

ONLINE PORTFOLIO SYSTEM

A PROJECT REPORT

Submitted by

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Information Technology

2012

CERTIFICATE

Date:

This is to certify that the project entitled “ONLINE PORTFOLIO SYSTEM” have been carried out by SONI HARIT DEVENDRAKUMAR (Enrollment No. 090400116018) and PATEL SAGAR SANDIPBHAI (Enrollment No. 090400116040) under my guidance in fulfilment of the subject PROJECT-1 (170001) of B.E Semester VII in Information Technology of Gujarat Technological University, Ahmedabad during the academic year 2012-13.

Internal Guide: Prof. N.P.Patel

External Guide: Ms. Payal Patel

Head of the Department

ACKNOWLEDGEMENT

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We are highly indebted to **Ms. Payal Patel** for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

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We would like to express my special gratitude and thanks to industry persons for giving us such attention and time.

Our thanks and appreciation also goes to our colleagues who have willingly helped us out with their abilities.

Last but not the least, we would like to mention here that we are greatly indebted to each and everyone who has been associated with our project at any stage but whose names do not find a place in this acknowledgement.

With sincere regards,

Soni Harit D

Patel Sagar S

ABSTRACT

ONLINE PORTFOLIO SYSTEM allows users to communicate with people, share ideas, events, and activities within the portfolio system network.

There are hundreds of Portfolio sites, with various technological affordances, supporting a wide range of interests and practices. Sites also vary in the extent to which they incorporate new information and communication tools such as mobile connectivity, blogging.

Portfolio sites can be defined as web-based services that allow individuals to (1) Construct a public or semi-public profile within a bounded system, (2) articulate a list of photos and videos within the bounded Portfolio System, (3) view and traverse their list of other users(model/actor) and those made by others within the system.

Portfolio systems have implemented a wide variety of technical features. Each profile in Portfolio System has unique id. After joining our site, an individual is asked to fill out forms containing a series of questions, which typically include descriptors such as age, location, interests and “about me” section.

Portfolio Planet intends to provide a well established web-based B2B portal system where people such as models, actors, teens, photographers, agents, industry pro meet each other according to their requirements by formation of a virtual community between them."

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LIST OF SYMBOLS, ABBREVIATIONS AND NOMENCLATURE

Name	Abbreviations
Application Programming Interface	API
Business to Business	B2B
Business to Employee	B2E
Central Processing Unit	CPU
Cascading Style Sheets	CSS
Cross Site Scripting	XSS
Data Flow Diagram	DFD
Database Management System	DBMS
General Public Licence	GPL
PHP Data Objects	PDO
PHP Intrusion Detection System	PHPIDS
PHP: Hypertext Preprocessor	PHP
Structured Query Language	SQL

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CHAPTER 1

Company Profile

BLEACH MAGIBOX SOFTTECH (P) LIMITED

Bleach Magic Box SoftTech Pvt. Ltd. is proven, global software and internet consulting and development agency helping clients to create and implement full-service digital business solutions.

Bleach MagicBox has custom solutions for a diverse array of industries, including education, government, travel, financial and insurance, publications, multilevel marketing, human resource, telecommunications, retail, software and electronics, among others. This extensive background demonstrates our understanding of business principles that apply across industries, as well as the ability and initiative to understand problems and solutions that apply to specific companies.

Moving with the times Bleach MagicBox had developed its edge in integration of any kind Of APIs (Application Protocol Interface) providing dynamic and customized solution to its customers. Bleach MagicBox also specialized in developing custom APIs As per the requirement of the system.

Search Engine Optimization and **Search Engine Marketing** are another forte of Bleach Magic Box. From running Online Advertisement Campaigns to creating presence across the blogs and social networking sites, Bleach MagicBox provides a comprehensive solution of Internet and mobile promotion of products and brands.

With innovative approaches and advanced methodologies, Bleach MagicBox provides scalable business solutions to help companies achieve success through revenue increase, cost management and user satisfaction.

Company's Motivation:

What does one company need to grow the business? Reaching prospective clients; converting prospective clients into customers; retaining those customers. We at Bleach MagicBox provide Out-Of-The-Box and interactive solutions combined with our expertise of domain gives our customer the edge in finding, converting & retaining customers.

In order to effectively prospect, convert and retain visitors, The User Experience and ease of use is placed at the centre of all our development projects. Providing unique, memorable and positive experiences, striking the appropriate emotional connection and reducing mental effort required to interact with the site ultimately results in higher prospect conversion and customer retention figures.

Our expertise in strategy, design and technology allows us to create business solutions that excite and inspire, are easy to navigate, and enable businesses to strengthen their competitive advantage.

We have been providing **Internet Consulting, Web Development, Process Development, Web Design, Branding, System Integration** and many other business consulting solutions for **B2B, B2C and B2E**.

We are also in the area of specialized application development for the **Vehicle Tracking** industry. We have our own **Vehicle Tracking System** designed along with the specification design for the hardware.

CHAPTER 2

Project Introduction

2.1 Introduction

Definition of the system

Online Portfolio System allows users to communicate with people, share ideas, events, and activities within the portfolio system network.

Objective and Purpose

Portfolio sites as web-based services that allow individuals to:

- (1) Construct a public or semi-public profile within a bounded system,
- (2) articulate a list of photos and videos within the bounded Portfolio System,
- (3) view and traverse their list of other users(model/actor) and those made by others within the system.

2.2 Motivation

What motivates us to be one in hundred's Portfolio sites?

- There are hundreds of Portfolio sites, with various technological affordances, supporting a wide range of interests and practices. Sites also vary in the extent to which they incorporate new information and communication tools, such as mobile connectivity, blogging, and photo/video-sharing.
- Various Portfolio Network sites have attracted million of users, many of whom have integrated these sites into their daily practices.
- But, we step ahead of them by shooting the users every second by the updates and also more importantly by connecting them to Casting Directors.
- Thus, this project aims to develop a B2B portal where people such as models, actors, teens, photographers, agents, industry pro meet each other according to their requirements by formation of a virtual community between them."

CHAPTER 3

Survey of Technologies

3.1 Web design and development

What is Web Design?

Web design is a broad term covering many different skills and disciplines that are used in the production and maintenance of websites. The different areas of web design include; web graphic design, interface design, authoring; including standardised code and proprietary software, user experience design and search engine optimization. Often many individuals will work in teams covering different aspects of the design process, although some designers will cover them all.

What is Web Development?

Web development is a term for the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network).

However, among web professionals, "web development" usually refers to the main non-design aspects of building web sites: writing markup and coding. Web development can range from developing the simplest static single page of plain text to the most complex web-based internet applications, electronic businesses, or social network services.

3.2 About PHP

PHP development began in 1994 when the programmer Rasmus Lerdorf initially created a set of Perl scripts he called "Personal Home Page Tools" to maintain his personal homepage. The scripts performed tasks such as displaying his resume and recording his web-page traffic. Lerdorf initially announced the release of PHP on the Usenet discussion group on June 8, 1995.

On July 13, 2004, PHP 5 was released, powered by the new Zend Engine II. PHP 5 included new features such as improved support for object-oriented programming, the PHP Data Objects (PDO) extension (which defines a lightweight and consistent interface for accessing databases), and numerous performance enhancements. In 2008, PHP 5 became the only stable version under development. Late static binding had been missing from PHP and was added in version 5.3.

Some important features of PHP are listed here:

- PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content or dynamic images used on Web sites or elsewhere.
- PHP is a powerful tool for making dynamic and interactive Web pages.
- PHP combined with MySQL are cross-platform (you can develop in Windows and serve on a Unix platform)
- PHP runs on different platforms (Windows, Linux, Unix, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports many databases (MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, etc.)
- PHP is an open source software.

Security in PHP:

- PHPIDS (PHP Intrusion Detection System) detects attacks based on cross-site scripting (XSS), SQL injection, header injection, directory traversal, remote file execution, remote file inclusion, and denial-of-service (DoS).
- The algorithm we have used in designing our system known as Salt Algorithm, is typically used for password authentication, the salt is stored along with the output of the one-way function, sometimes along with the number of iterations to be used in generating the output (for key stretching).

3.3 About MySQL

It is named after co-founder Michael Widenius' daughter, My. The SQL phrase stands for Structured Query Language.

On 15 June 2001, NuSphere sued MySQL AB, TcX DataKonsult AB and its original authors Michael ("Monty") Widenius and David Axmark in U.S District Court in Boston.

In October 2005, Oracle Corporation acquired Innobase OY, the Finnish company that developed the third-party InnoDB storage engine that allows MySQL to provide such functionality as transactions and foreign keys. After the acquisition, an Oracle press release mentioned that the contracts that make the company's software available to MySQL AB would be due for renewal (and presumably renegotiation) some time in 2006. During the MySQL Users Confer-

ence in April 2006, MySQL issued a press release that confirmed that MySQL and Innobase OY agreed to a "multi-year" extension of their licensing agreement. In October 2005, Oracle Corporation acquired Innobase OY, the Finnish company that developed the third-party InnoDB storage engine that allows MySQL to provide such functionality as transactions and foreign keys. After the acquisition, an Oracle press release mentioned that the contracts that make the company's software available to MySQL AB would be due for renewal (and presumably renegotiation) some time in 2006. During the MySQL Users Conference in April 2006, MySQL issued a press release that confirmed that MySQL and Innobase OY agreed to a "multi-year" extension of their licensing agreement.

In January 2009, Oracle bought the MySQL.

Usage of MySQL

- MySQL is a database management system & relational database system.
- MySQL software is Open Source and can be used under GPL.
- The MySQL Database Server is very fast, reliable, and easy to use.
- MySQL Server works in client/server or embedded systems.
- It implements SQL functions using a highly optimized class library that should be as fast as possible. Usually there is no memory allocation at all after query initialization.
- It is designed to be fully multi-threaded using kernel threads, to easily use multiple CPUs if they are available.

