

# Business Process Engineering



## Assignment 02

## GROUP NUMBER: P-2

## GROUP MEMBERS (REG. NO. AND NAMES)

- |                      |          |
|----------------------|----------|
| 1. Abdullah Arif     | 20i-1762 |
| 2. Daniyal Khan      | 20i-1847 |
| 3. Ayesha Ahmed      | 20i-2424 |
| 4. Muhammad Usman    | 20i-2602 |
| 5. Mahad Rahat       | 20i-1808 |
| 6. Syed Muhammad Ali | 20i-2303 |
| 7. Ali Hamza         | 20i-1881 |
| 8. Ehsan Rasul       | 20i-1812 |
| 9. Tayyba Saveera    | 20i-2314 |
| 10. Khadija Mehmood  | 20i-0970 |
| 11. Abdullah Malik   | 20i-0930 |

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# JOB TAGGING SHEET

- Name of the group leader: Abdullah Arif
- Total number of activities identified as part of assignment 02
- Workload of each group member, i.e., number of activities assigned to each group member
- The date of identifying activities
- The date of assigning activities to the group members

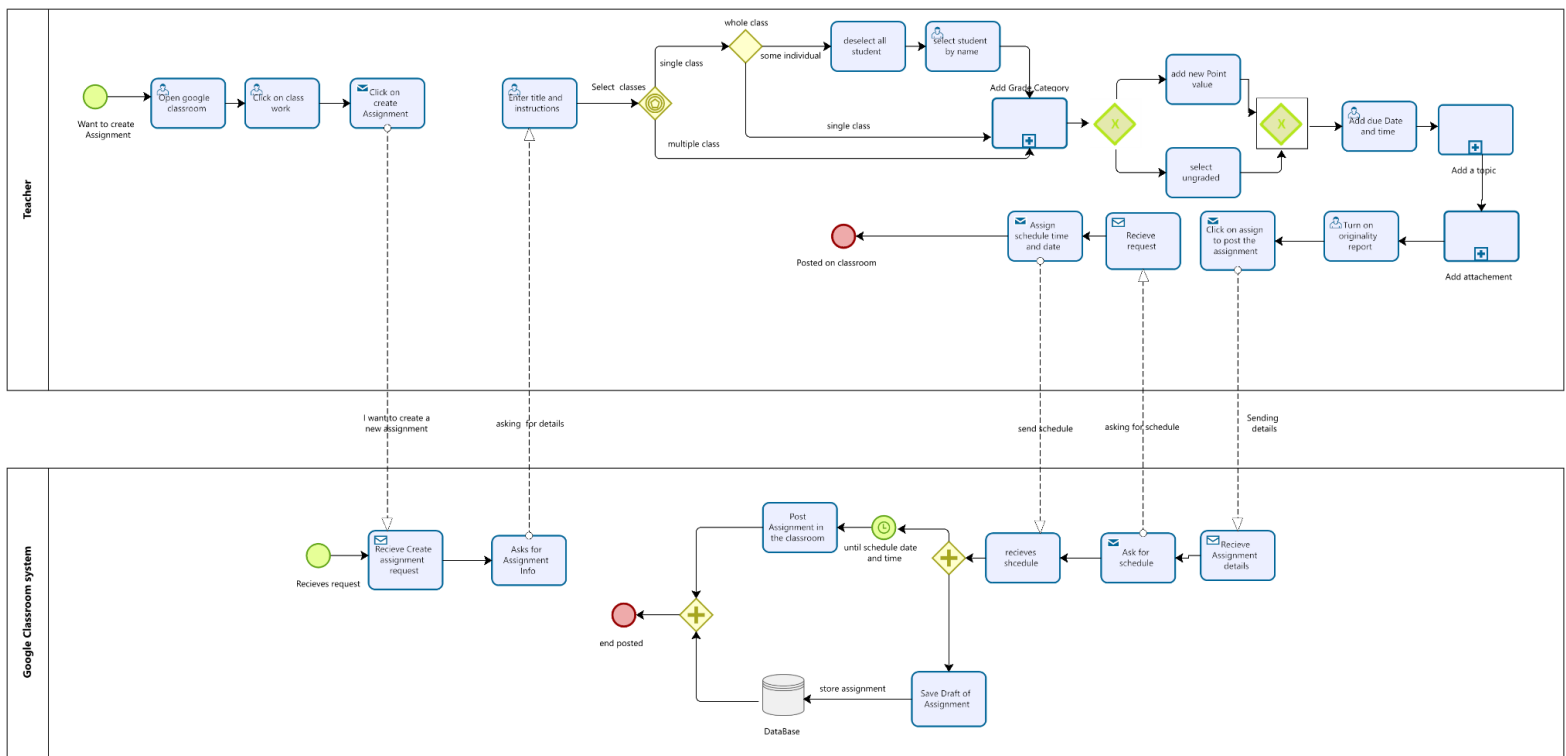
## INFORMATION SYSTEMS PROCESSES

### SELECTED INFORMATION SYSTEMS

**The dates should match with the dates mentioned in the tagging sheet.**

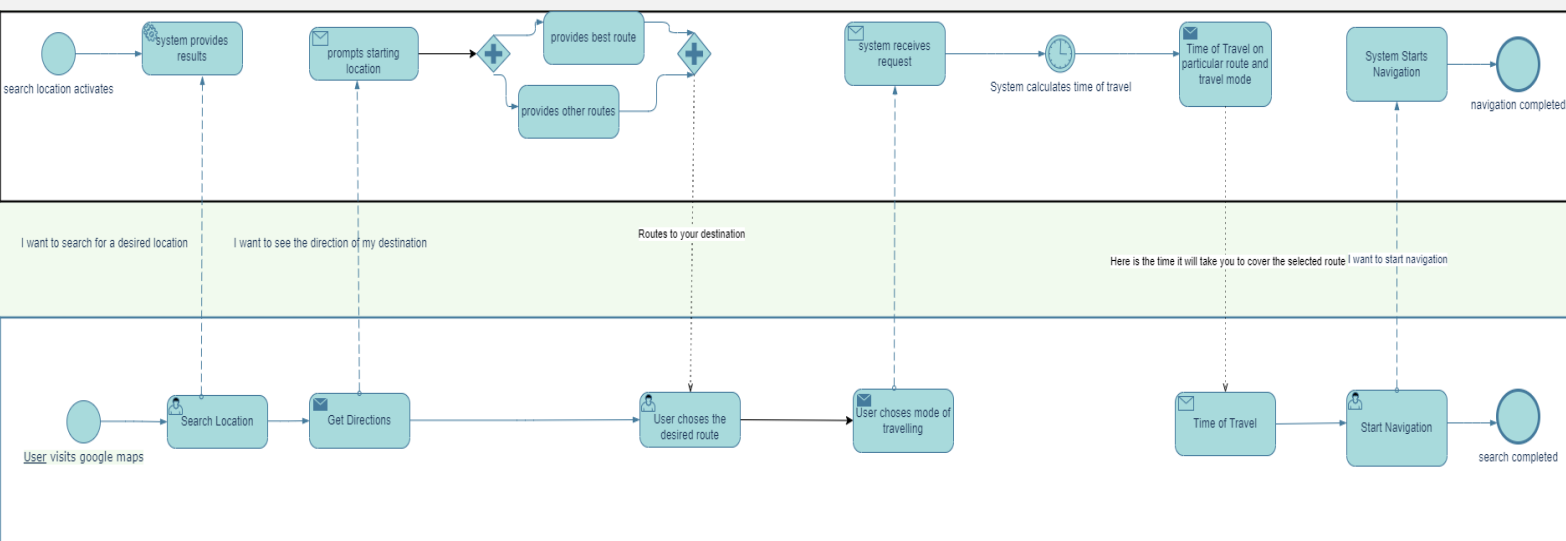
Sr.	Name of the Information System	Assigned group members	Date on which it was assigned to group members	Date on which the work started on the system
1	Google Maps	Usman, Mahad, Abdullah Arif	1st May, 2022	4th May, 2022
2	Google Classroom	Ayesha, Daniyal	1st May, 2022	4th May, 2022
3	Alfa	Tayyba, Khadija	1st May, 2022	4th May, 2022
4	Daraz	Hamza, Abdullah Malik	1st May, 2022	4th May, 2022
5	RX30	Ehsan, Muhammad Ali	1st May, 2022	4th May, 2022

