Mr. Manager

Sales Management Website
Use-Case Specification

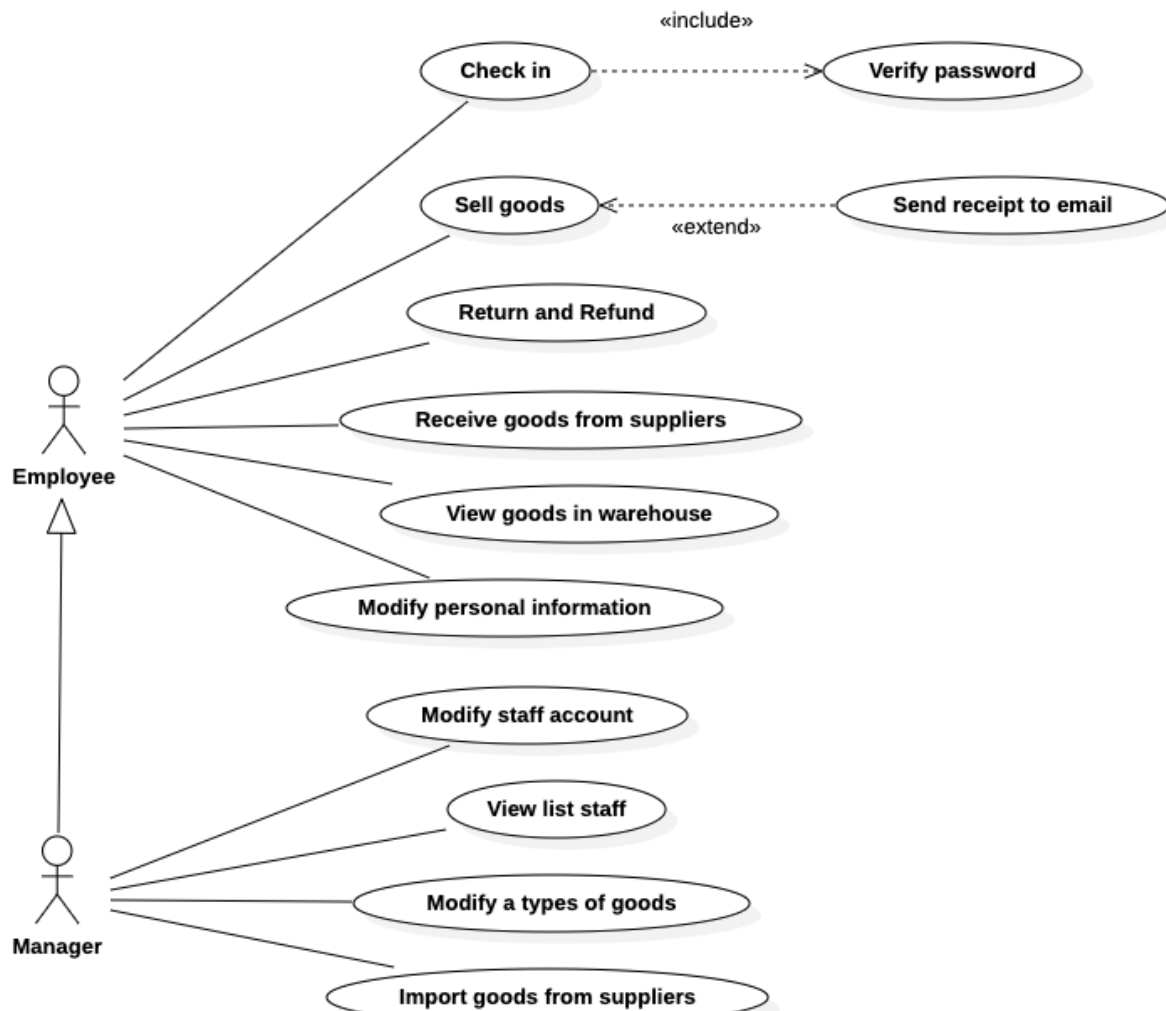### Version <1.0>

Revision History

Date	Version	Description	Author
16/06/2021	0.8	Draw Use-case Model Complete Use-case specification	Nguyễn Hoàng Long Trần Hoàng Kim Lưu Danh Nhân Lê Hoàng Thịnh Phước
8/07/2021	1.0	Edit Use-case Model Apply teaching assistant's advice	Nguyễn Hoàng Long Trần Hoàng Kim Lưu Danh Nhân Lê Hoàng Thịnh Phước