Limitations of MySQL

- Like other SQL databases, MySQL does not currently comply with the full SQL standard for some of the implemented functionality, including foreign key references when using some storage engines other than the 'standard' InnoDB.
- Triggers are currently limited to one per action / timing, i.e. maximum one after insert and one before insert on the same table. There are no triggers on views.

CHAPTER 4

System Analysis

4.1 Problem Description

- Handling thousands of Actors, Models, Photographers information is a challenging task.
- Interacting with every individual face (models/actors) is quite a difficult activity.
- Proposed system will serve as an online community where actors, models & photographers can connect and apply for castings. In other words, a B2B portal where people such as models, actors, teens, photographers, agents, industry pro meet each other according to their requirements by formation of a virtual community between them.
- Industry and agency pros may post the casting calls and auditions along with their requirement criteria.
- Signing up portfolios will take place, which will give a worldwide exposure to users and will be browsed regularly by casting agents.
- The uploaded photos would be able to digitally enhanced by the means of tools for image enhancements.
- Models/Actors/Photographers (Name, Sex, Age, skin complexion, Id , Expertise , Interest, Experience)
- Rather than being an agency, the system will provide the premier online service for models, actors, child talent and photographers to display their portfolios on and get job offers from.

4.2 Component Parts

The major components of a portfolio system are:

- Model/Actor Details (Name, Id, Gender, Age, Photograph)
- Agency Pro/Industry Pro information (Requirement, Casting call etc.)
- Photographer skills (Expertise)

4.3 Project Model

Which life cycle will work best for any project? This is an important strategic question because making the wrong choice could lead to disastrous results of catastrophic proportions considering delayed deliveries, unhappy clients, project overruns, and cancelled projects on mind.

The Incremental Approach is more suitable in modelling our system.

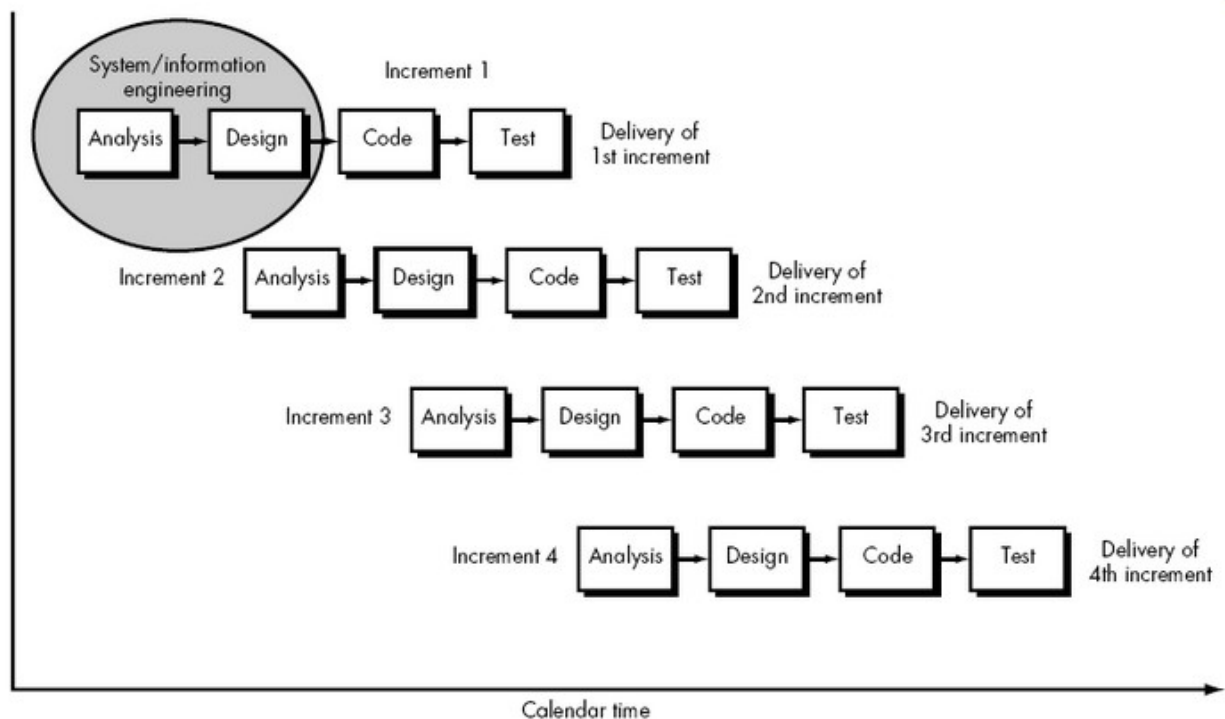


Figure 4.1: Incremental Model

Above figure shows the basic idea of the incremental model

The incremental build model is a method of software development where the model is designed, implemented and tested incrementally (a little more is added each time) until the product is finished. It involves both development and maintenance. The product is defined as finished when it satisfies all of its requirements. This model combines the elements of the waterfall model with the iterative philosophy of prototyping.

The product is decomposed into a number of components, each of which are designed and built separately (termed as builds). Each component is delivered to the client when it is complete.

This allows partial utilization of product and avoids a long development time. It also creates a large initial capital outlay with the subsequent long wait avoided. This model of development also helps ease the traumatic effect of introducing completely new system all at once.

Advantages of Incremental model:

- Generates working software quickly and early during the software life cycle.
- More flexible – less expensive to change scope and requirements.
- Easier to test and debug during a smaller iteration.
- Customer can respond to each built.
- Lowers initial delivery cost.
- Easier to manage risk because risky pieces are identified and handled during its iteration.

Disadvantages of Incremental model:

- Needs good planning and design.
- Needs a clear and complete definition of the whole system before it can be broken down and built incrementally.
- Total cost is higher than waterfall.

CHAPTER 5

System Requirements

5.1 Hardware Requirements

- Processor: Pentium 4 or higher
- RAM: 512 MB or more
- Memory Space 80 GB or higher.

5.2 Software Requirements

- PHP version 5.4.3
- My SQL Database 5.5.24
- Apache Web Server 2.2.22

5.3 Quality Requirements

- **Functional Quality:** System should comply with or conforms to the given design, based on functional requirements or specifications.
- **Structural quality:** It refers to how it meets non-functional requirements that support the delivery of the functional requirements, such as robustness or maintainability, the degree to which the software was produced correctly.
- **Ease Of Access:** The user among the system must easily be able to move forward into the system and easily and interactively use the various features of the application and the project should be able to respond to the users demand successfully and immediately.
- **Security:** Important requirement of all others is the security. It is the most important part of any project as the information has to be kept secure from malicious users.

- **Reliability:** As it measures the level of risk and the likelihood of potential application failures as well as the defects injected due to modifications made to the software, this is an essential quality requirement.
- **Portability:** The project should be able to swiftly run on any system meeting the mentioned software and hardware requirements.
- **Maintainability:** The maintenance of the project should be easy and the cost required for maintenance should also be efficient.
- **Consistency:** Any operation must be consistent, which means that each operation performed must be performed completely.
- **Size:** While not a quality attribute per se, the sizing of source code is a software characteristic that obviously impacts maintainability.
- **Modularity:** The project must be built after breaking it into various modules so that no point is missed out and the complexity in the analysis, design and coding is reduced.

CHAPTER 6

System Design

6.1 Use Case Diagram

Use case diagrams are used to depict the context of the system to be built and the functionality provided by that system. They depict who (or what) interacts with the system. They show what the outside world wants the system to do.

Following shapes are used in the use case diagram:



ACTOR

Above symbol is known as Actor. This is the person or a system which interact with the running system.



LINK

The symbol above is known as Link. This symbol is used to show the link between the actor and the function which is going to perform by the actor with the system.



USE CASE

The symbol shown above is known as Use case. These symbols represent the functionality of the system.



SYSTEM BOUNDARY

The symbol shown above is known as System Boundary. These symbols collectively show all the functionality together of the system.

Use case diagrams of our system are given below:

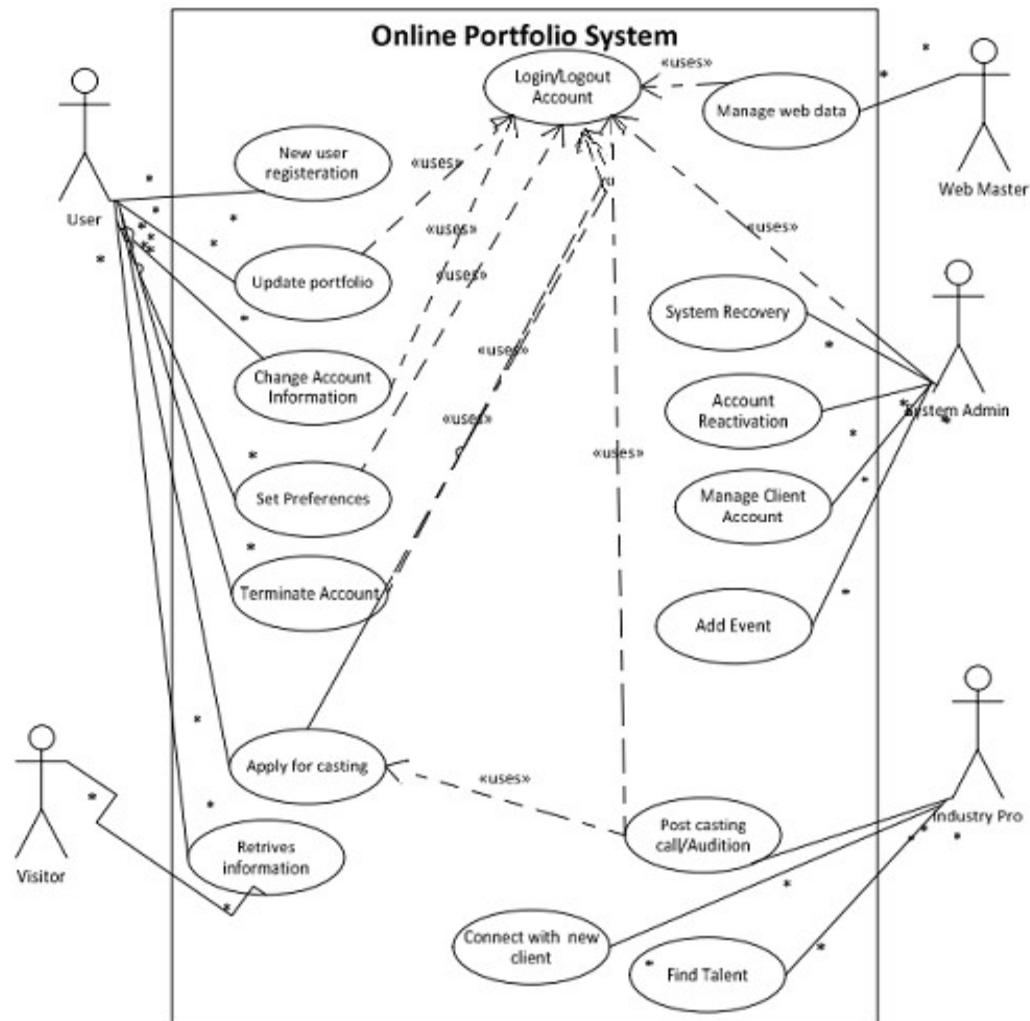


Figure 6.1: Use Case Diagram of Online Portfolio System

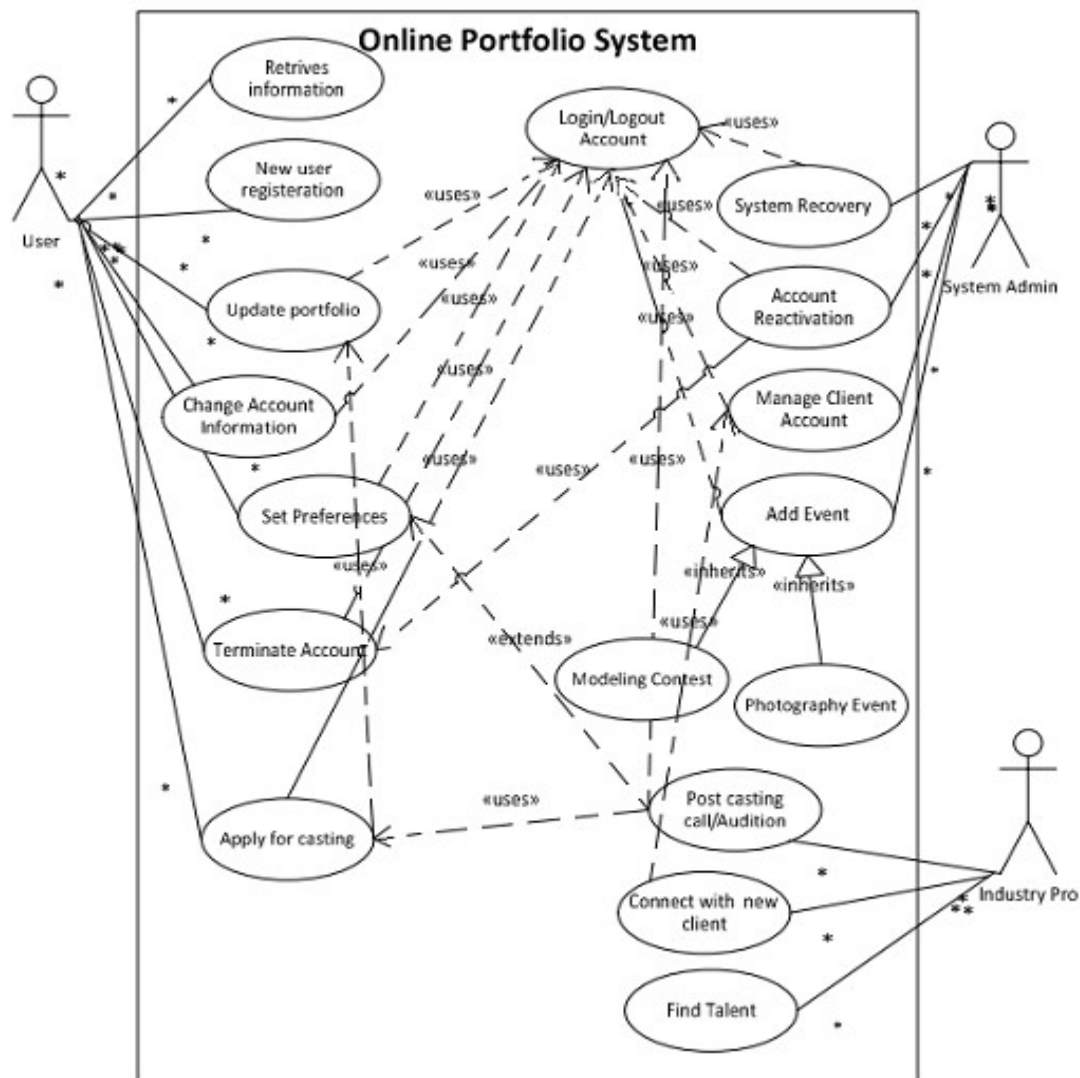


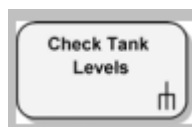
Figure 6.2: Use Case Diagram representing detailed relationships among use cases.

6.2 Activity Diagram

Activity diagrams provide visual depictions of the flow of activities, whether in a system, business, workflow, or other process. These diagrams focus on the activities that are performed and who (or what) is responsible for the performance of those activities.

The various symbols and notations of the Activity diagram are:

Actions: Actions are the elemental unit of behaviour in an activity diagram. Activities can contain many actions which are what activity diagrams depict.



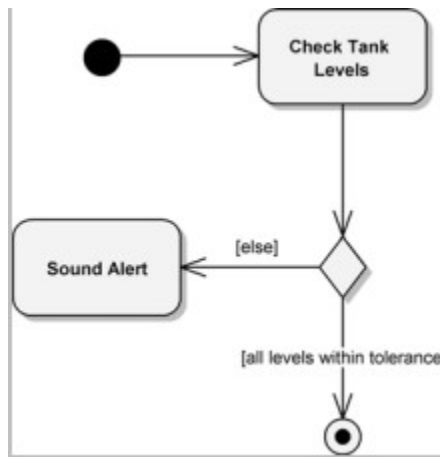
Actions

Since an activity diagram shows a process flow, that flow must start and stop somewhere. The starting point (the initial node) for an activity flow is shown as a solid dot, and the stopping point (the activity final node) is shown as a bull's-eye.



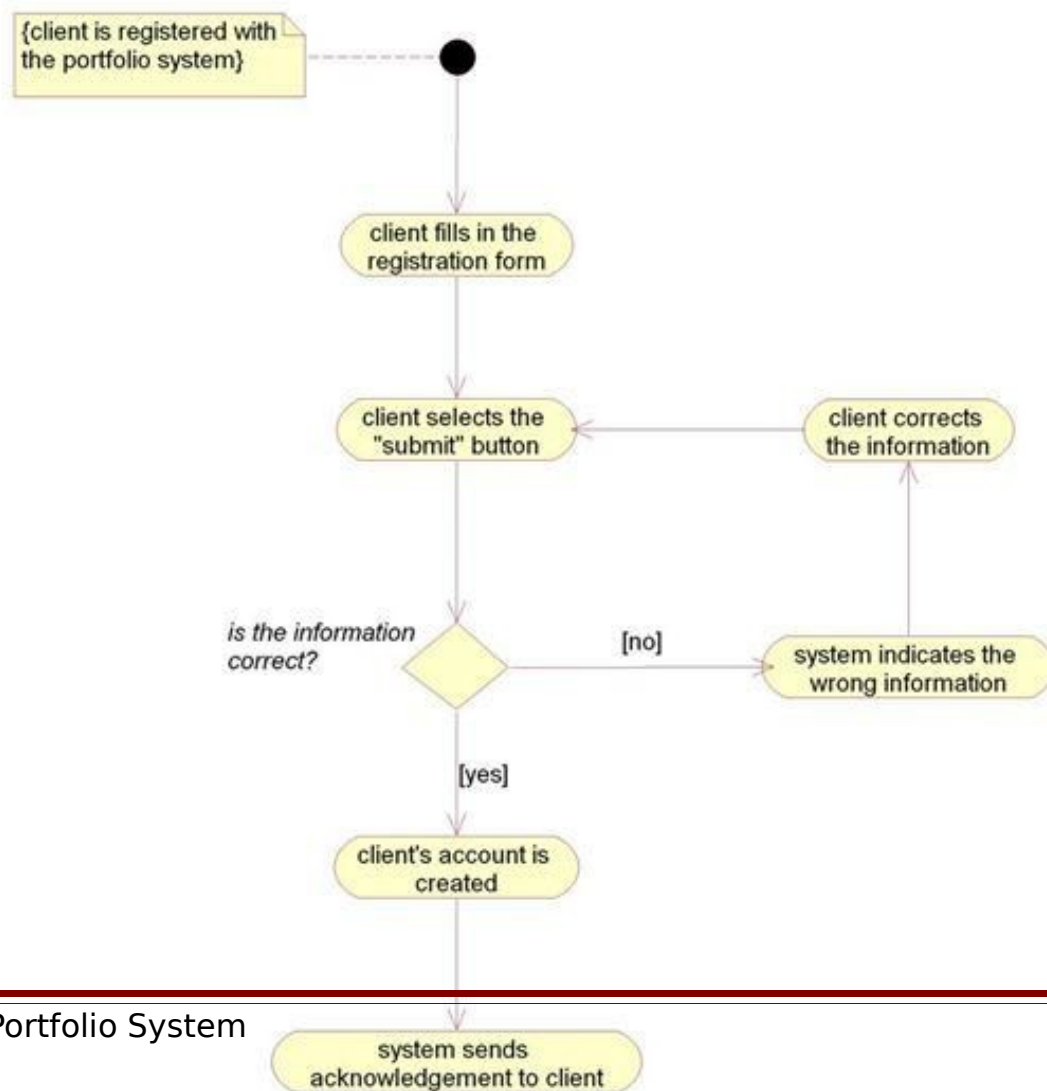
Initial and Final Nodes

Decision and merge nodes control the flow in an activity diagram. Each node is represented by a diamond shape with incoming and outgoing arrows.