## 1. BPMN MODEL OF CREATE ASSIGNMENT OF GOOGLE CLASSROOM

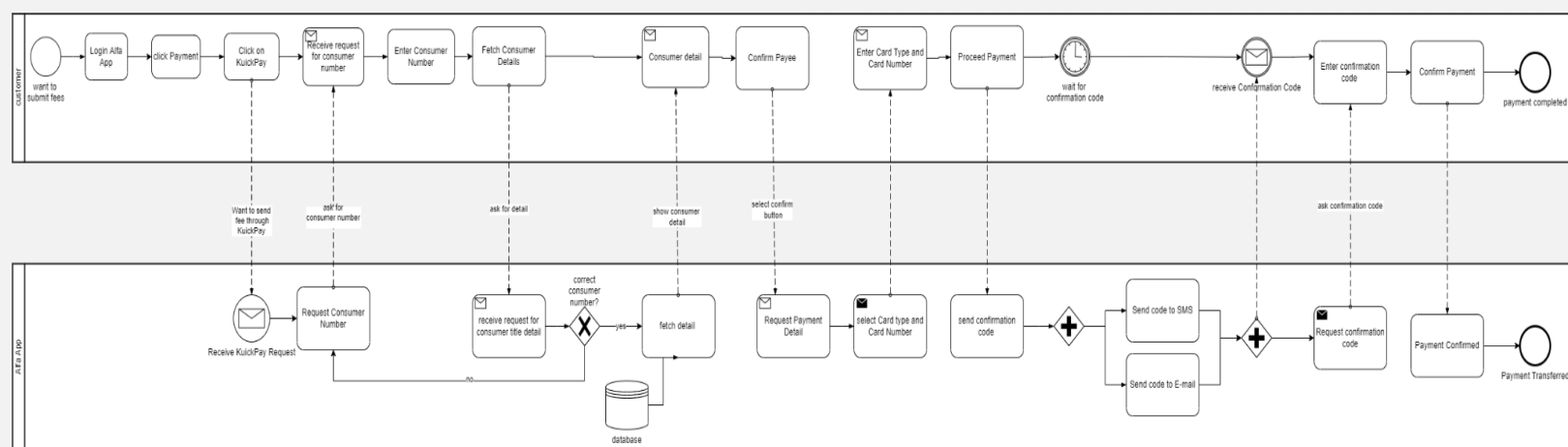


