

# Foodie Advice

# Abstract

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Foodie Advice Is a community based website that aims to ease the process of searching for food With dishes, beverages,deserts, and other delicious stuff from all around the word Its helpful for tourists who are new to a certain country the solutions, Then we collected the requirements for building the site and were collected by a questionnaire and then we identified the functional and nonfunctional requirements. Then we use all requirements to build use case and sequence diagram, and took Data and we have created data then founded databases and tables of data and designed Screen to the site and we started implementing the project and used the language of Python to build the site with the help of The Flask Framework, and for the database with SQLite3.

# Chapter 1: Introduction

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## Introduction

Foodie Advice is a site specialized in Foods, it is directed to all people interested in tourism and other cultures

## System Goals

The goal of building the site is to:

1. Connect the world through appetite
2. Appreciation of food

## Feasibility Study

### *Challenges*

1. not every one is familiar with websites like this

### *Proposed Methods*

1. Make people more interested in trying new food

## The Method Adopted in The Design of The System

1. System Design: In this stage, the complete architecture of the desired system is designed. The system is conceived as a set of interacting subsystems that in turn is composed of a hierarchy of interacting objects, grouped into classes.
2. System design is done according to both the system analysis model and the proposed system architecture.

## *Analyze & Requirement*

In the first week I analyze and gather information to gather requirements.

# Chapter 2: Requirement

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## Analysis

Requirements analysis, also called requirements engineering, is the process of breaking a complex topics or substance into smaller parts in order to gain a better understanding of it. These features, called requirements, must be quantifiable, relevant and detailed. In software engineering, such requirements are often called functional specifications. Requirements analysis is an important aspect of project management.

Requirements analysis involves frequent communication with system users to determine specific feature expectations, resolution of conflict or ambiguity in requirements as demanded by the various users or groups of users, avoidance of feature creep and documentation of all aspects of the project development process from start to finish. Energy should be directed towards ensuring that the final system or product conforms to client needs rather than attempting to mold user expectations to fit the requirements.

## *User Requirement*

This field of indoor and outdoor maintenance and all services with just one click with entering the problem (The main features:)

### **A-Front Web Site**

1. Login and register page for new user or author
2. View posts and users' profiles

### **B-Back Web site:**

1. Admin dashboard to add / delete / edit the products

## *Functional requirement*

1. log in / register page
2. Dashboard page to control the products
3. Home page to show all category and products
4. List of categories to show specific products

## *Non-Functional Requirement*

1. External Requirement
  - The web site has Admins to create / edit / delete products.

## 2. Organizational Requirement

- a. Require any OS (such as Windows (XP, 7, 8.1, 10) Linux and Mac). Etc.
- b. Web browser (chrome, Firefox, Opera, Explorer).
- c. Connected to the Internet.
- d. To Program Web pages I used the flask framework for Python and connect it with SQLite3, Web pages CSS, Html, JS.

## *System requirement*

1. The web site must be compatible with pc's and mobiles devises.
  - a. To achieve all these functions a computer or mobile devise must be available and connected to the internet.
  - b. The version or model of the device does not matter, but defiantly needs at least a web browser.
2. Programming languages used
  - HTML (Hyper Text Markup Language) is the most basic building block of the Web.
  - CSS is a language that describes the style of an HTML document.
  - JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions.

## Use Case Description

### 1. Actors:

a. Human actors: Admin, Customer.

<b>Use case Number</b>	<b>1</b>
<b>Use case name</b>	Browsing
<b>Participation actor</b>	1. User 2. Admin
<b>Pre-condition</b>	Internet connection
<b>Flow of events</b>	1. Open web site 2. Browse the web site
<b>Post-condition</b>	Retrieving, presenting and traversing information resources
<b>Quality Requirements</b>	Speed site browsing

