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Section:	173

Course Title: Business Requirements Analysis

Course Code: IS 230

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Agreement:

- 1- It was me and my team members -NOT external party- who performed this project.
- 2- I participated with the group members to accomplish this project effectively and almost equally.
- 3- This project is totally free from copy and any type of cheating from other students' works and projects.
- 4- This project is free from illegal copy from any resources and intellectual property breaches.

Based on above I sign below and I accept any corrective action taken in case I breach or don't fulfil the above commitments.

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1. Introduction:

1.1 Description:

The store will provide coffee beans from various roasters from all over Saudi Arabia and coffee supplies with high quality and offer them to the customer at a competitive price.

1.2 Scope:

The shop offers many types of coffee and coffee making supplies.

Customers can easily see the products and quickly find what they want.

Communication between customers and roasters just got easier.

Our store offers offers and packages at a competitive price and high quality.

We deliver our products to all parts of Saudi Arabia.

Providing different payment methods such as: mada, Visa, MasterCard, Apple Pay, stc pay.

2. Business Requirements:

2.1 Background:

Our store will serve coffee beans from roasters and offer them to the customer.

2.2 Business Objectives:

- Save time and money for customers by selling coffee at fair prices.
- Providing coffee beans from roasters in various regions.
- Facilitate communication between the customer and the roaster.
- Make the site responsive and easy.
- Make the site secure for secure payment.

2.3 Vision:

To impose our brand in the local market and facilitate access to the best types of coffee and its requirements throughout Saudi Arabia, and later expand to the global market.

3. Stakeholders:

Customers.

The store considers customers among its major stakeholders. The interests of this stakeholder group are to provide high quality services.

Roasters.

Roasters are store suppliers composed of wholesale supply firms.

Owner.

They are the owners of a store. They supply capital or equity to the business and have a say in how everything runs.

4. Elicitation Techniques:

4.1 Workshop Technique.

In our system, we have put in place a method that allows the buyer to speak with us.

In our store we are committed to maintaining our distinguished customers.

In our store we create plan and workshop agenda so that everyone knows what goals are required of him and what can be expected and they can prepare accordingly.

4.2 Observations Technique.

Allows our customers to evaluate their opinion if they see a problem in the system. We do validate information gathered from other source.

4.3 Questionnaires Technique

The questionnaire provide answer options that cover the full range of potential responses.

The questions in the evaluate are closed questions with two or more specific choices. In the evaluate we don't ask too many questions or people won't respond.

5. User requirements:

Customers.

The store considers customers among its major stakeholders. The interests of this stakeholder group are to provide high quality services and products, such as coffee beans, the store effectively addresses this concern by making it easier for customers to purchase coffee beans of various kinds.

Table 1 Customers

Required inputs/selections.	Operators/process.	Outputs.
<ul style="list-style-type: none"> • Select a certain product a type of coffee beans and coffee tools. • Select a certain roaster's company. • Home address • Payment methods 	<ul style="list-style-type: none"> • Put each element into a basket. • Making the order. • Send it to the carrier. • Decrease each element when it's ordered. 	<ul style="list-style-type: none"> • View the order. • Deliver it to the customers • Possibility of cancelling the order.

Roasters.

Roasters are store suppliers composed of wholesale supply firms. For instance, Piccolo, camel step etc... The main interest of this stakeholder group is to compensate all consumers as fast as possible (On- demand).

Table 2 Roasters

Required inputs/selections.	Operators/process.	Outputs.
<ul style="list-style-type: none"> • Supply the store with the products. • Hot line for the firms to contact the store owners when it's needed. 	<ul style="list-style-type: none"> • Once a certain amount reach as the worst case alert the supplier to provide. 	<ul style="list-style-type: none"> • Alert the supplier. • Alert the store once it's provided. • Providing the beans.

Owner.

They are the owners of the store. They provide capital or equity to the company, manage the store, operate and access the system, and provide technical support.

6. Software Requirements:

6.1 Functional Requirements:

- The customer must be able to see the interface of system.
- The system must provide to the customer the products.
- The customer must be able to create account.
- The customer must be able to sign in.
- The customer must be able to edit personal details.
- The customer should be able to select offers.an offer.
- The customer must be able to search for products.
- The customer must be able to filter products based on price, brands, location and payment methods.
- The customer must be able to see the details of the product.
- The customer should be able to rate the product.
- The customer should be able to see rating the product.
- The customer must be able to add the product in the cart.
- The customer should be able to redeem promo code.
- The customer should be able to contact with roasters.
- The system must calculate the price before the checkout.
- The customer must be able to edit the cart before checkout.
- The customer is able to edit shipping details.
- The costumer must be able to refund and return the product.
- The customer must be able to create wish list.
- The customer must be able to check the order history, wish list and rating.
- The customer must be able to communicate with the customer support team via chat and email.
- The customer should be able to rate the products.
- The customer should be able to see the ratings of the products.
- The roaster must be able to create a business account.
- The roaster must be able to sign in into business account.
- The roaster must be able to add products.
- The roaster must be able to specify details of the products.
- The roaster must be able to specify the price of the products
- The system must determine the shipping price by the location, time of delivery and weight.
- The system must provide the delivery methods as ordinary and express.
- The system must show the order's details.
- The system should provide the progress of order and delivery.
- The System must provide service for customers and roasters.