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Modeler

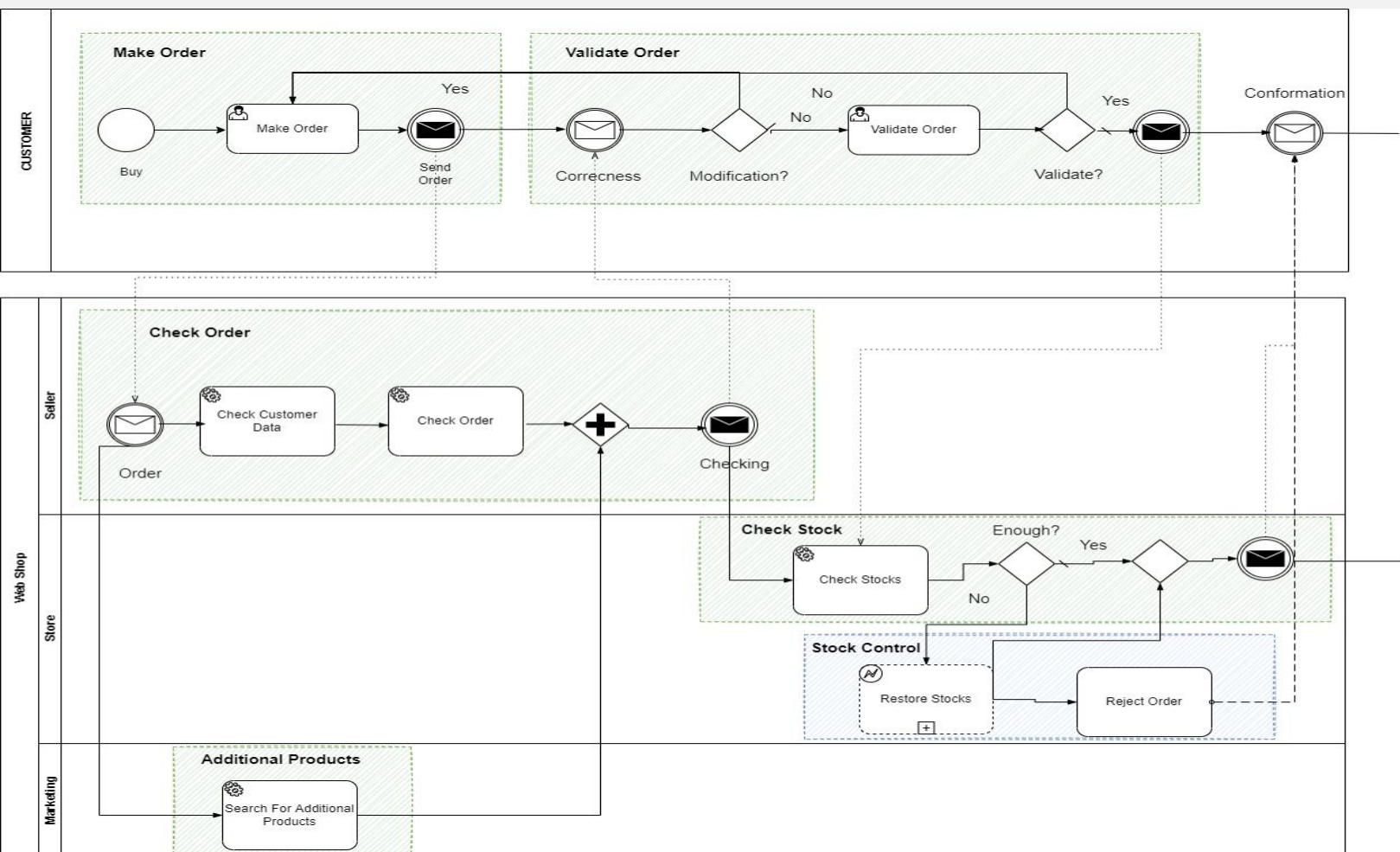
## 2. BPMN MODEL OF NAVIGATION OF GOOGLE MAPS