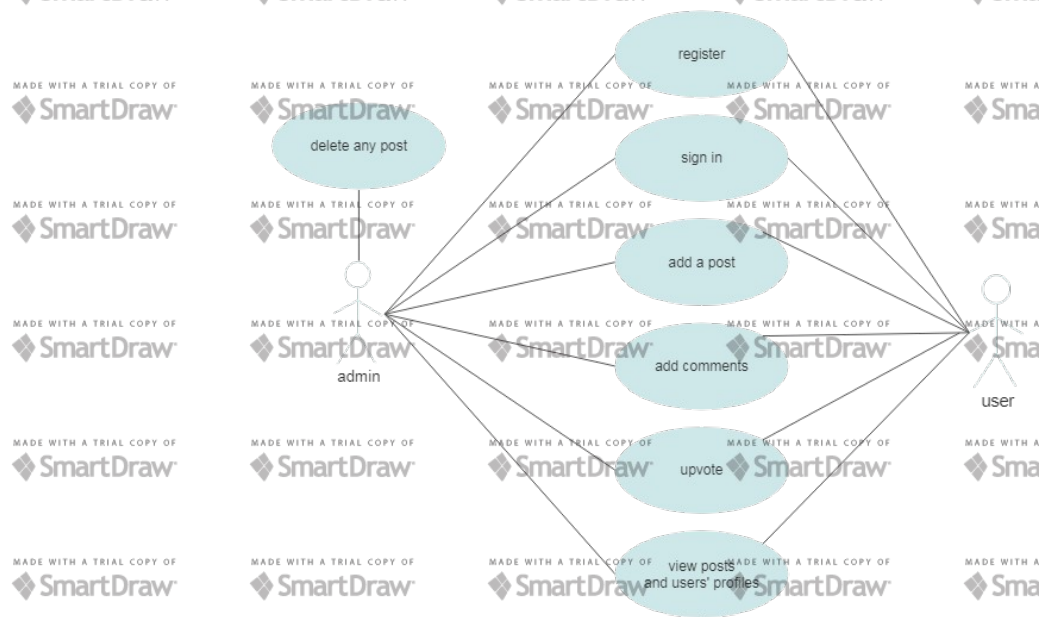
<b>Use case Number</b>	<b>2</b>
<b>Use case name</b>	sign up for Users
<b>Participation actor</b>	1. Customer
<b>Pre-condition</b>	Internet connection
<b>Flow of events</b>	1. open website 2. click on Register 3. insert information 4. check information 5. send to server
<b>Post-condition</b>	user confirmation

<b>Quality Requirements</b>	<ol style="list-style-type: none"> <li>1. User Name must be unique name.</li> <li>2. Must enter all the information.</li> </ol>
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<b>Use case Number</b>	<b>3</b>
<b>Use case name</b>	Add Post
<b>Participation actor</b>	<ol style="list-style-type: none"> <li>1. Admin/User</li> </ol>
<b>Pre-condition</b>	Admin Role User
<b>Flow of events</b>	<ol style="list-style-type: none"> <li>1. Click Add post</li> <li>2. Insert data</li> </ol>
<b>Post-condition</b>	publish the Product
<b>Quality Requirements</b>	<ol style="list-style-type: none"> <li>1. the admin and users alike can add a post</li> </ol>