Decision Nodes

Activity diagrams of our system are given below:



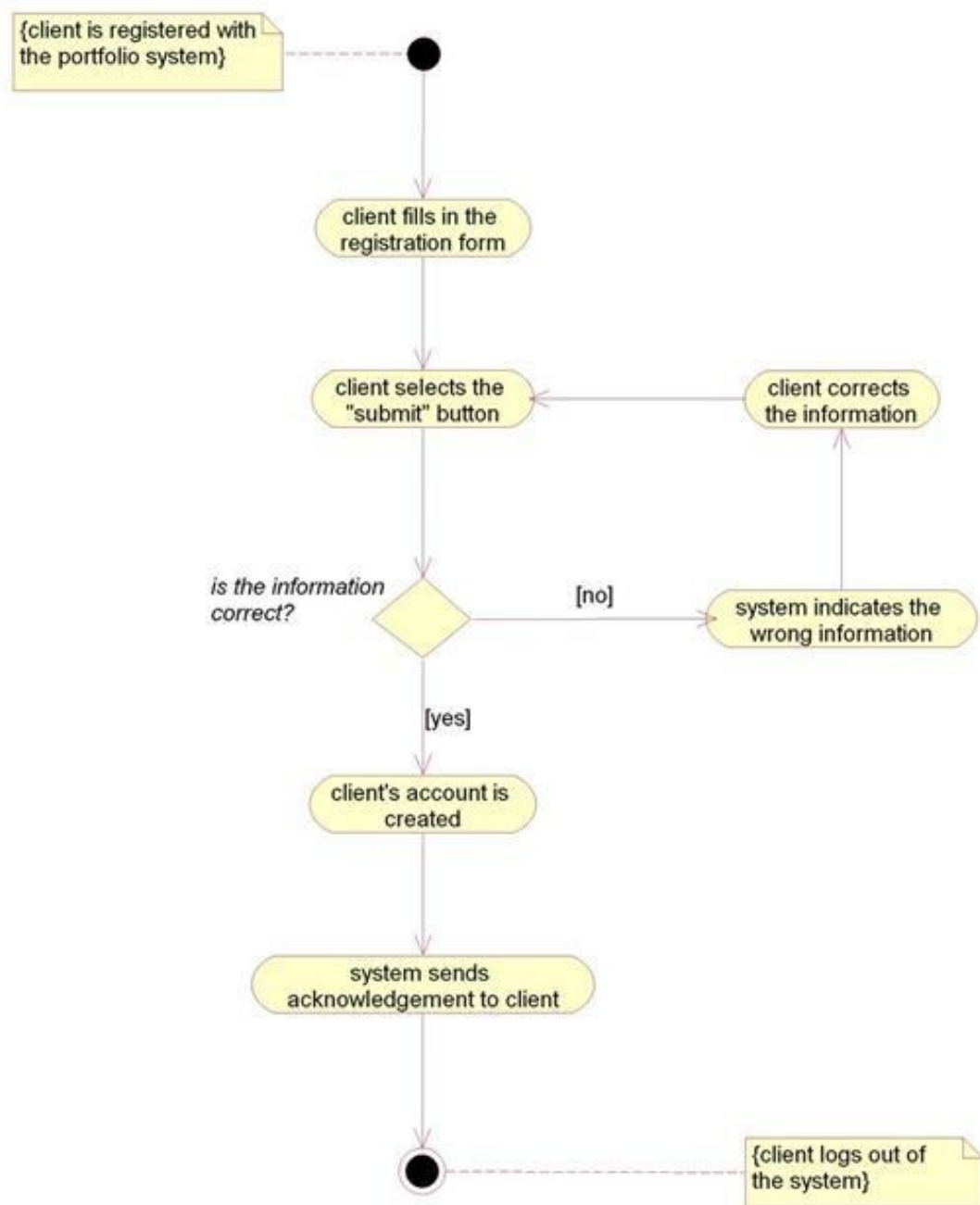


Figure 6.3: Activity Diagram for New User Registration

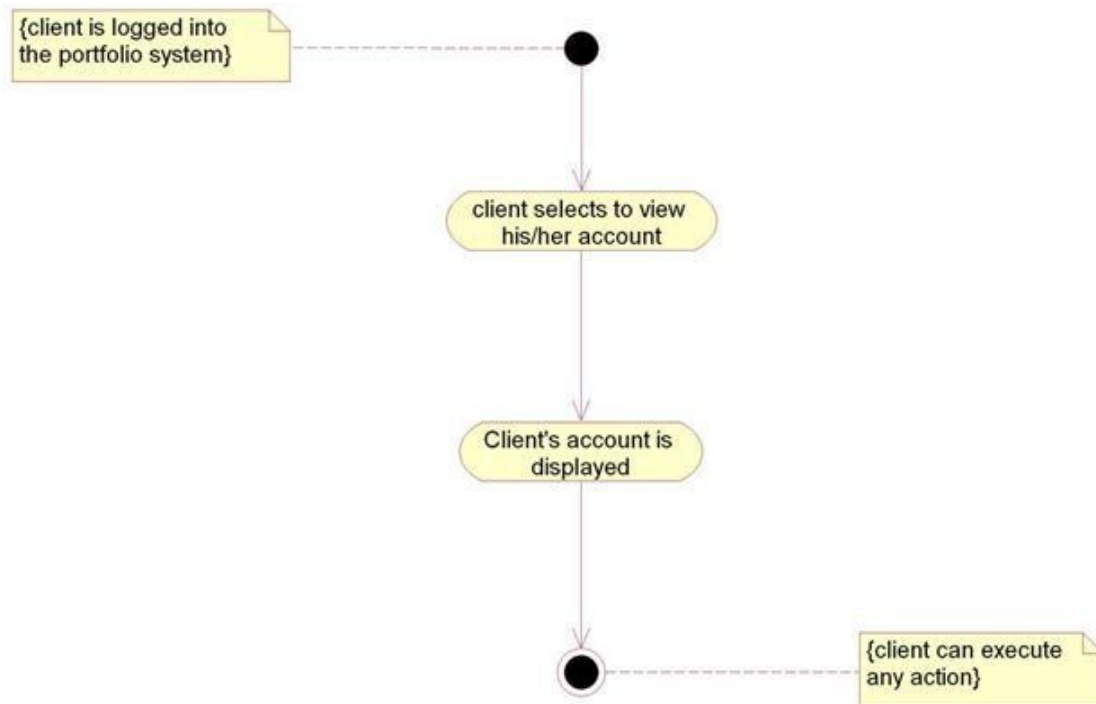


Figure 6.4: Activity diagram for View Account

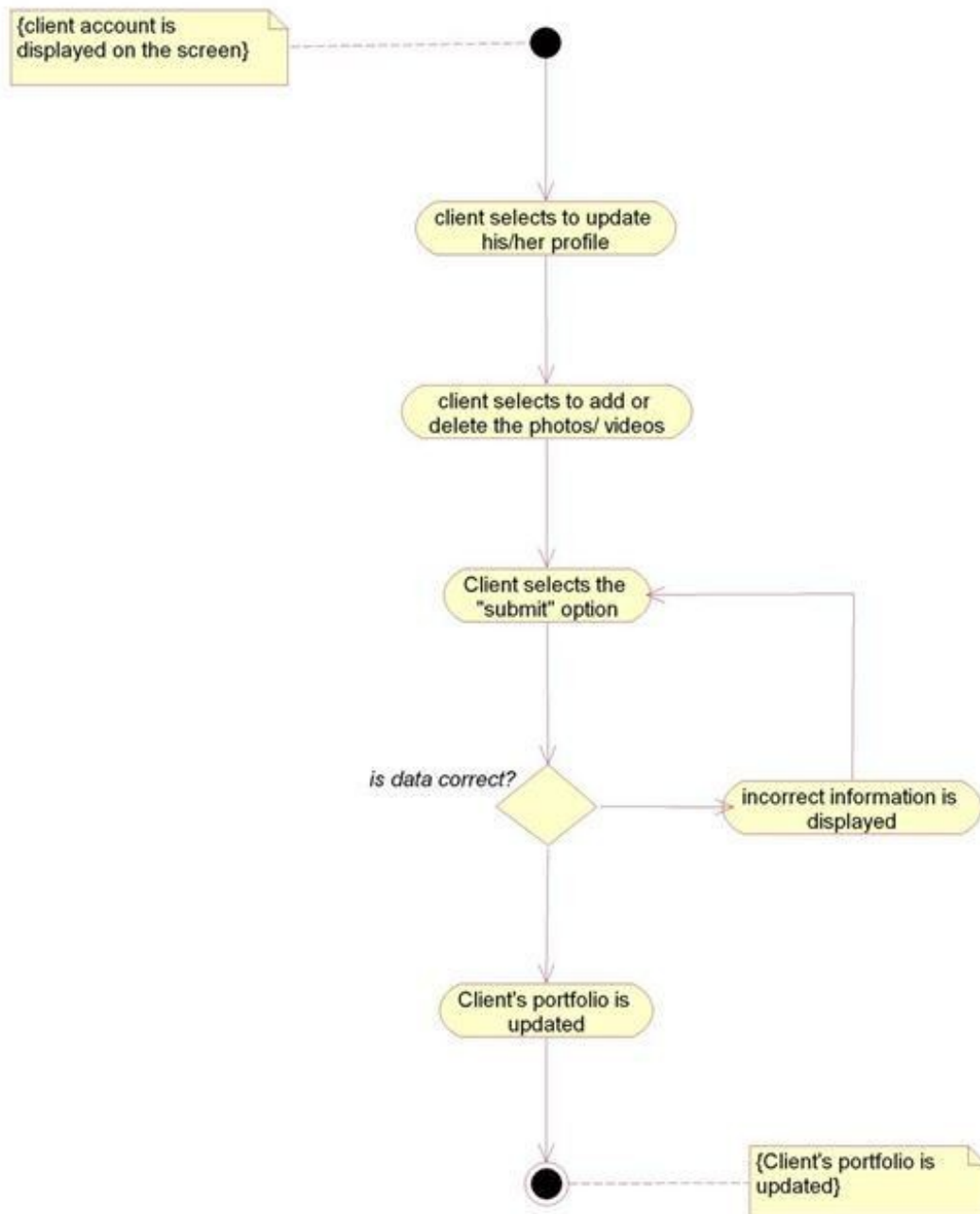


Figure 6.5: Activity diagram for Update Portfolio

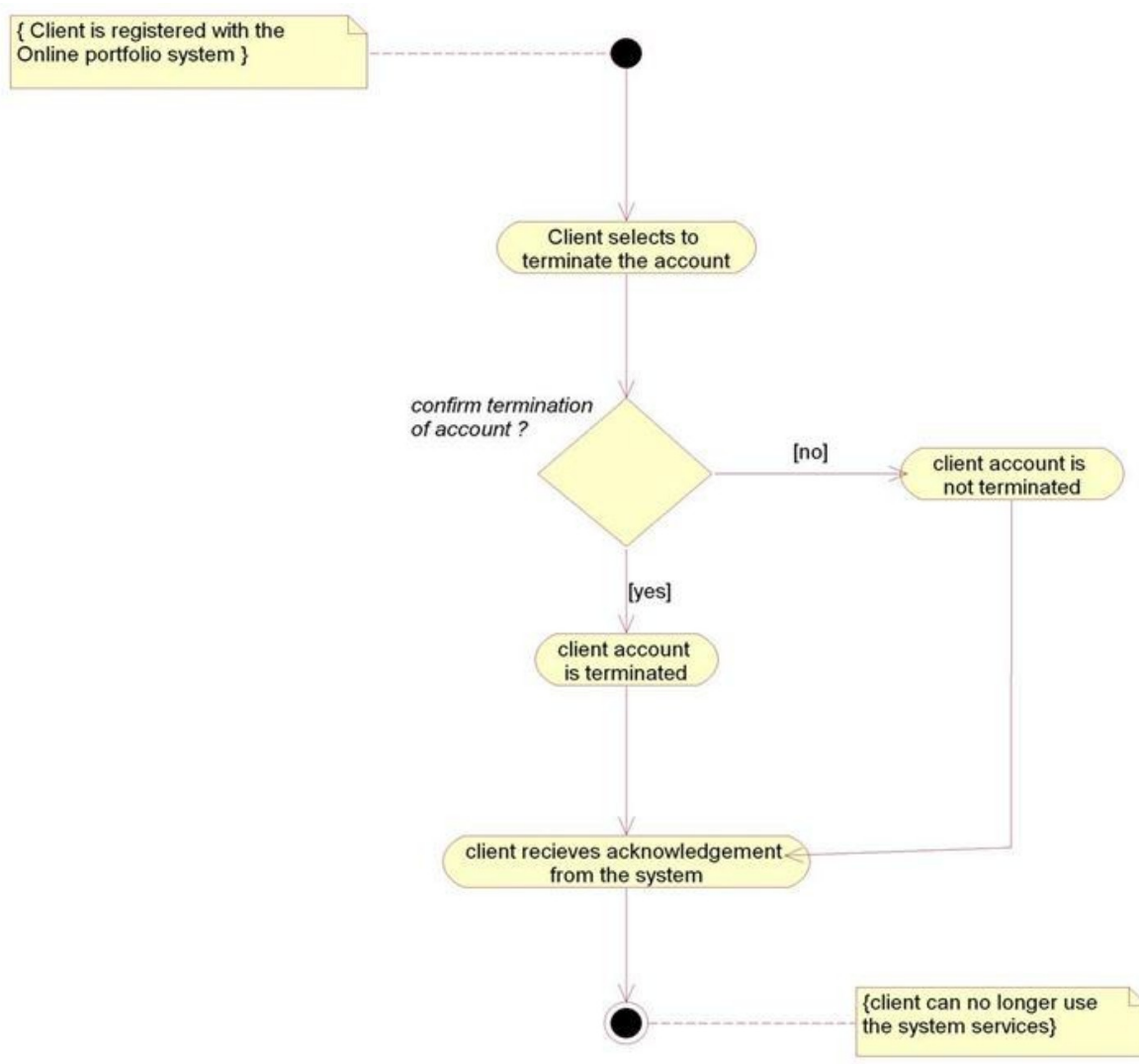


Figure 6.6: Activity diagram for Closing Account

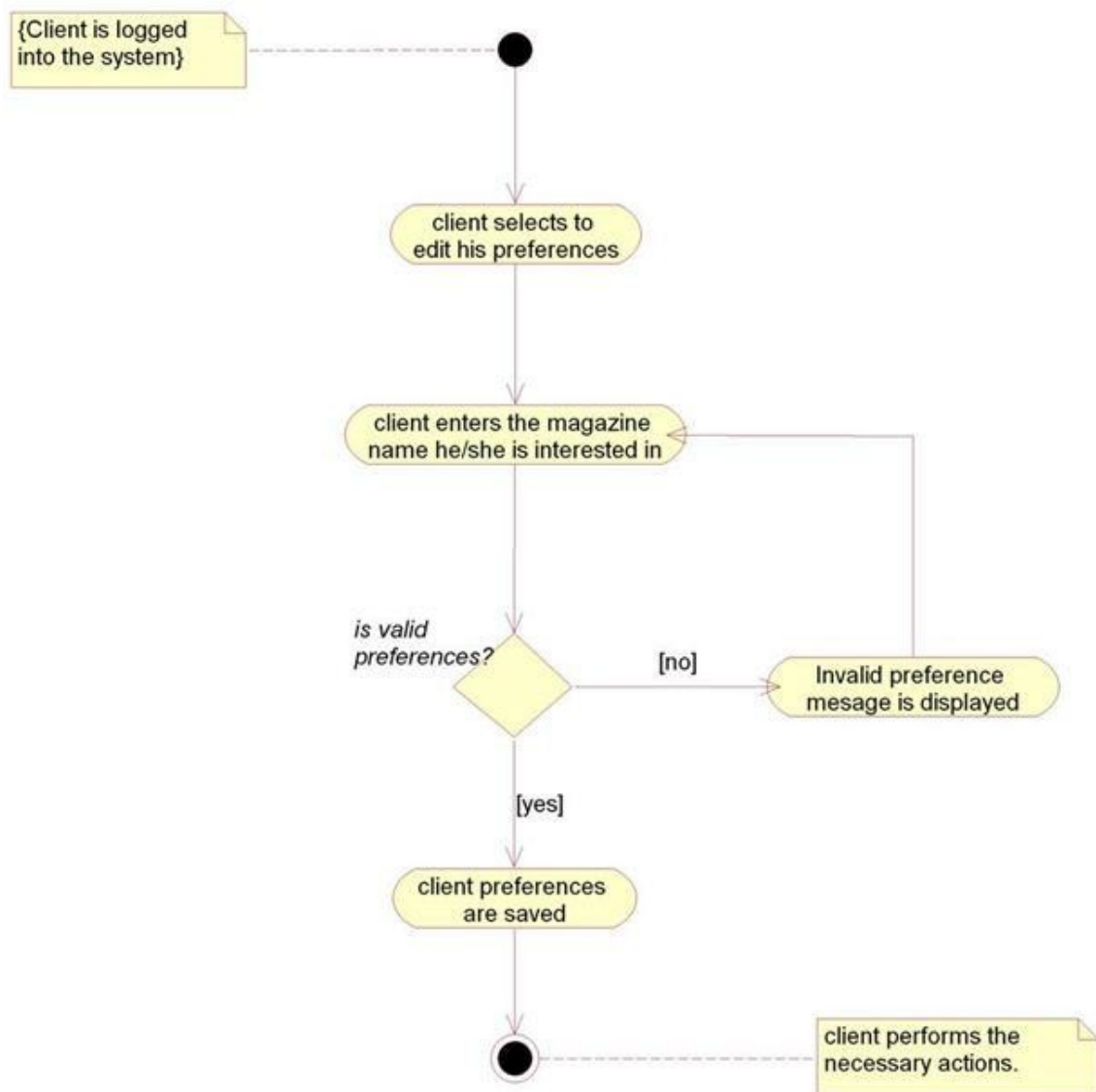


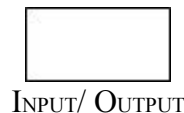
Figure 6.7: Activity diagram for Set Preferences/ Alerts

6.3 Data Flow Diagram

A data flow diagram (DFD) is a graphical representation of the "flow" of data through an information system, modelling its process aspects, DFDs can also be used for the visualization of data processing.

A DFD shows what kinds of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of processes, or information about whether processes will operate in sequence or in parallel.

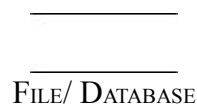
Symbols used in DFD are as follows:



This symbol is used to show the input to the system or process and to show the output from the system or process.



This symbol is used to show the process which held in the system to generate information from the raw input.