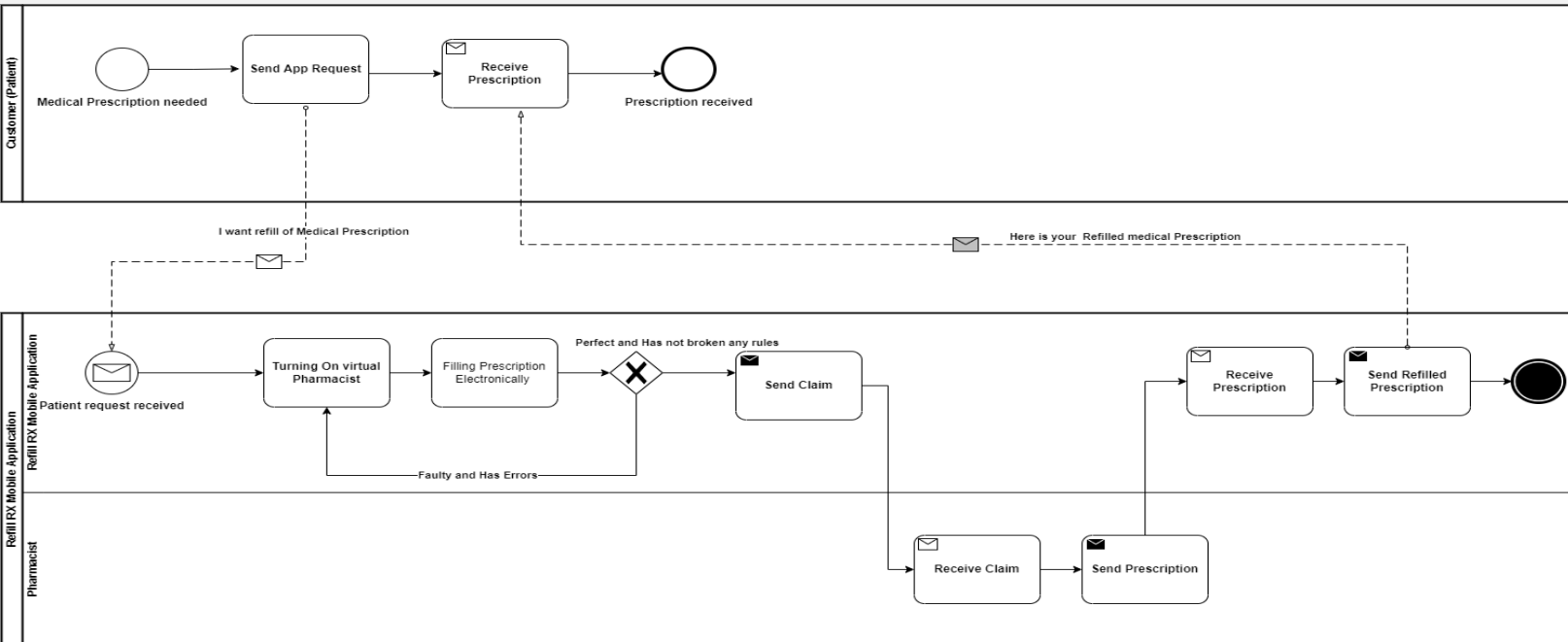
### 3. BPMN MODEL OF SUBMIT FEES THROUGH KUICKPAY OF ALFA



### 4. BPMN MODEL OF PLACING AN ORDER IN DARAZ



## 5. BPMN MODEL OF REFILL OF MEDICAL PRESCRIPTION OF RX30



# ERP PROCESSES

## ERP SYSTEMS AND THEIR PROCESSES

### SELECTED ERP SYSTEMS

Sr.	ERP system	Assigned group members	Date on which it was assigned to group members	Date on which the work started on the system
1	ERPNext	Ehsan, Muhammad Ali	1 <sup>st</sup> May, 2022	6 <sup>th</sup> May, 2022
2	Odoo	Ayesha, Daniyal	1 <sup>st</sup> May, 2022	6 <sup>th</sup> May, 2022
3	Tryton	Tayyba, Khadija	1 <sup>st</sup> May, 2022	6 <sup>th</sup> May, 2022
4	Elo ERP	Hamza, Abdullah Malik	1 <sup>st</sup> May, 2022	6 <sup>th</sup> May, 2022
5	Odoo	Usman, Mahad, Abdullah Arif	1 <sup>st</sup> May, 2022	6 <sup>th</sup> May, 2022

