End User

Methods

Members

Members

Methods

Register

Login, Register, Reset

User Name, Password

Members

Methods

Login

Members

Methods

Members

Methods

Web Server

Admin

Add Categories, Add Images, List all Images, List all recommended Images, List all reviewed interest Images, list users, list all searched history, give\_ permission, on images.

Users, Images, categories, recommends, reviews, search history,

Add Categories, Add Images, List all Images, List all recommended Images, List all reviewed interest Images, list users, list all searched history

Users, Images, categories, recommends, reviews, search history

Register, Reset

Name, Password, DOB, Gender, Address, City, Country, Email, Mobile, Pin code

Logout, Search\_Images(), View\_OwnDetails(), View\_my\_search\_History(), View Recommends, Search\_Top N\_ Images \_based\_onpermission

User Name, Search for Images, recommends

The class diagram is the main building block of [object oriented](http://en.wikipedia.org/wiki/Object_oriented) modeling. It is used both for general [conceptual modeling](http://en.wikipedia.org/wiki/Conceptual_model) of the systematic of the application, and for detailed modeling translating the models into [programming code](http://en.wikipedia.org/wiki/Programming_code). Class diagrams can also be used for modeling. The classes in a class diagram represent both the main objects, interactions in the application and the classes to be programmed.

In the diagram, classes are represented with boxes which contain three parts

* The upper part holds the name of the class
* The middle part contains the attributes of the class
* The bottom part gives the methods or operations the class can take or undertake

In the design of a system, a number of classes are identified and grouped together in a class diagram which helps to determine the static relations between those objects. With detailed modeling, the classes of the conceptual design are often split into a number of subclasses.