# Use Case Diagram

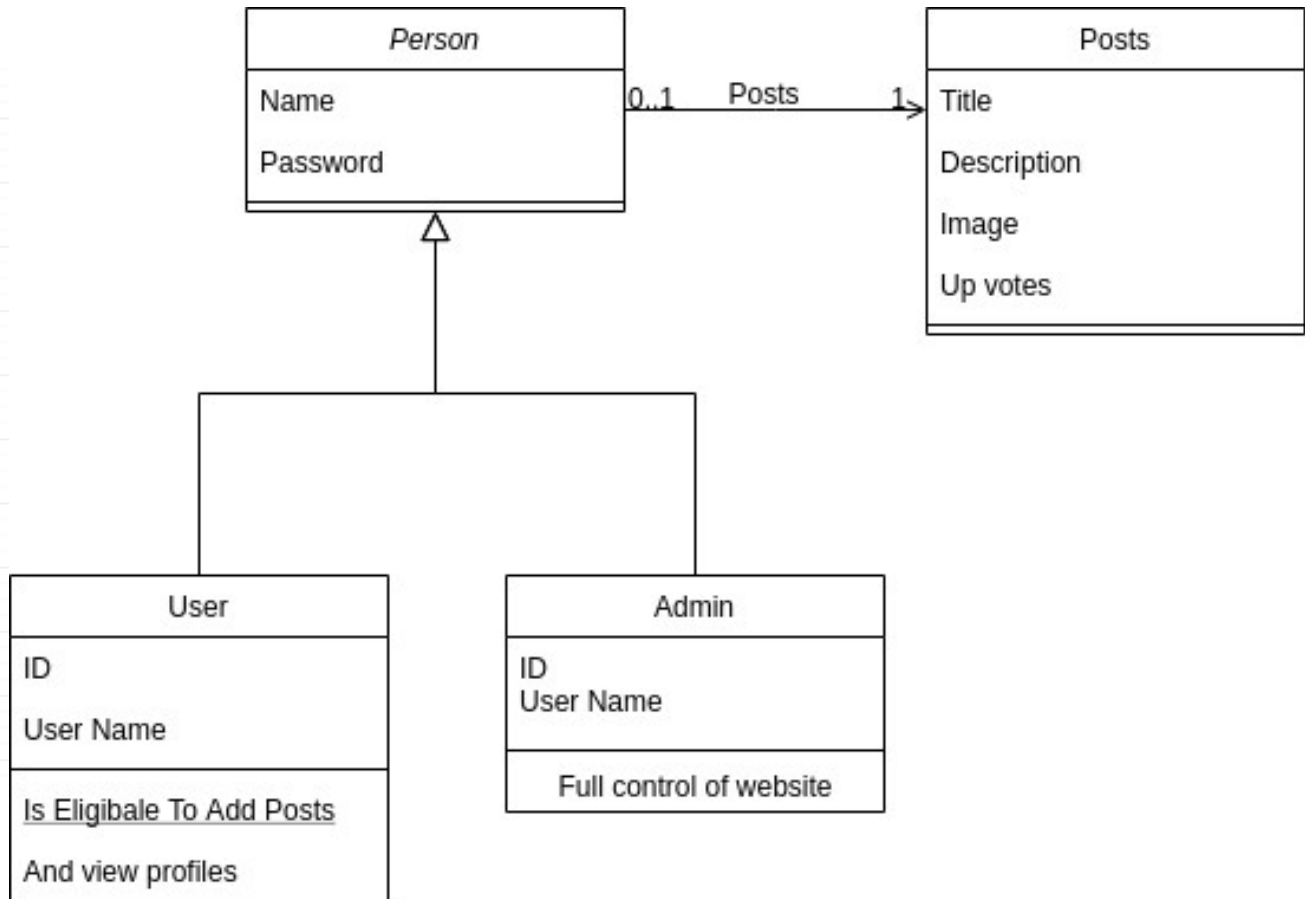
USE CASE DIAGRAM: using Foode





## Chapter 3: Design

### Class diagram



### Data Base Tables

Data Base: Table Users

Person	Type
Id	big Increments
User name	String
password	hash

<b>Role</b>	string
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Data Base: Table categories

<b>Data Name</b>	<b>Type</b>
<b>Id</b>	big Increments
<b>Name</b>	String

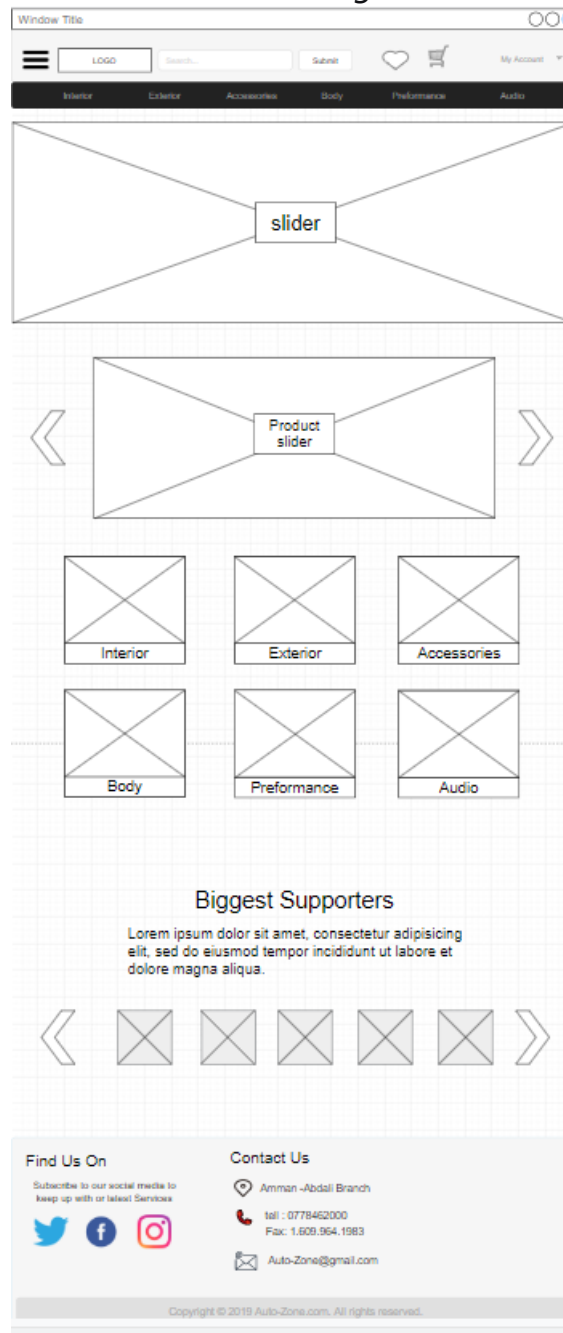
Data Base: Table Posts

<b>Data Name</b>	<b>Type</b>
<b>Id</b>	big Increments
<b>Image-Name</b>	String
<b>Title</b>	String
<b>Description</b>	String

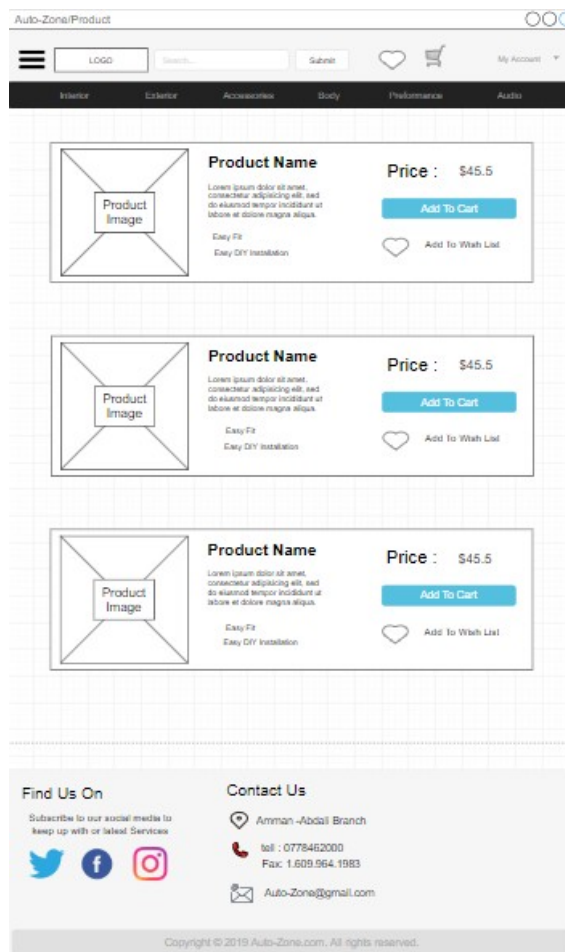
# Mock-ups

## Website Mock-ups

### Home Page

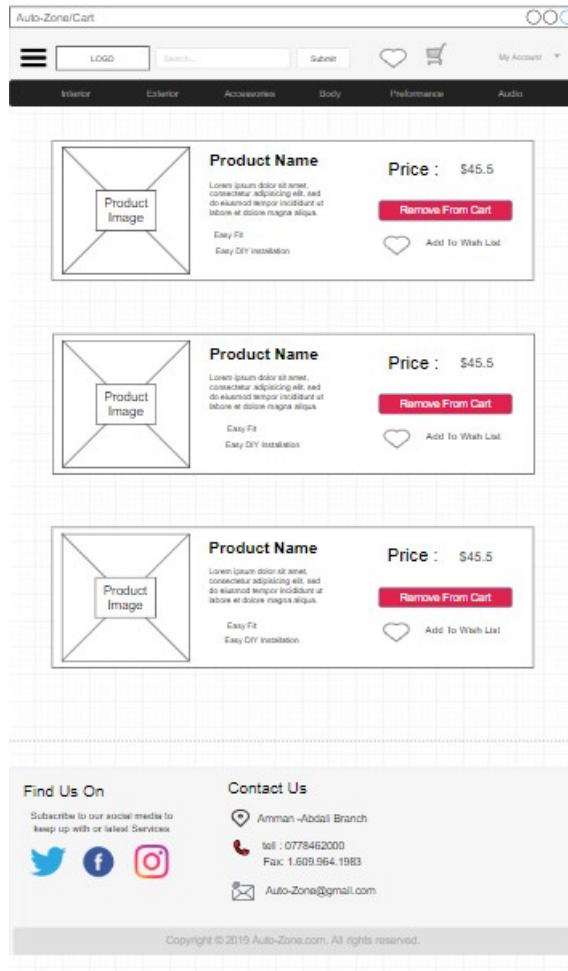


## Products Page



## Favorites Page





## Cart Page

## Profile page

Auto-Zone/Product

LOGO

Search...

Submit

My Account ▾

InteriorExteriorAccessoriesBodyPreformanceAudio

User Name

First Name

Last Name

If Role is Admin

Visit Admin Dashboard

Admin Dashboard

Find Us On

Subscribe to our social media to keep up with or latest Services

Contact Us

Amman -Abdali Branch

tell : 0778462000  
Fax: 1.609.964.1983

Auto-Zone@gmail.com

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## Admin Dash Board

Auto-Zone/AdminDashboard

LOGO

Search...

Submit

My Account

InteriorExteriorAccessoriesBodyPreformanceAudio

Product Image

Choose Image

Product Name

Product Description

Product Features

Product Feature 1

Product Feature 2

Product Price

Product Category

Option 1

Add Product

Find Us On

Subscribe to our social media to keep up with or latest Services

Contact Us

Amman -Abdali Branch

tell : 0778462000

Fax: 1.809.984.1983

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## *Technologies Used To build the project*

Python  
Flask  
SQLite3  
HTML  
CSS  
JS