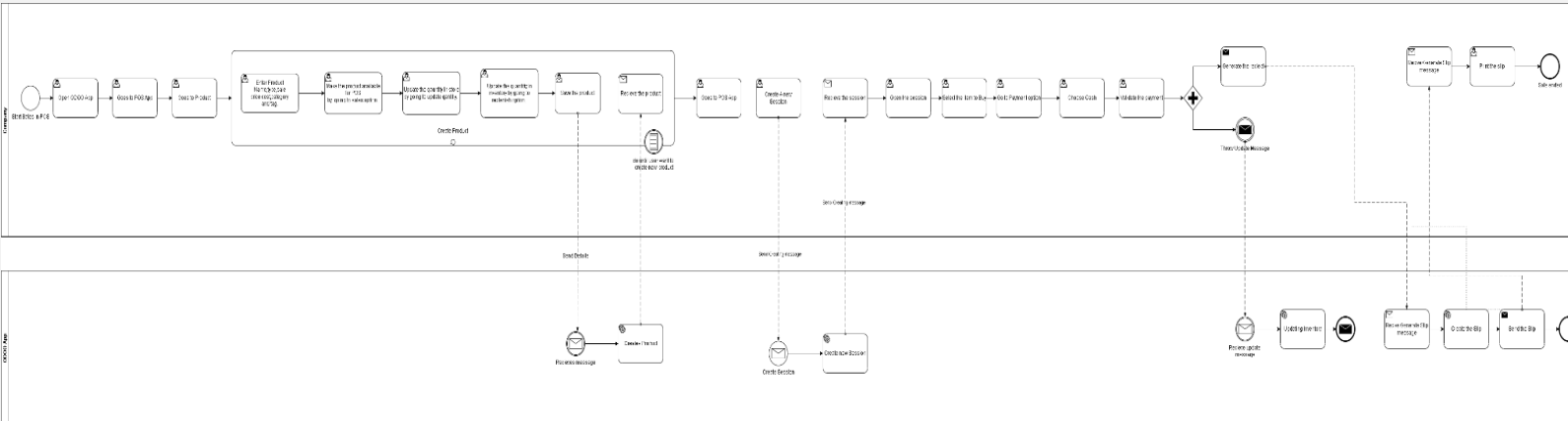
### ERP SYSTEM PROCESSES

Sr.	ERP system	Supported processes
1	ERPNext	I. Finance Accounting II. Order Management III. HR and Payroll IV. Manufacturing V. CRM VI. Projects VII. Helpdesk VIII. Asset Management IX. Website
2	Odoo	I. Point Of Sales II. Accounting III. Inventory Management IV. CRM V. Purchase Management