6.2 Non-Functional Requirements:

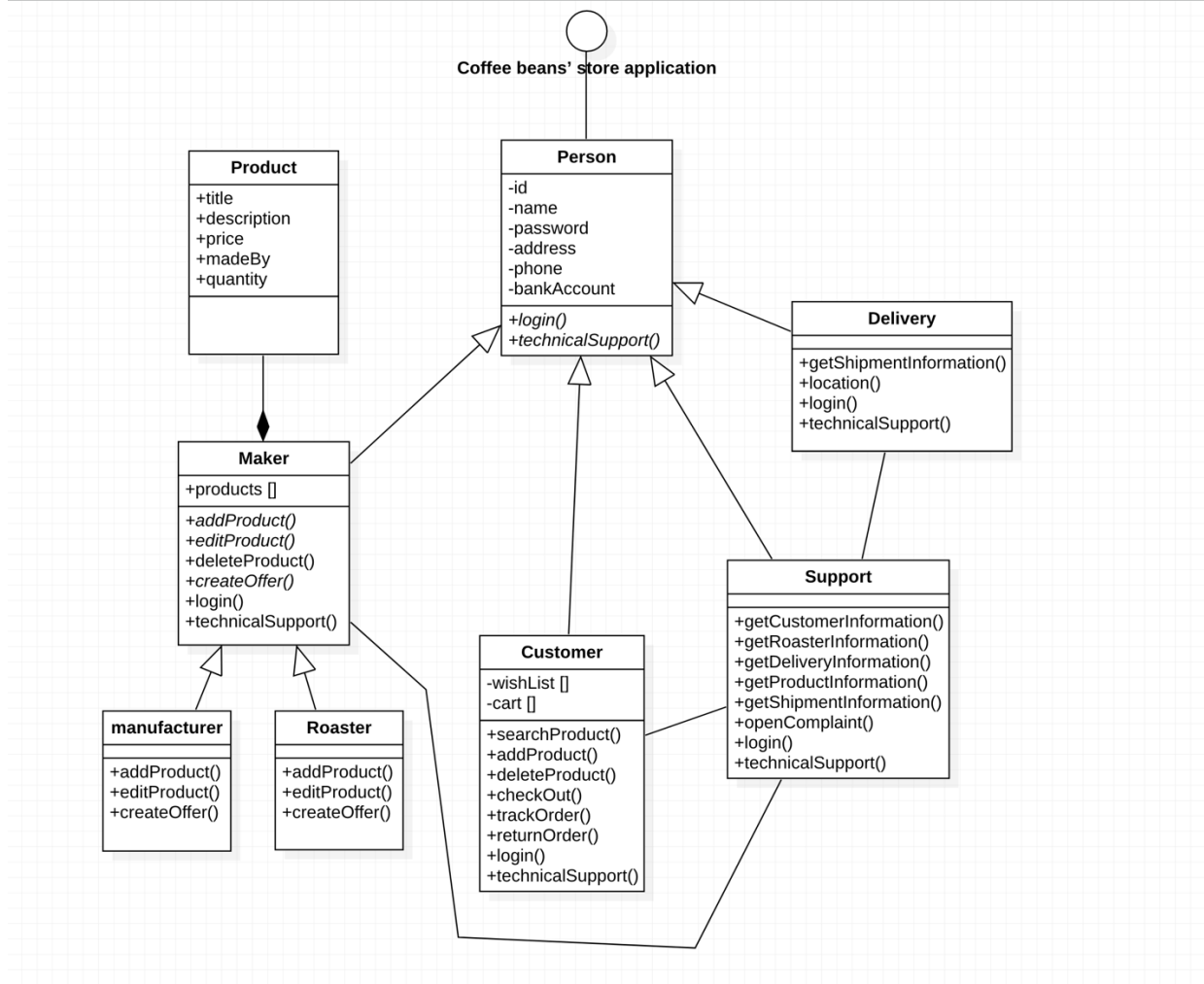
- **Performance:** The system must load and visible in the browser quick as possible. Faster moving while navigating through pages and options.
- **Usability:** The system must comfortable to get familiar. It must have easy way navigation throughout the website.
- **Availability:** The website must be available 24*7. Fully operational.
- **Maintainability:** The web system must support for upgrades in terms software and hardware features. Must support to maintain the service quality and performance.
- **Compatibility:** System must work in multiple browsers.
- **Security:** Web system is free from malware attacks and unauthorized access.
- **Scalability:** Website must support for large number of customers and vendors without failing the performance.
- **Reliability:** System must run in the server without failure in predefined conditions.
- **Localization:** The system must be able to support for local customer base as well, in terms language and market demand.

7. Models:

Use case diagram:



UML diagram:



References:

Reference number
 ISO/IEC/IEEE 29148:2011(E)
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 STANDARD

Appendices