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Use-case Model

Use-case Specifications

1.1 Use-case: Modify employee account

Use case Name	Add employee account
Brief description	The manager adds an account for a new employee
Actors	Manager
Basic Flow	1. On the employee page, the manager clicks on the add button 2. System displays a popup to enter the information of the employee 3. The manager enters data of employees such as id, name, telephone number, bank account and so on 4. After the manager finishes entering data, the manager clicks on ok button to save results to database 5. The system shows a message box to notify adding successfully
Alternative Flows	**Alternative flow 1: Manager adds an employee account already in the system** 1. The system will warn if the employee has already existed

	2. The manager will check that employee again and change employee's id
	3. Continues step #3 in basic flow
	Alternative flow 2: Manager deletes an employee account in the system
	1. The manager clicks on a selected account
	2. The manager clicks on the remove button to delete selected account
	3. The system shows a message box to confirm action: "Are you sure to delete this employee?"
	4. The manager clicks on the ok button to delete this account
	5. System displays a popup to notify delete successfully
	Alternative flow 3: Manager wants to edit information of an employee
	1. On the employee page, the manager clicks on the edit button on the employee item whose information needs to be corrected.
	2. System lists the employee's information on a popup, the manager starts to edit the information by reentering the data.
	3. The manager clicks on the OK button to confirm changes, and the system closes the popup.
Pre-conditions	Manager goes to employee page
Post-conditions	The manager successfully adds a new employee to the system

1.2   View employee list

Use case Name	View employee list
Brief description	The manager views all employees in list form
Actors	Manager
Basic Flow	1. The manager accesses the employee page
	2. The employee page displays employee list
	3. The manager can click the 'arrow' button to jump to the next page if the staff list is too much
Alternative Flows	**Alternative flow 1: Manager wants to see working-hour of a staff**
	1. On the employee page, the manager double-clicks on a staff to view his/her working-hour
	2. System displays a popup to show all information about working-hour and check-in, check-out of the selected employee.
	3. At this popup, the manager finds the specific day that the wants to see working-hour of the selected employee on scheduling table
	4. The manager clicks on the close button to close the popup.
	Alternative flow 2: Manager wants to see multiple employees that work in specific time
	1. On the employee page, the manager enters the start time field, end time field and date field.
	2. The manager clicks on the search button
	3. The system displays a list of employees that work in the chosen time duration
Pre-conditions	Manager goes to employee page
Post-conditions	The manager views the employee list successfully

1.3 Modify a type of goods

Use case Name	Modify existing type of goods
Brief description	The manager modifies data of existing type of goods
Actors	Manager
Basic Flow	1. At the store page, the manager clicks on the add button 2. The system displays a popup to enter information of goods 3. The manager enters information about goods such as id, name, type, price, supplier, etc 4. The manager clicks on the ok button to confirm adding goods 5. The system will show a message box to notify when adding goods successfully
Alternative Flows	**Alternative flow 1: Manager creates an existing id of goods** 1. If managers creates an existing id, the system will notify a warning message 2. The manager will change the id of goods 3. Continue #4 step in basic flow **Alternative flow 2: Manager edits an existing types of goods** 1. On the store page, the manager finds a type of goods that he wants to edit. 2. The manager clicks on 'edit' button on type of goods 3. The system displays a popup to show information of type of goods 4. The manager edits fields that he wants to edit 5. The manager clicks on 'ok' button to confirm updating 6. The information will be updated to the system **Alternative flow 3: Manager edits legally existing ID of goods** 1. From #3, if the manager edits legally an existing ID, the system will notify a warning message 2. The manager will change the ID of goods 3. Continue #5 step in basic flow **Alternative flow 4: Manager deletes a type of goods** 1. The manager clicks on a selected type of goods 2. The manager clicks on the delete button to remove it 3. The system shows a message box to confirm action: "Are you sure to delete this type of goods?" 4. The manager clicks on the ok button to delete 5. System displays a popup to notify delete successfully
Pre-conditions	Manager goes to store page
Post-conditions	The manager successfully modifies data of type of goods