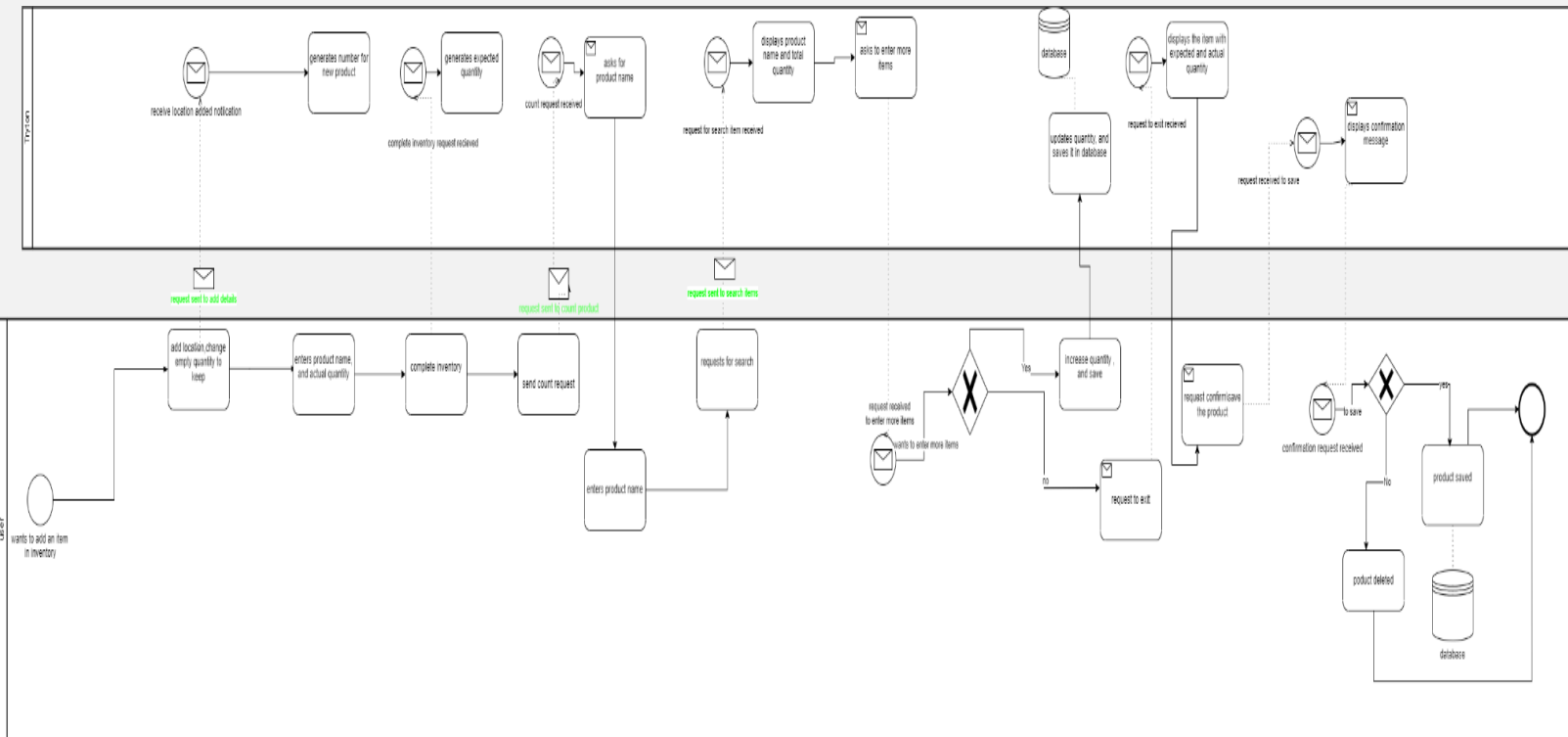


3	Tryton	<ul style="list-style-type: none"> <li>I. Financial Accounting</li> <li>II. Sales</li> <li>III. Inventory and Stock</li> <li>IV. Analytic Accounting</li> <li>V. CRM</li> <li>VI. Purchasing</li> <li>VII. Supply Chain</li> <li>VIII. Manufacturing</li> <li>IX. Shipping</li> <li>X. Project Management</li> <li>XI. Subscription Management</li> <li>XII. Third Party Integration</li> </ul>
4	Elo ERP	<ul style="list-style-type: none"> <li>I. Key Punching Point of Sale</li> <li>II. Touch Screen Point of Sale</li> <li>III. Advance Inventory Management</li> <li>IV. Advance Purchase Process</li> <li>V. Advance Sale Process</li> <li>VI. Promotions and Discounts</li> <li>VII. Taxes and VAT</li> <li>VIII. Service Management and Tickets</li> <li>IX. Batch Management</li> <li>X. Warranty Control System</li> <li>XI. Security Model and User Permissions in EloERP</li> <li>XII. Banking Module</li> <li>XIII. Financial Accounting</li> <li>XIV. Mobile SMS and Email Marketing</li> <li>XV. Business Analysis</li> </ul>
5	Odoo	<ul style="list-style-type: none"> <li>I. Invoicing</li> <li>II. eCommerce</li> <li>III. IOT</li> <li>IV. Planning</li> <li>V. Timesheet</li> <li>VI. Product Lifecycle Management (PLM)</li> </ul>
		<ul style="list-style-type: none"> <li>VII.</li> </ul>

