

ThoughtWorks®	<b>TW-MERCHANT-GALAXY-CHAGENLLE</b>	Réf:
	<b>APPLICATION ARCHITECTURE</b>	Date:01/04/2019

Validation					
Author		Controller		Approver	
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## Document History

Version	Date	Version Details

## Participants

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Company	Name	ID	Role	Present
ThoughtWorks	Rafael S Almeida		Solution Architect   Tech Leader	0

### 1. Objective

The objective of this document to bring a vision about the architecture for this application TW-Merchant-Galaxy-Changelle and server as a reference to change in the future.

### 2. Introduction

For developing the application we need to choose the stack of technology that we will use and provide a high-level design architecture to understand the business scenarios

### 3. Desing Architecuture

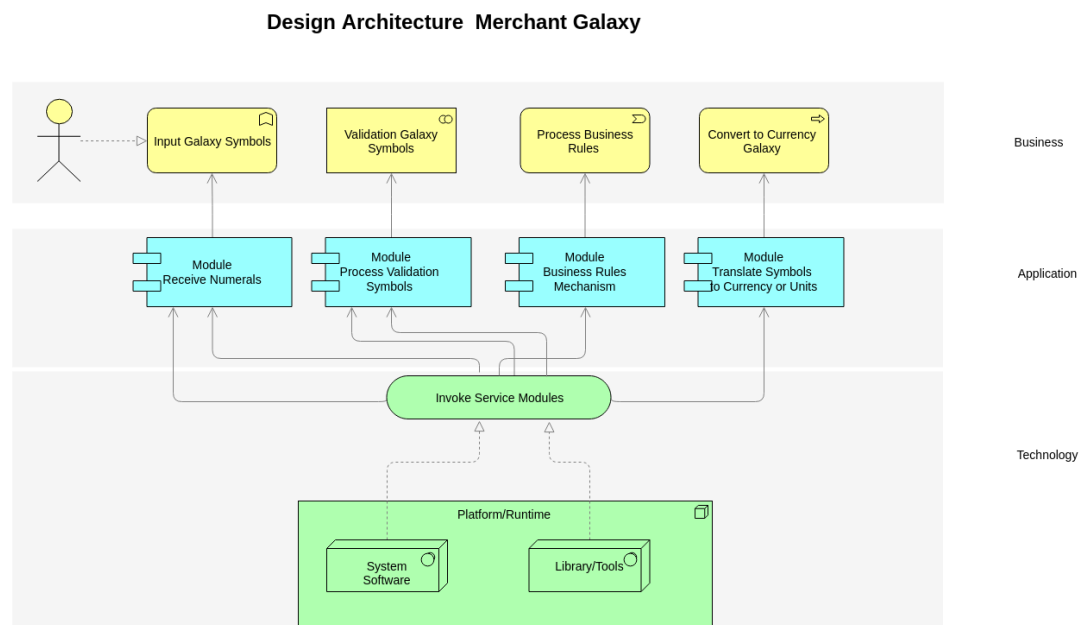
The architecture was defined in three areas as below:

- Business

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- Application
- Technology

For each area, I have structured different views in order to cover all the scenarios in the business.



#### 4. Approach to Implement the Architecture

For this implementation this architecture and think to improve some parts of this application I have decided to implement some commons pattern and structure in the project, follow some patterns:

- Service
- Convert
- Validation
- Helper
- Strategy
- Facade
- TDD - Test Domain Design
- DDD - Domain Drive Design

See the Class Diagram with the most of objects class that was created in the application