1.4 Import goods from suppliers

Use case Name	Import goods from suppliers
Brief description	The manager sends orders to the suppliers to import goods to the store
Actors	Manager

Basic Flow	1. At the supplier page, the manager finds a supplier that has goods he/she wants
	2. The manager clicks on the item of that supplier
	3. The page will jump to a form to enter information of goods to order
	4. The manager enters data of goods he wants to import goods to the store
	5. The manager clicks on the send button to send this form for supplier
	6. This form is sent to the 'import' page to wait for confirmation when receiving the goods successfully from the supplier
Alternative Flows	**Alternative flow 1: Manager wants to find suppliers that have goods he/she wants**
	1. The manager enters the keyword of goods in search fields
	2. The system lists suppliers that have goods he wants to import
	3. The manager continues #2 step in basic flow
Pre-conditions	Manager goes to supplier page
Post-conditions	The manager successfully sends orders to suppliers

1.5 Check in

Use case Name	Check in
Brief description	The employee checks in to the system when they start working
Actors	Employee, Manager
Basic Flow	1. At the authentication page,the employee enters username and password to login
	2. The employee clicks on login button
	3. The website screen shows up log in successfully
	4. The website system starts counting employee's working hours
Alternative Flows	**Alternative flow 1: The employee's username, password is invalid**
	1. From #1 continue step in the basic flow, the employee enters information again
	2. Continue step #2 to #4 in basic flow
Pre-conditions	The employee and the manager goes to the authentication page at our website
Post-conditions	The employee and the manager successfully checked in.

1.6 Sell goods

Use case Name	Sell goods
Brief description	The employee sells goods when the customer buys items
Actors	Employee, Manager
Basic Flow	1. On the sell page , the employee manually enters information of all products that the customer buys
	2. The employee clicks on the finish button
	3. The system will send an e-receipt to the customer's email
	4. The receipt will be added to the transaction page
Alternative Flows	**Alternative flow 1: The employee scans barcodes**
	1. From #1 the basic flow, the employee scans product's barcodes that the customer buys

	2. Continue step #2 to #4 in basic flow
Pre-conditions	The employee or the manager goes to the sell page at our website
Post-conditions	The employee or the manager sells goods successfully

1.7 Return and Refund

Use case Name	Return and Refund
Brief description	The customer returns bought items and receives a refund
Actors	Employee, Manager
Basic Flow	1. On the transaction page, the employee will mark the transaction as refund 2. The system database will mark that transaction as refund 3. The system increases the quantity of the returned items
Alternative Flows	
Pre-conditions	The employee goes to the transaction page
Post-conditions	The employee successfully refunds a customer and receives returned items.

1.8 Receive imported goods from suppliers

Use case Name	Receive imported goods from suppliers
Brief description	The employee receives imported goods and manages them from suppliers when the manager ordered
Actors	Employee, Manager
Basic Flow	1. On the import page, the employee clicks on the confirm button when the shipper sends goods to the store 2. The system will add the number of products delivered to the store page 3. The status of the order corresponds to the received goods in the will be updated to 'received'
Alternative Flows	**Alternative flow 1: The received goods do not match what the manager ordered** 1. The employee clicks on the deny button from the receive good page 2. The status of the order corresponds to the received goods in the will be updated to 'cancel'
Pre-conditions	The employee goes to import page
Post-conditions	The employee successfully receives exactly the ordered goods and manages them from suppliers

1.9 View goods in warehouse

Use case Name	View goods in warehouse
Brief description	The employee views goods' information in the warehouse
Actors	Employee, Manager
Basic Flow	1. On the store page, the employee clicks on the view button 2. The website displays information of goods in list form (such as: ID, Name, Description, Quantity, Price, etc)
Alternative Flows	
Pre-conditions	The employee/manager goes to store page

Post-conditions	The employee/manager successfully views goods in store

1.10 Modify personal information

Use case Name	Modify personal information
Brief description	The employee wants to view and modifies their information
Actors	Employee, Manager
Basic Flow	1. At profile page, the employee clicks on the edit button to modify their information 2. The website displays a pop up for them to modify (Name, Gender, Age, etc) 3. The employee/manager clicks on the save button 4. The system database will rewrite their information
Alternative Flows	
Pre-conditions	The employee/manager goes to the profile page
Post-conditions	The employee/manager modifies their information correctly