This symbol is used to show the database storage of the system. It is common practice to draw the context-level data flow diagram first, which shows the interaction between the system and external agents which act as data sources and data sinks. On the context diagram the system's interactions with the outside world are modelled purely in terms of data flows across the *system boundary*.

Following figures depict different levels of DFDs of proposed system:

6.3.1 DFD Level 0

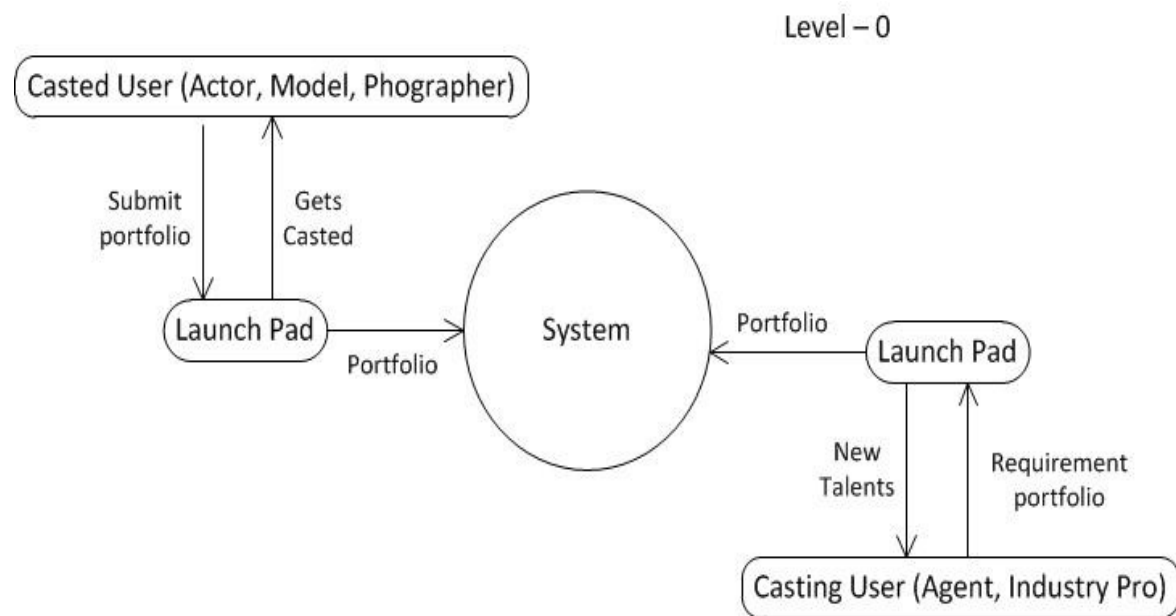


Figure 6.8: DFD Level 0

6.3.2 DFD Level 1.0

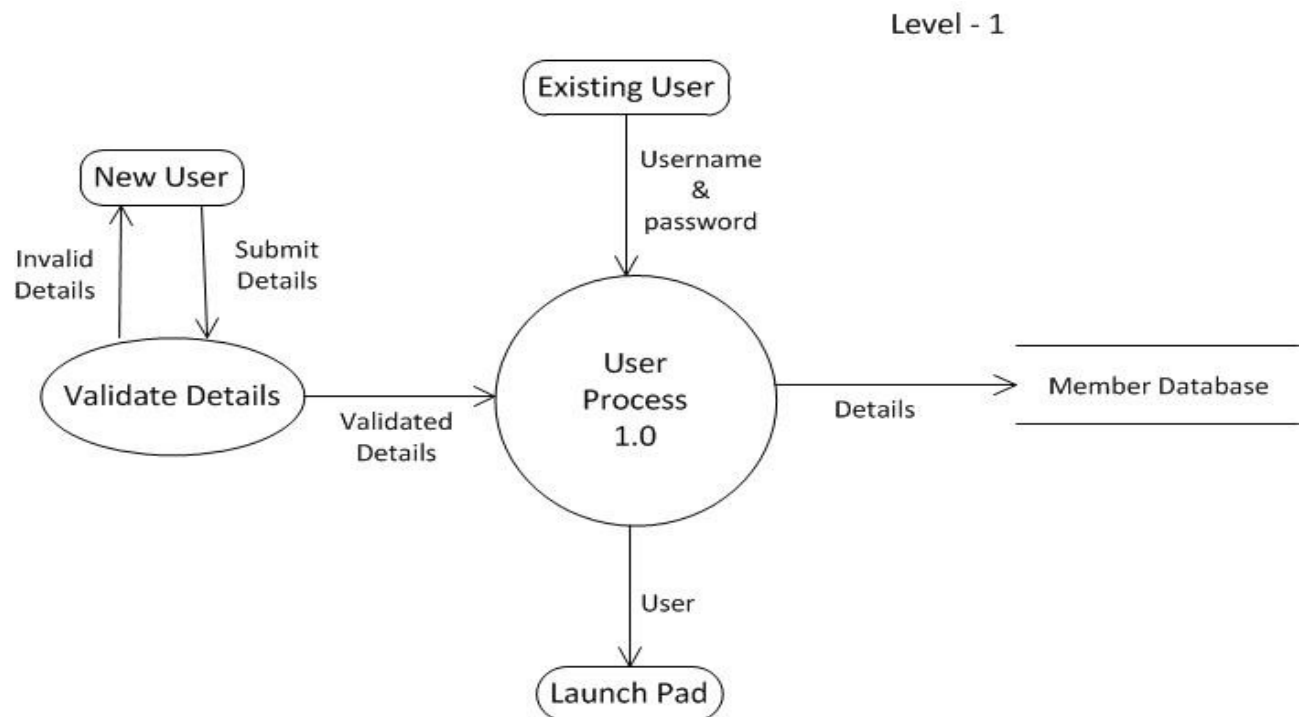


Figure 6.9: DFD Level 1.0

6.3.3 DFD Level 1.1

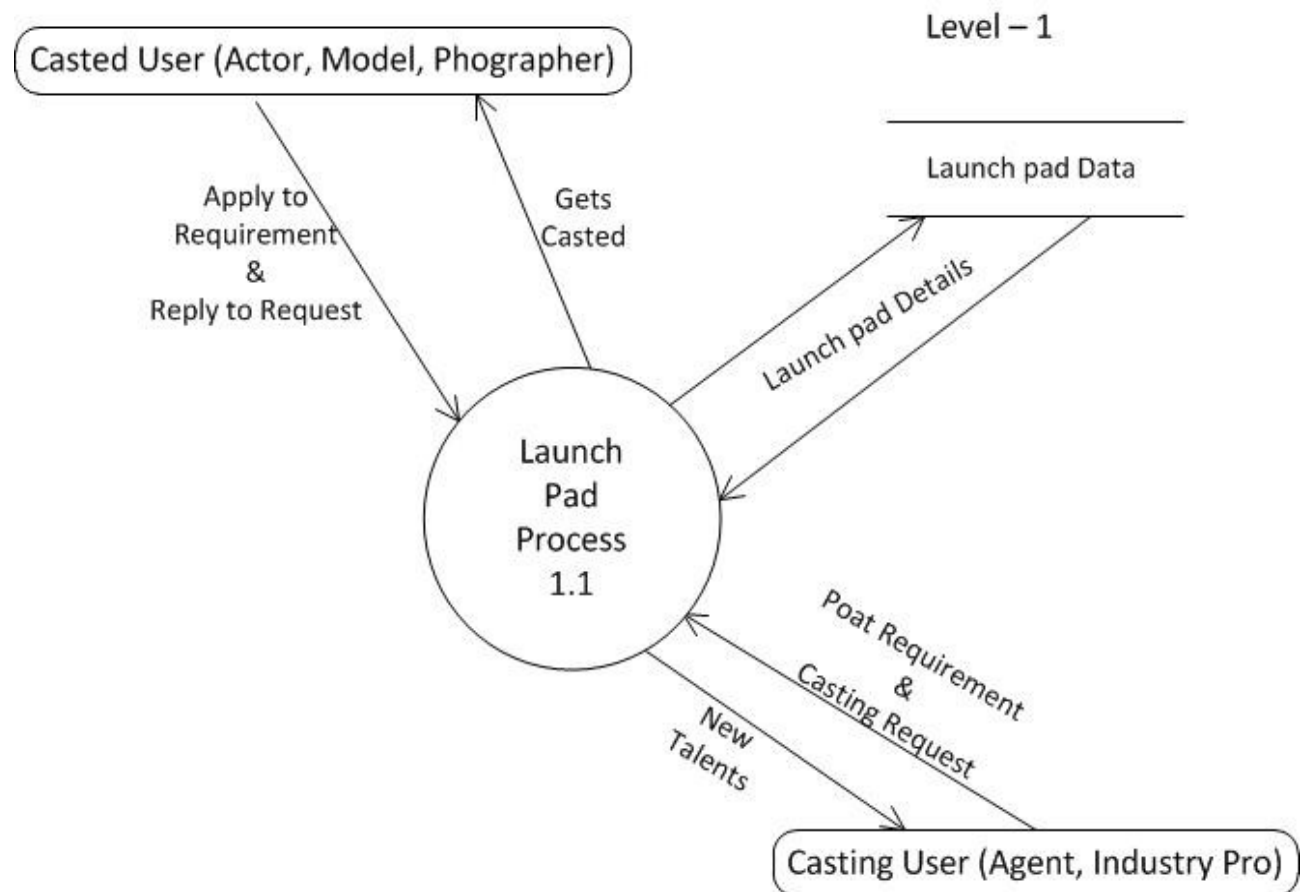


Figure 6.10: DFD Level 1.1

6.3.4 DFD Level 2.0

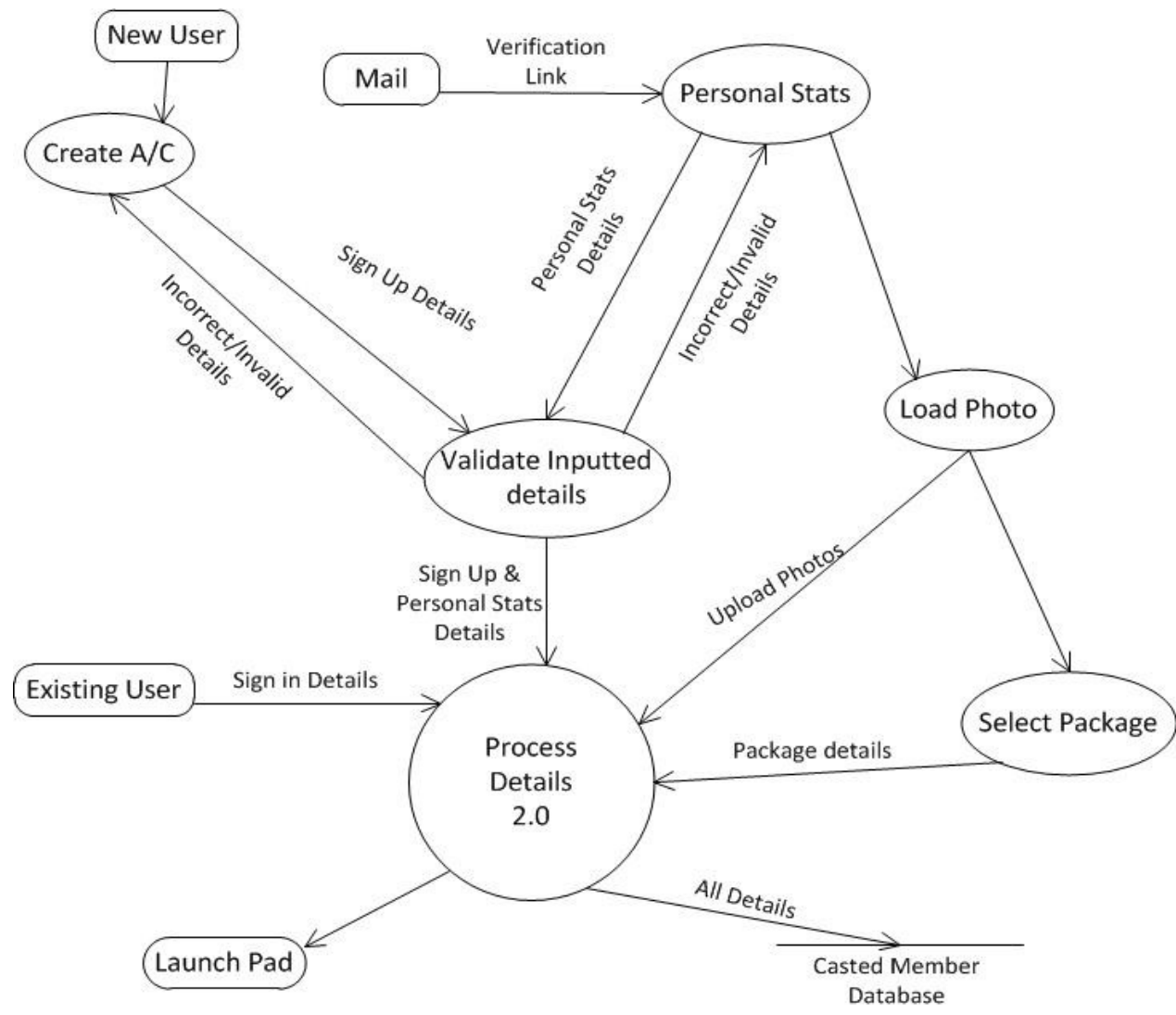


Figure 6.11: DFD Level 2.0

6.3.5 DFD Level 2.1

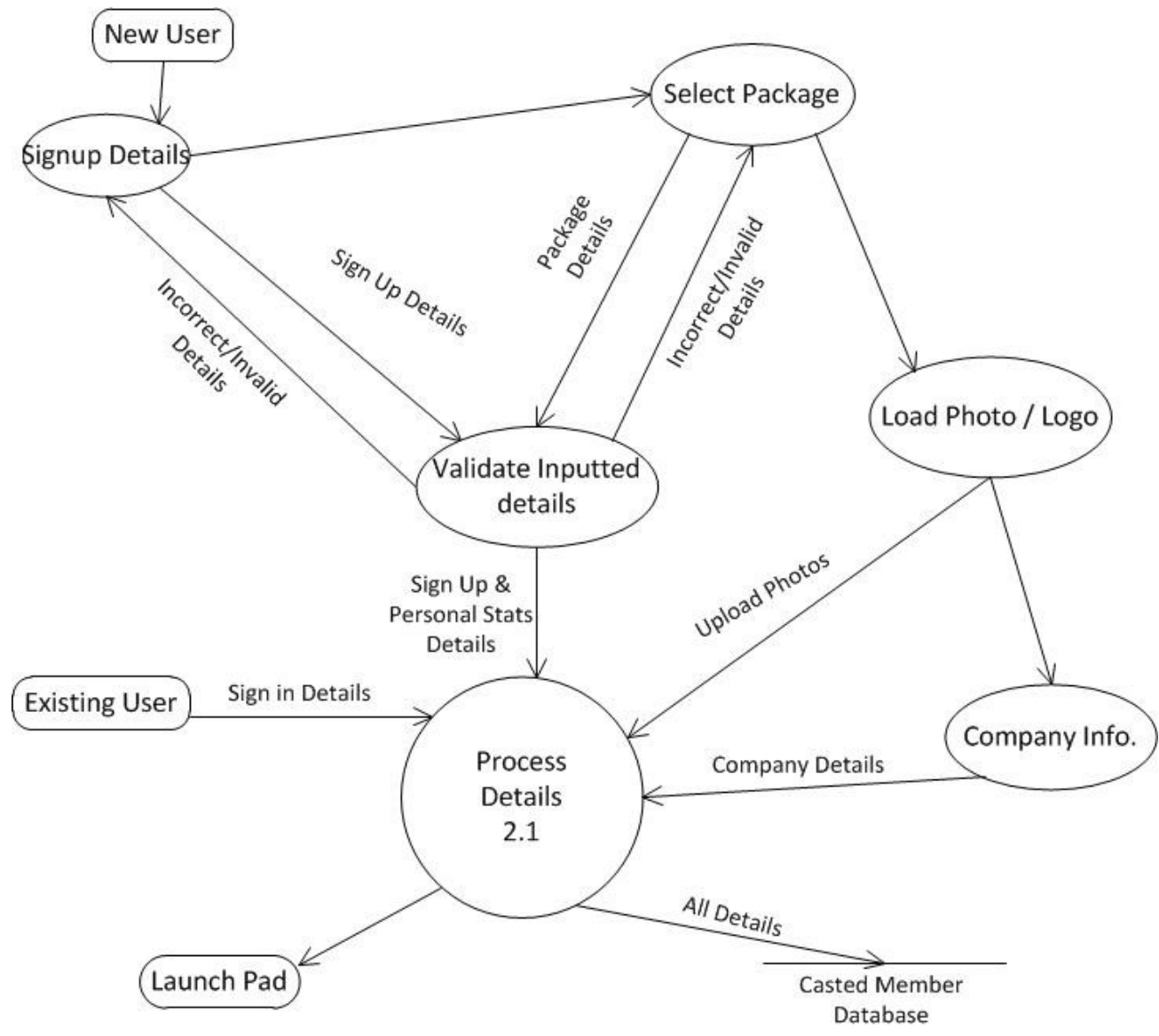


Figure 6.12: DFD Level 2.1

6.3.6 DFD Level 2.2

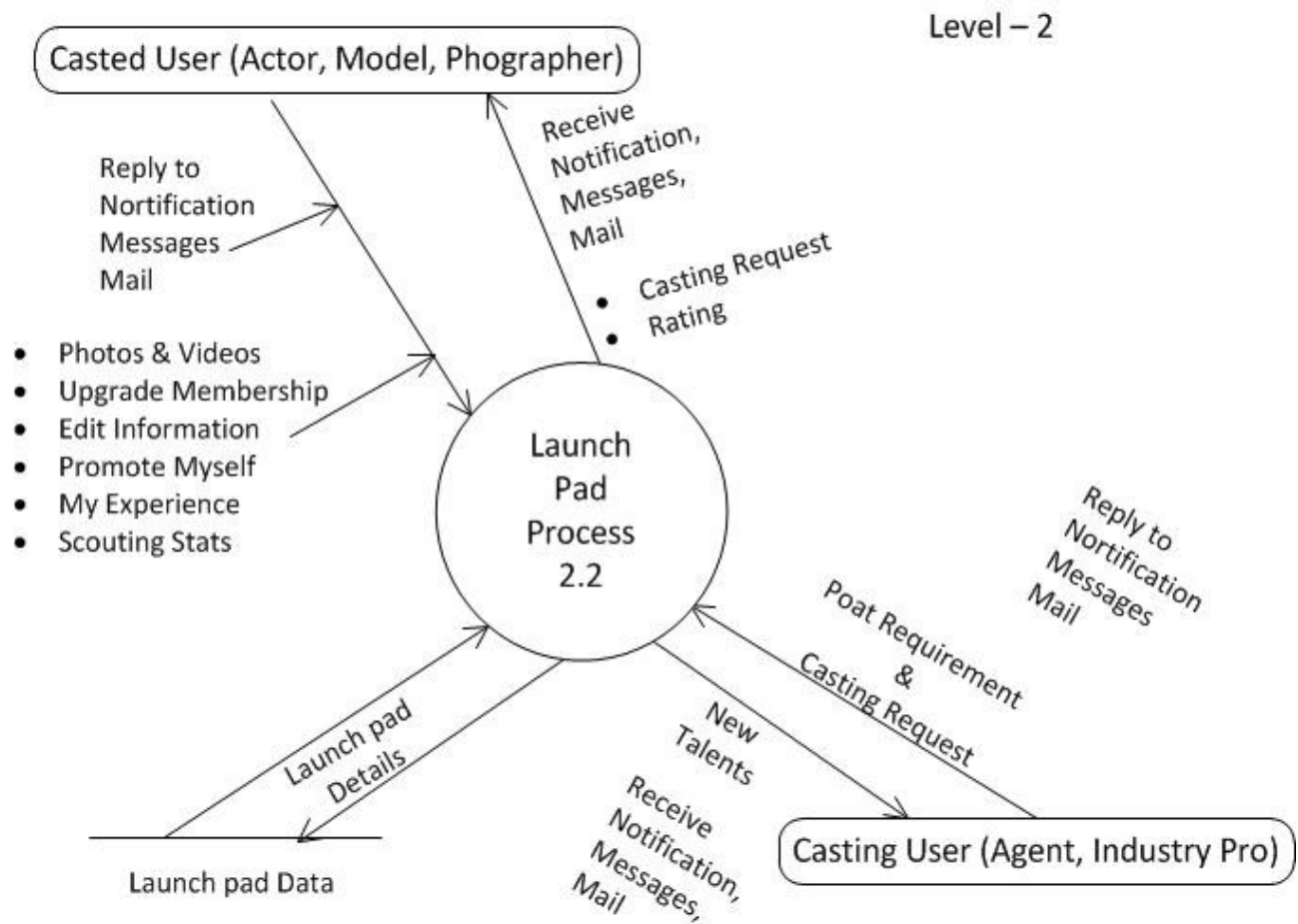


Figure 6.13: DFD Level 2.2

6.4 Data Dictionary

Data dictionary can be defined as "centralized repository of information about data such as meaning, relationships to other data, origin, usage, and format." The term may have one of several closely related meanings pertaining to databases and database management systems (DBMS):

- a document describing a database or collection of databases.
- an integral component of a DBMS that is required to determine its structure.
- a piece of middleware that extends or supplants the native data dictionary of a DBMS.

6.4.1 Contact_info

Description: This table contains details posted on the contact us form. It is used to maintain records for getting feedbacks, suggestions, testimonials etc. from users through message posts.

Field	Datatype	Constraints	Comments
<u>contactid</u>	bigint(4)	Primary Key	Auto incrementable Contact Id
Name	varchar(25)	Not null	Name of the person who submits contact form
Emailid	varchar(30)	Not null	Email address of the person
contactno	varchar(20)		Contact No of the person
Subject	varchar(20)		Subject of the message
Message	Text	Not null	Message body

Table 6.1: contact_info

6.4.2 User_info

Description: This table contains various user information. Values are achieved by registration.

Using this information a user will be able to log into the system.

Field	Datatype	Constraints	Comments
<u>Id</u>	int(11)	Primary Key	Auto incrementable User Id
username	varchar(25)	Not null	Name of the user
password	char(64)	Not null	Password of the user
Salt	char(16)		Randomly generated salt to protect against brute force attack
Gender	Text	Not null	Gender of the user
Email	varchar(255)	Not null	Email of the user
Usertype	Text	Not null	Type of the user(Model/Actor/Photographer etc)
Age	int(11)	Not null	Age of the user

Table 6.2: user_info

6.4.3 Image_info

Description: This table contains information about the portfolio image stored in a user account.

Field	Datatype	Constraints	Comments
<u>Image Id</u>	int(11)	Primary Key	Auto incrementable Image Id
Name	varchar(32)	Not null	Name of image
image	Longblob		Image data
type	Text		Type/extension of the image
Size	varchar(25)		Size of the image

Table 6.3: image_info

6.4.4 Admin_info

Description: It contains administrator information, using which admin will be able to login and can manage member records.

Field	Datatype	Constraints	Comments
<u>Adminid</u>	bigint(4)	Primary Key	Auto incrementable Admin Id
Password	varchar(50)	Not null	Password
Name	varchar(80)	Not null	Name of admin
