

# **PROJECT SYNOPSIS**

Team:

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Branch/Section:

Computer Science  
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Subject:

Database Management System

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## **TITLE OF THE PROJECT:**

### **Import and Export Management System.**



## **1. INTRODUCTION:**

### **1.1 INDUSTRY PROFILE**

Import and export trade today affects almost every person in the world. Imports and exports enable each country to make the best use of its most abundant resources. By exporting its surplus, whether raw materials such as coal, semi-finished products such as cotton stuffs, or finished products such as computers, a country earns the money to import another nation's surplus. Import-export trade involves the building of offices or plants in foreign countries, sending technical or other specialists abroad, and expanding the distribution of a product into the international market.

### **1.2 PROJECT CATEGORY**

DBMS/ Web Application/ Import and Export event systems

## **2. METHODOLOGY:**

### **2.1 PROBLEM**

- Certain rules are controlled by its respective countries.
- Availability of data of coffee beans in different countries
- Countries which import coffee beans , their tariffs and permissions.
- Export of Coffee beans from India, permissions and types
- Export can be done to the selected countries wherever Government of India permits.

### **2.2. WHY IS THIS PROBLEM SIGNIFICANT / NEED FOR THE STUDY**

- Since the import and export business have now become very easy and common, there still exists certain strict principles to be followed while trying to export or import an item. People need to know about the types of coffee beans available to import or export and its licenses. In order to not indulge in any unethical trading without the knowledge of it. Our team is taking up Coffee beans product and giving the entire details related to trading of it.

### **2.3. DATABASE METHODOLOGY**

In the database, there exists 4 tables for each of the Coffee beans. The interrelation between the tables gives the entire details of trading. Example: Coffee type: Robusta Coffee consists of 4 tables namely ITEM, FOREIGN\_Trade, LOCAL\_Trade, and COUNTRIES, which have suitable attributes such as Grade of the coffee bean, minimum bags per shipment, product\_id, X works price, Haulage, FOB charges, Customs Clearance , Currency etc.,

The similar is available for another type of Coffee beans: Arabica Coffee. This gives the knowledge and the charges that costs up while importing and exporting the product. There are 2 major tables, one for import and the other for export.

## **3. TOOLS TO BE USED:**

- DBMS – Oracle Expedition 11 version / SQLite Browser
- Web Application – HTML/Python- Django
- Website - <https://www.indiantradeportal.in/> for reference

#### **4. EXPECTED RESULTS OF THE STUDY:**

In business trend, the end user must get the best quality coffee from the country of his choice at best possible rate. He must be able to gain instant access to the data provided in the database through a user-friendly interface created as web application.

#### **5. WORK DONE:-**

- Defined the database schema
- Collected data on Largest importer and exporter of coffee.
- Top 5 exporters of coffee
- Top 5 importers of coffee
- Different grades and brands available
- Top 5 suppliers in each country

#### **6. SITES REFERRED:**

<https://www.indiantradeportal.in/>

<https://www.exportportal.com/>

<https://www.indiacoffee.org/Exporter.aspx>

<https://www.atlascoffee.com/coffee/india/>