Service Composition for Scheduling Spa Services

The initial service compositions required for the Spa Scheduling Application have been developed using the service specification, business process models, and use cases. These compositions utilize the services and their operations identified in the service specification and are designed to align with the process structure and logic of the application.

The service compositions for the Booking Spa Appointment and Process Payment use cases were developed using manual tools such as PowerPoint, paper, and pen.

Process Payment

Process Payment
- Check for total Amount
- Capture Credit card details
- Validate Credit card details
- Make purchase
- Charge Credit card
- Send payment confirmation

Purchase
- Compute Amount
- Add
- Update
- Get

Payment
- Authorize
- Add
- Get

Confirmation
- Add
- Make Email confirmation
- Send Email confirmation
- Get

Patron Account
- Check
- Status
- Add
- Validate Data
- Update
- Get

Credit card
- Check CCNO
- Check Expired
- Check Type
- Add
- Update
- Get

Payment Processor
- Authorize Charge

Mail
- Send Invoice