

SRS Document
Coesy Inventory
An Inventory Management System
(Group 6)

Group 6:

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1. Introduction

More and more organizations are off-loading their inventory management duties from paperworks to electronic solutions. Our Inventory Management System aim to provide a solid, fast and reliable system to tackle: How to manage my organization's inventory online?

2. Overall description

Web-based application with a local database that helps managing an organization's inventory, with detailed statistics and overview tools.

3. Feature Specification

#	Main Features	Description
1	Register, Sign In / Out	Guests will be able to register a new account in the system, and use it to manage the organization's inventory
2	Forgot password	(Early Versions) Provide a randomly-generated password for the user who forgot his/her password
3	Full listing of items	-
4	Comprehensive search / sort functions	All the search / sort functions that you need to effectively manage your inventories
		Search by name / pricing / ...
		Sort by date imported / pricing / type / ...

5	"Exporting" items	Allow exporting items from the inventory, either to staff from the same organization or another organization
		Listing of items that are exported
		Reminder for export's due dates
6	Input / Output items	Easy way to input / output items into inventory
		Items delivery due dates listing
7	Receipt / Voucher printing	(Extra feature)

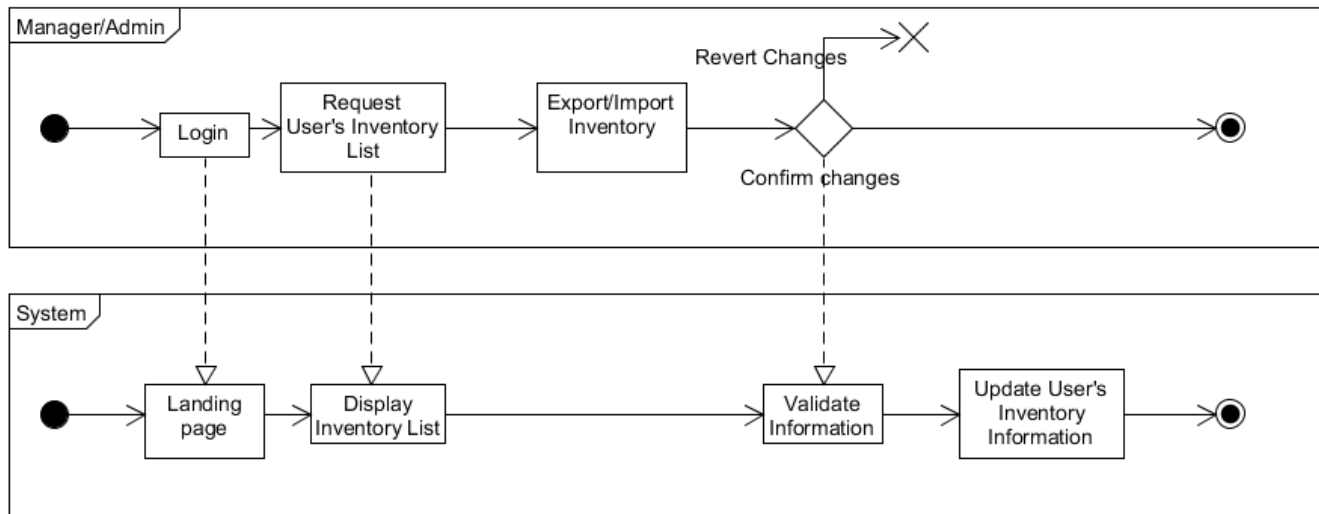
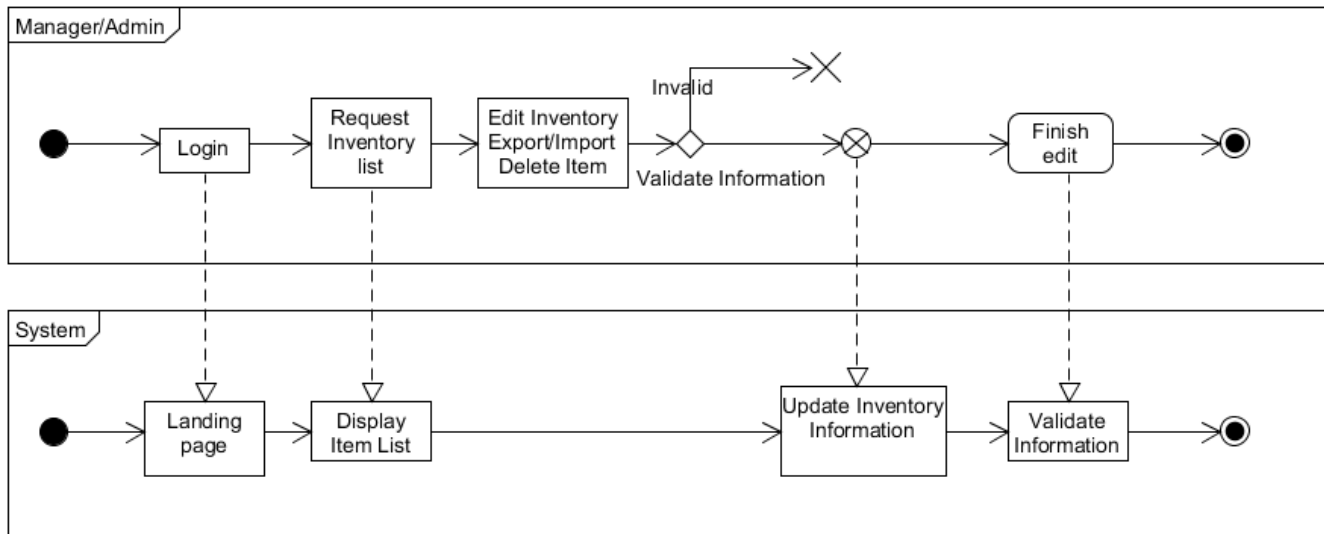
4. Technologies:

	HTML5	Building the skeleton of a Website
	CSS3	Designing the skeleton made with HTML
	JavaScript	Interacting with the user in a website
	Bootstrap4	Building Mobile Responsive websites
	JQuery	Doing some animations
	NodeJS	Performing operations with our database
	MySQL	Connecting databases to our Website
	WordPress	Building introductory Websites, beautifully

5. Use-cases model:



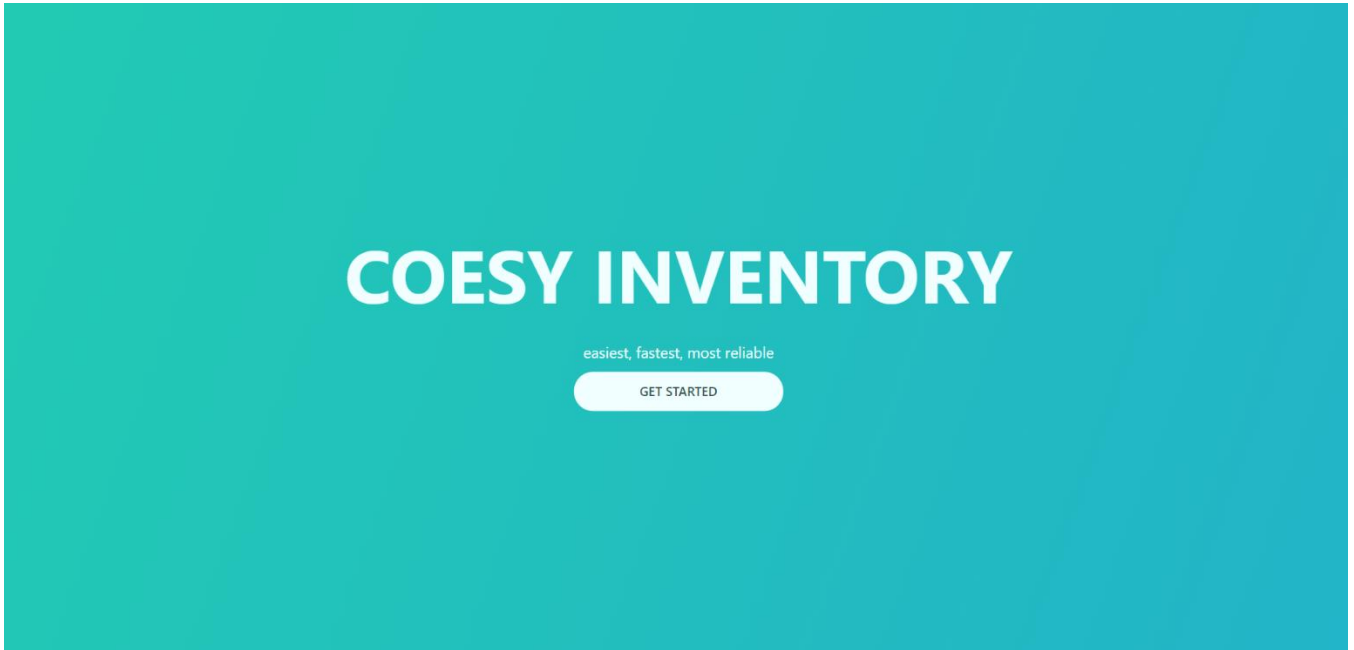
6. Business Process model:



7. Design:

7.1. Interface design:

- Landing Page



- Login / Register Page:

The login and register page is a white card centered on a teal background. It is divided into two main sections by a vertical line. The left section is titled "Sign up" in bold. It contains four input fields: "Username", "Email", "Password", and "Confirm password". Below these fields is a checkbox labeled "Agree with the terms of service" and a dark teal button labeled "SIGN UP!". The right section is titled "Login" in bold. It contains two input fields: "Username / Email" and "Password". Below these is a dark teal button labeled "LOGIN". In the center of the vertical line, between the two sections, is the word "OR". Below the "OR" is a section titled "Forgot password" in bold, followed by an input field for "Username / Email" and a dark teal button labeled "CONFIRM".

- Inventory Page:

ID	Name	Amount	Description
1	car	10	ferrari xxx
2	laptop	1000	Dell xxx
3	item 3	xx	nothing
4	item 4	xx	nothing

New InventoryProductsImport itemsExport itemsContact

Item ID/ Item name

SEARCH ITEM

REMOVE SEARCH

Item ID

Item Name

Amount

Item Description

ADD ITEM

DELETE ITEM

REFRESH

Activate Windows
Go to Settings to activate Windows.

- Import Page:

ID	Name	Amount	Description
1	car	10	ferrari xxx
2	laptop	1000	Dell xxx
3	item 3	xx	nothing
4	item 4	xx	nothing

New InventoryProductsImport itemsExport itemsContact

Import item form

Item ID

Item Name

Amount

Item Description

IMPORT

Activate Windows
Go to Settings to activate Windows.

- **Export Page:**

New Inventory
Products
Import items
Export items
Contact

ID	Name	Amount	Description
1	car	10	ferrari xxx
2	laptop	1000	Dell xxx
3	item 3	xx	nothing
4	item 4	xx	nothing

Export item form

Item ID

Item Name

Amount

Item Description


EXPORT

Activate Windows

Go to Settings to activate Windows.

- **New Inventory Page:**

Name user



You inventory information :

Organization name :

Organization description :

CONFIRM

Activate Windows

Go to Settings to activate Windows.

ID	Page	Page Description	Features
P1	Landing Page	First page a guest sees, convey the application's moto and name.	<ul style="list-style-type: none"> - Divert to Login Page
P2	Login/Register Page	With this page a guest can register an account, or login with an existing account. Also included is "Forgot Password"	<ul style="list-style-type: none"> - Input credentials + Login - Input user's info + Register - Forgot Password
P3	Inventory Page	Main page of an user. Displays and allow the user to use the multiple functions of the application.	<ul style="list-style-type: none"> - Sees user's basic informations - Use inventory management (Divert to P4)
P4	Import Page	Main use of inventory page. Allow user to import items to their inventory	<ul style="list-style-type: none"> - Import Item (ID, name, amount, description)
P5	Export Page	Main use of inventory page. Allow user to export items from their inventory	<ul style="list-style-type: none"> - Export Item (ID, name, amount, description)
P6	New Inventory Page	Allow user to create inventory if they dont have, include change password, undo and exit, save and exit	<ul style="list-style-type: none"> - Create new inventory for user

7.2. Database:

