**NUTRITIONIST APP : A CASE STUDY**

**Synopsis:**

The Main objective of the Nutritionist App is to Build a system to search for a specific food to find it’s nutrition details, show list of matching food, view the nutrition content for a selected food and bookmark favourite food for later reference.

The app will be used for preparing a diet chart for users according to their needs, lifestyle and local cuisines. Users can form their perfect diet and also know about the nutritional values of their foods.

**Software and Hardware requirements :**

**Software Requirements:**

OS : Windows 7/8/10

Front End : HTML, CSS , Angular

Back End : Spring Boot , STS, Mongo Shell, Mongo Compass, Git bash, Postman, Chrome

**Hardware Requirements :**

Processor : Intel i3 or above

System bus : 32 bits

RAM : 1 GB

HDD : 5 GB or higher

Monitor : SVGA COLOR

Internet Connectivity : Normal Speed

**Features**

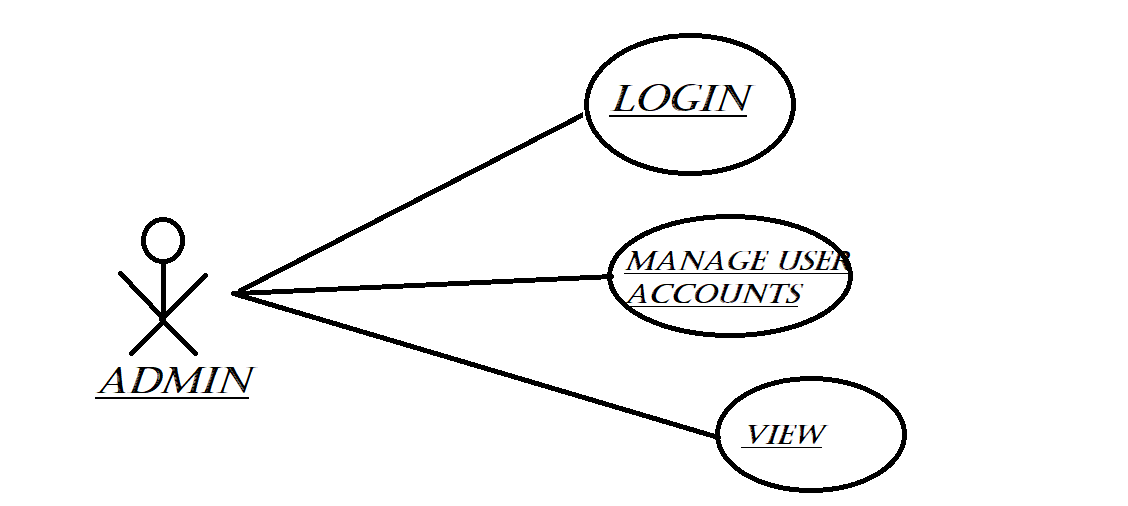
**Services:**

→ Register

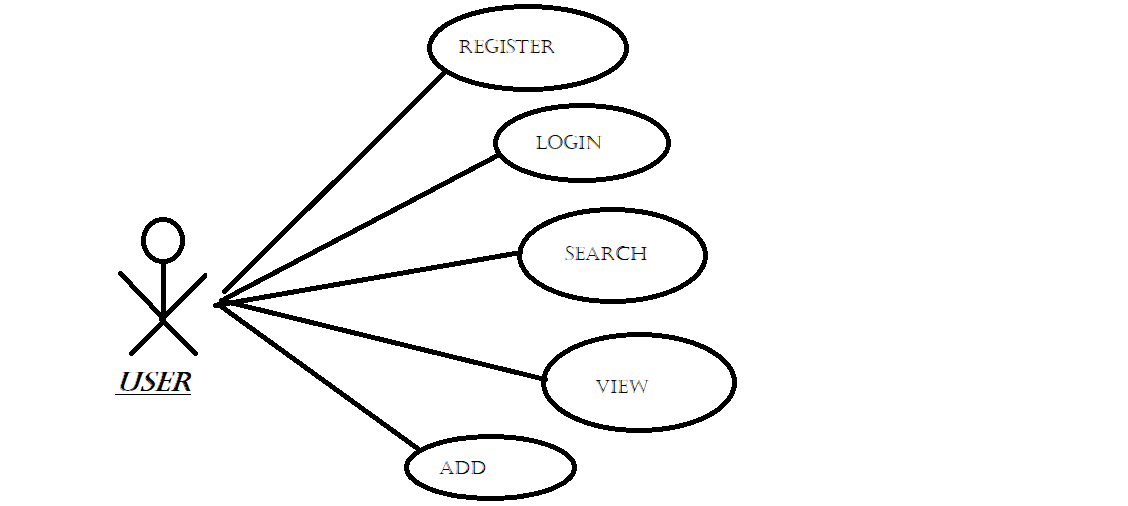
→ Login

→ Search the food

→ Add/Remove the food in cart

**Use case Diagram**

Admin → Login, Manage user accounts , View Revenues



Users → Register, Login , Search for a specific food item , View nutrition details of a selected food , Add a food to favourite list , should be able to see favourite food items

**Class Diagram**

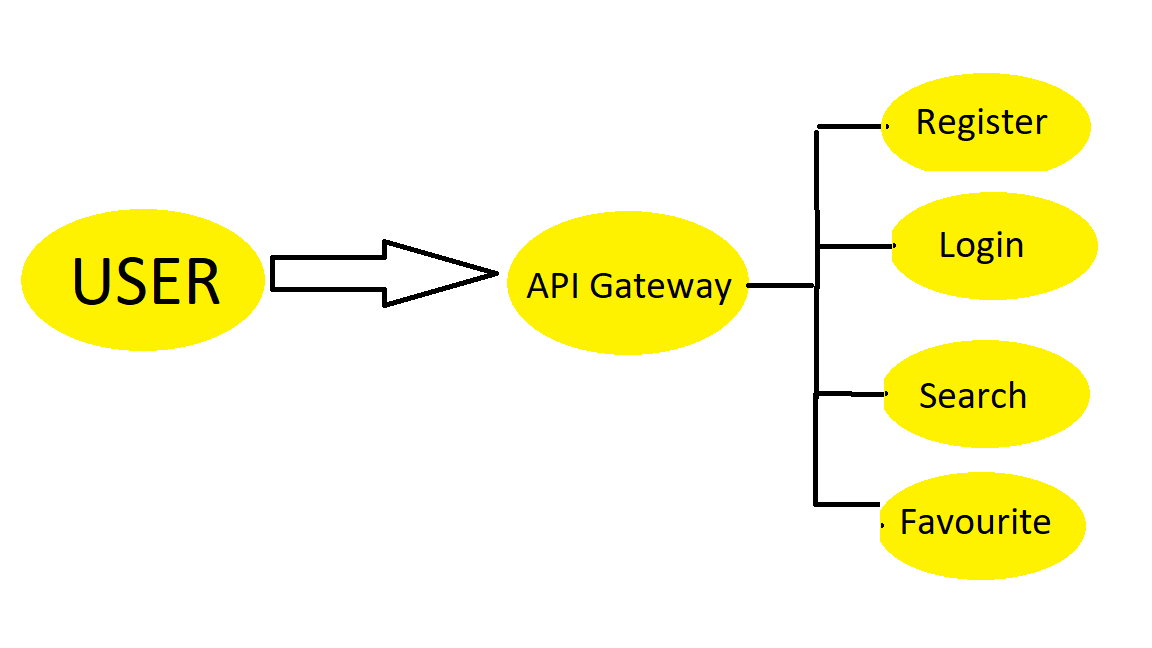
Diagram

Description automatically generated

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**Architectural Diagram**

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**Conclusion :**

The App will help the users to find out the nutritional values of their food items, figure out which food will suit them the most, make out a diet chart of their own according to the daily nutritional needs.