Address	text		Address of admin
Contactno	varchar(25)		Contact No of admin

Table 6.4: admin_info

6.4.5 Visitordata

Description: It contains comments posted by a user in guestbook together with the time when comment was posted and the name of visitor.

Field	Datatype	Constraints	Comments
<u>Entryid</u>	bigint(20)	Primary Key	Auto incrementable Entry Id
timestamp	Timestamp	Default: CURRENT_TIMESTAMP	Timestamp of entry
Name	varchar(20)	Not null	Name of visitor
comment	mediumtext	Not null	Comment posted by visitor

Table 6.5: visitordata

7.1 Snapshots

Home Page

Gives you the basic information about Portfolio Planet website and includes user testimonials.



Figure 7.1: Home Page of Portfolio Planet

About Us

Includes Brief description of what Portfolio Planet does and gives you overview of this system by means of a short video.

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN STRATEGIC PARTNERS CONTACT OUR BLOG

PORTFOLIO PLANET
Connecting talented folks with talent seekers through portfolios...!!

What do we do?

Our task is simple. We simply connect talented folks with the talent seekers. So if have a unique talent in Modelling, Acting or Photography Field or you are a pro looking for a talent in above-mentioned fields than Portfolio Planet is perfect place for you.

The first step in the acquisition of wisdom is silence, the second listening, the third memory, the fourth practice, the fifth and most essential one is to sign up with Portfolio Planet. :)

Portfolio Planet is not an agency. We provide the premier online service for models, actors, child talent and photographers to display their portfolios on and get job offers from.

An advantage of PortfolioPlanet over a typical modeling or talent agency is that, unlike an agency which takes few percentage of commission on the earning you make, Portfolio Planet takes no commission - 0 - from each job you get through your portfolio!

You may live in Mumbai (for example) and have a unique look or talent that fits the market in Delhi and Chennai (but not Mumbai), which means that unless you get casting exposure through Portfolio Planet, you are missing valuable opportunities! An agency in Mumbai may send your photo (along with 50 others) to local castings for catalog work but not to castings for editorial or television. On Portfolio Planet, your portfolio will be seen by casting agents from around the world looking for talent & models for television, film, commercials and more! With Portfolio Planet you have the opportunity to get modeling contracts not only with local agencies in Mumbai but also in top agencies in anywhere in the world!

Sign Up and get your own portfolio by clicking below.
[Register yourself with Portfolio Planet.](#)

Facts about Portfolio Planet

By launching your career with a Portfolio Planet model or acting portfolio, users can receive casting calls directly from the top casting agents in film and fashion. As a result, eligible models and actors on Portfolio Planet can receive modeling jobs, modeling contracts, casting calls and acting jobs from major film studios, TV networks, top modeling and talent agencies.

Testimonials:

Aria(Child Talent) says:"I got an interview with a well known commercial modeling agency and received my first cover offer! Thank you Portfolio Planet!"

Rahul says:"My baby was picked to be one of the next commercial of a Toys Making agency. No words would be enough to thank Portfolio Planet"

