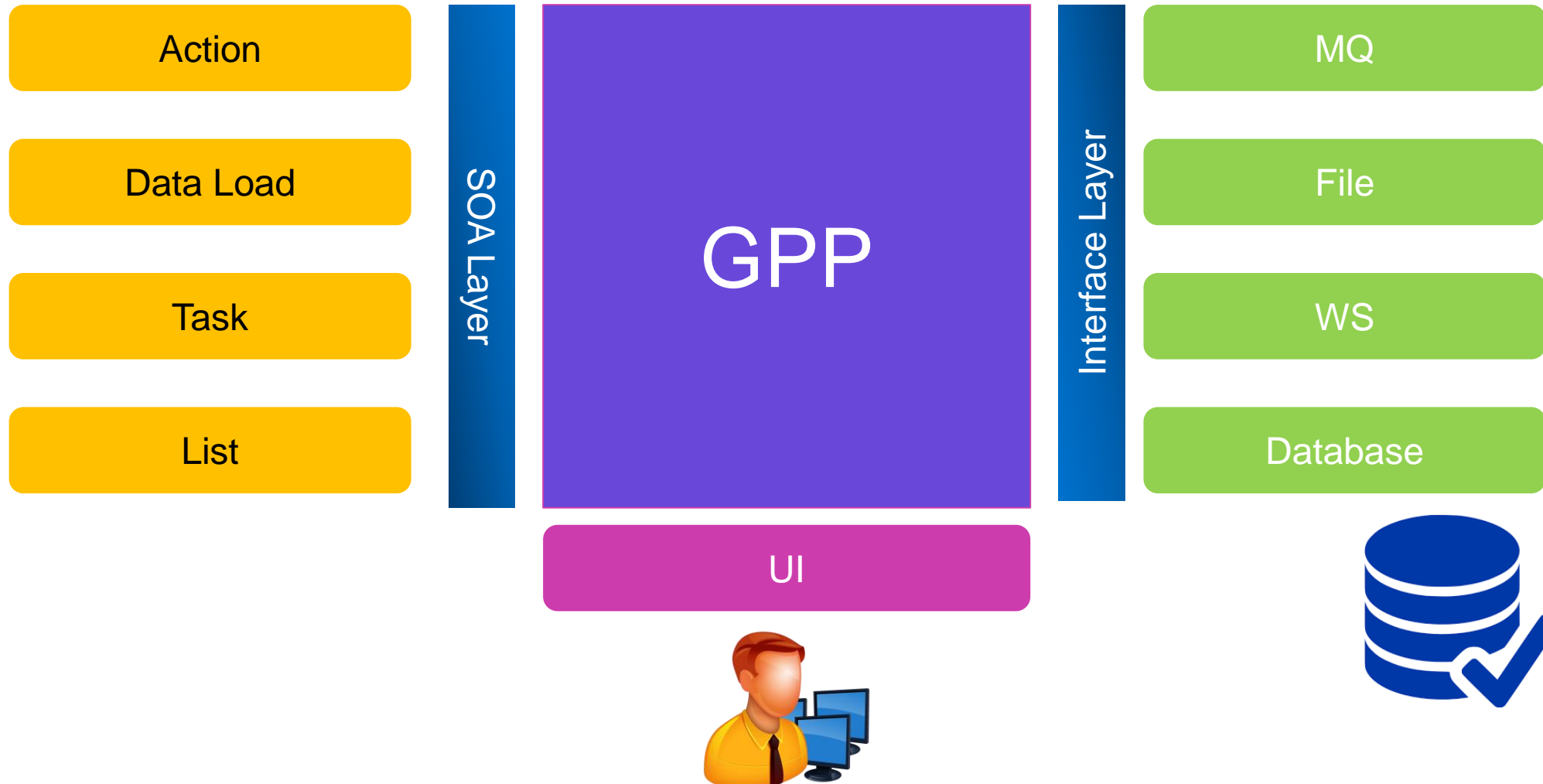
❯ Overview

❯ SOA Overview

❯ Logical Fields

❯ Payment Data Object (aka PDO)

❯ Samples

"