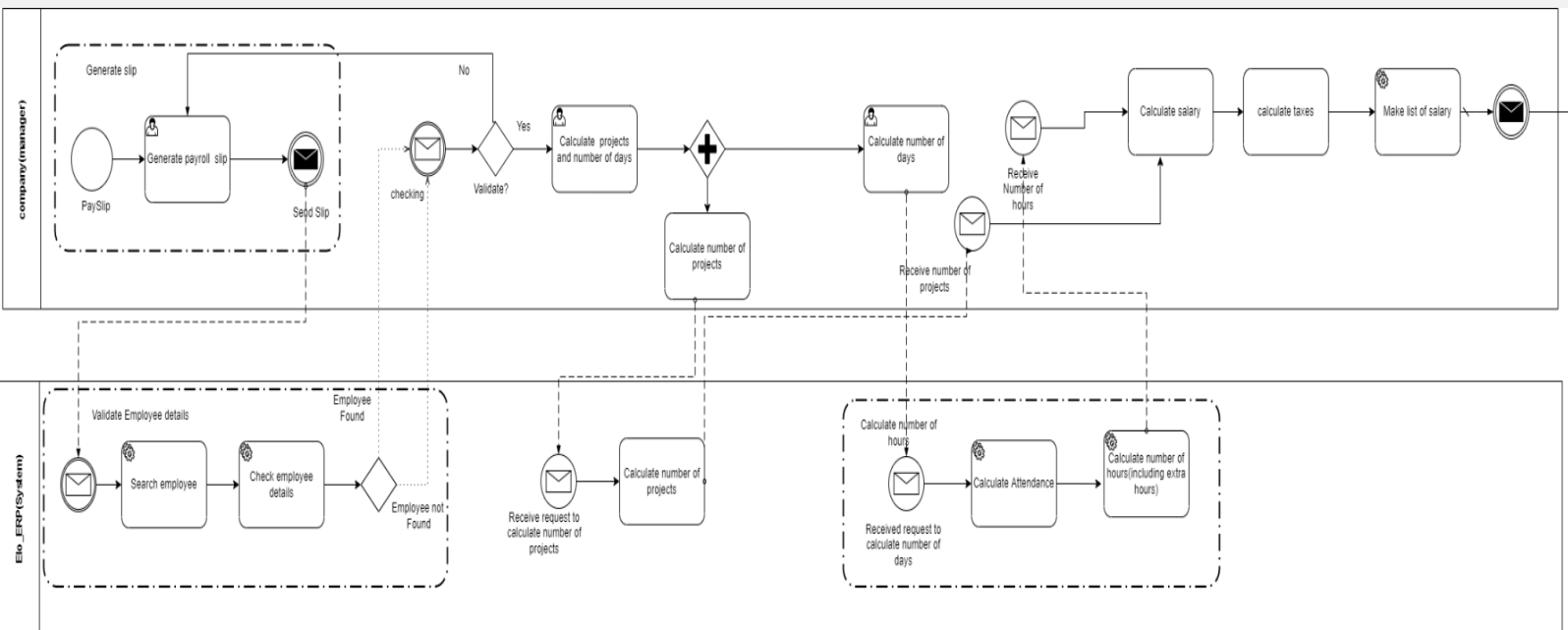
## 2. BPMN MODEL OF POINT OF SALE OF ODOO



## 3. BPMN MODEL OF INVENTORY OF TRYTON



#### 4. BPMN MODEL OF PAYROLL OF ELO ERP



#### 5. BPMN MODEL OF RECRUITMENT OF ODOO