GPP leverage Service-Oriented Architecture (SOA). Each service is an unassociated, self-supporting functionality. A business flow of messages is a cluster of services set in a predefined order which provide GPP's range of functionality **"**

GPP SOA List of Services – Technical Guide
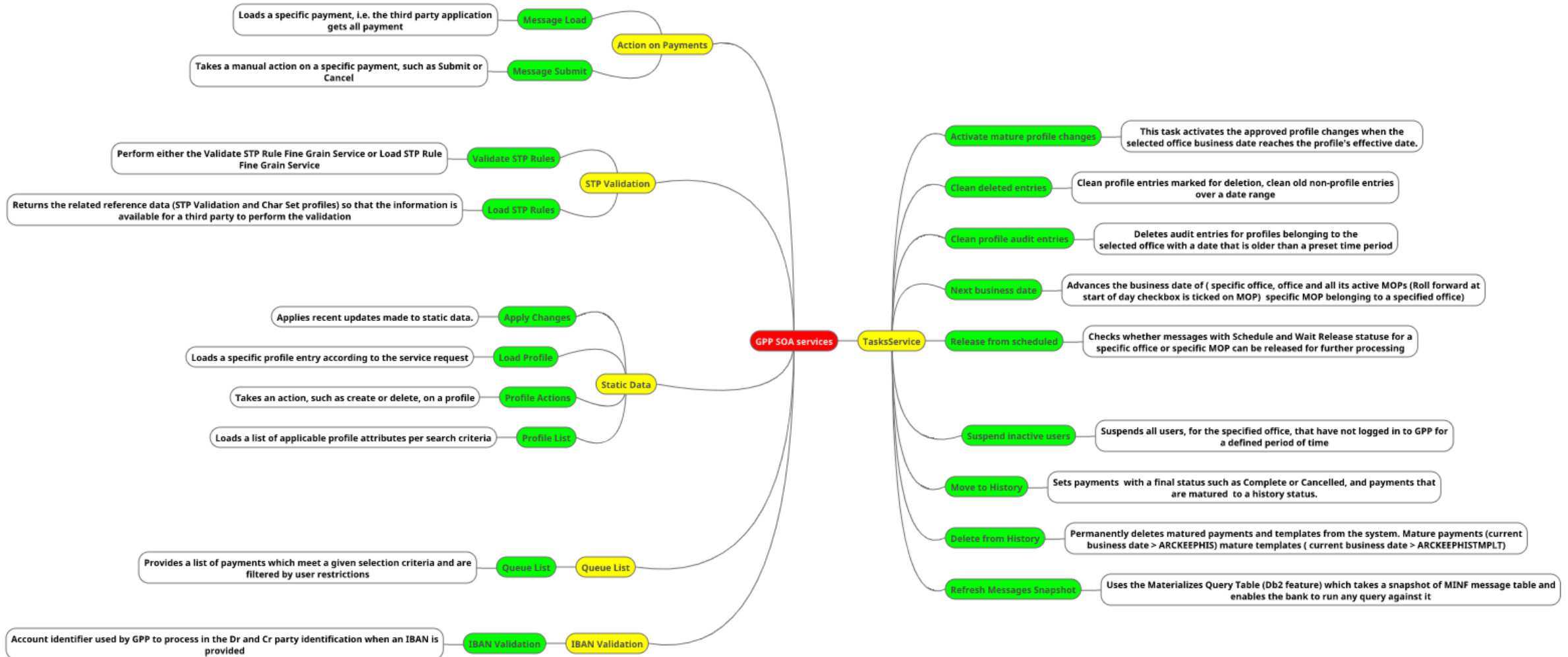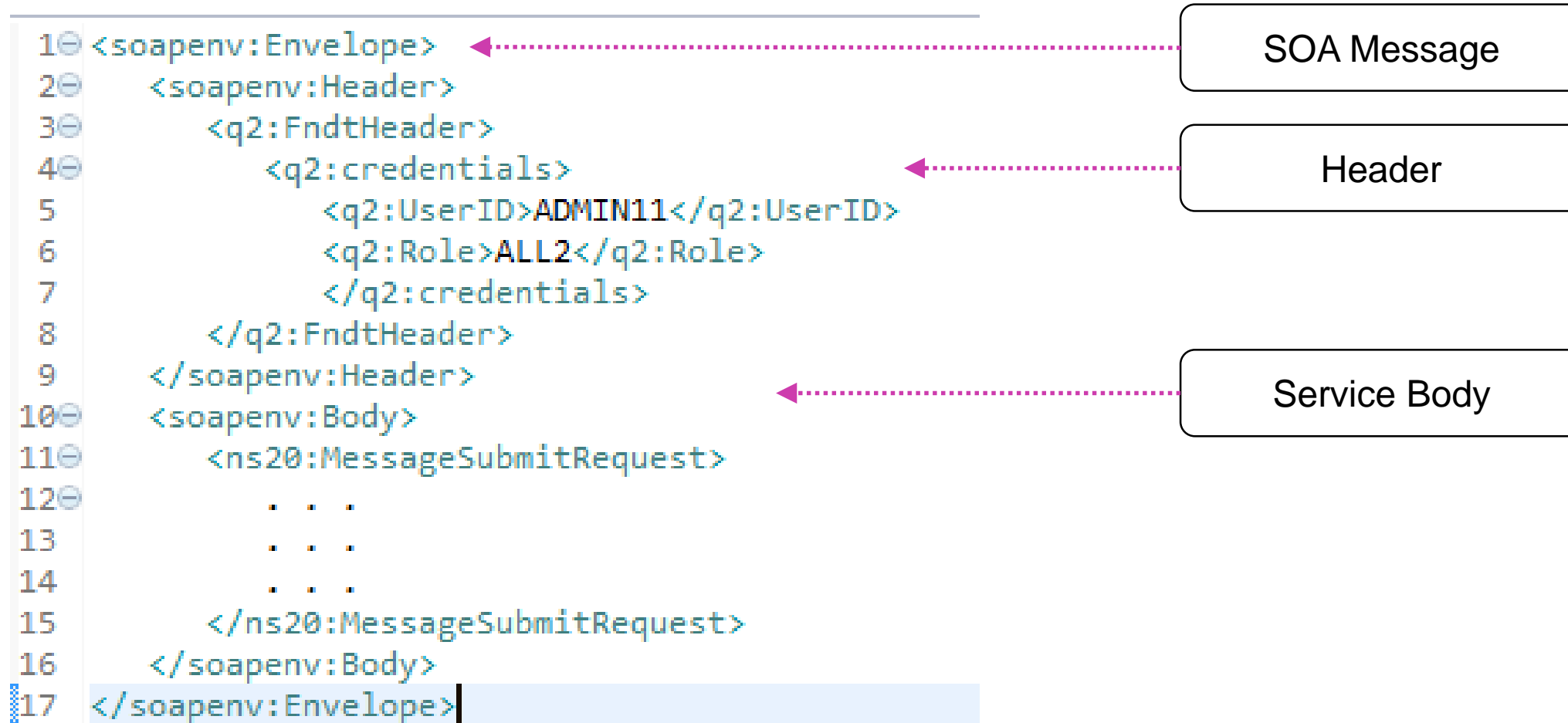
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SOA OVERVIEW

SOA SPECIFICATIONS

> Protocol – SOAP over HTTP

> Format – XML

> Transactional

> Authorization Based

> Specifications provided in WSDL format

> Can be consumed by any client application

SOA SERVICES

SOA- EXAMPLE

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```
 1⊖ <soapenv:Envelope>
 2⊖    <soapenv:Header>
 3⊖       <q2:FndtHeader>
 4⊖          <q2:credentials>
 5                <q2:UserID>ADMIN11</q2:UserID>
 6                <q2:Role>ALL2</q2:Role>
 7             </q2:credentials>
 8          </q2:FndtHeader>
 9       </soapenv:Header>
10⊖    <soapenv:Body>
11⊖       <ns20:MessageSubmitRequest>
12⊖             .  .  .
13                .  .  .
14                .  .  .
15          </ns20:MessageSubmitRequest>
16       </soapenv:Body>
17 </soapenv:Envelope>
```

SOA Message

Header

Service Body

Thank you

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