Manoj(Photographer) says:"Portfolio Planet has truly launched my career! They perform perfect discoveries on undiscovered geniuses..."

Anmol(Industry Pro) says:"You people have really reduced the

Figure 7.2: About Portfolio Planet

Members

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Portfolio Planet
Connecting talented folks with talent seekers through portfolios...!!

Login

Username:

Password:

[Not a member? Register Now](#)

[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.3: Members Page

Registered members may log into the system using their registered username and password. If not registered, then anyone willing to register with Portfolio Planet can fill up the registration form by clicking the link below the login form.

Registration Form



The screenshot shows the 'Portfolio Planet' website's registration form. At the top, the site's logo and name 'Portfolio Planet' are displayed. Below this is a navigation menu with links: HOME, ABOUT US, MEMBERS, ADMIN, CONTACT, and OUR BLOG. A large banner features the site's logo and the tagline 'Connecting talented folks with talent seekers through portfolios...!!'. The registration form itself is titled 'Register' and includes the following fields: *Username, *E-Mail, *Password, *Gender (with radio buttons for Male and Female), *User type (with radio buttons for Model, Actor, Photographer, Industry Pro, and Agency Pro), and *Age. A 'SUBMIT' button is located below the form fields. A note states 'Fields succeeded by * are mandatory.' The footer contains a navigation menu with links: Home, About Us, Members, Admin, Contact, and Our Blog, along with the text 'Design by Harit Soni & Sagar Patel'.

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Register

*Username:

*E-Mail:

*Password:

*Gender: ☐ Male ☐ Female

*User type: ☐ Model ☐ Actor ☐ Photographer ☐ Industry Pro ☐ Agency Pro

*Age:

SUBMIT

Fields succeeded by * are mandatory.

[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.4: Registration Form

Basic user information is filled up using above registration form and is stored into the database of the system for referring to a user. Only registered users are allowed to view other members' information after logging in. Form validation is done on user side.

Registration Form (Validation)

The screenshot shows the Portfolio Planet website's registration form. The form is titled "Register" and includes several input fields with associated validation messages in red boxes:

- *Username:** The input field contains "aria". A red box above it says "* Minimum 5 characters allowed".
- *E-Mail:** The input field is empty. A red box above it says "* This field is required" and "* Invalid email address".
- *Password:** The input field contains four dots. A red box above it says "* Minimum 6 characters allowed".
- *Gender:** Radio buttons for "Male" and "Female". "Female" is selected.
- *Ustertype:** Radio buttons for "Model", "Photographer", "Industry Pro", and "Agency Pro". "Model" is selected. A red box above it says "* Numbers only".
- *Age:** The input field contains "a". A red box above it says "* Numbers only".

A "SUBMIT" button is located below the form fields. At the bottom of the form, a message states: "Fields succeeded by * are mandatory." The footer of the page includes navigation links: Home, About Us, Members, Admin, Contact, Our Blog, and the text "Design by Harit Soni & Sagar Patel".

Figure 7.5: Registration Form Validation

Typical validation rules are:

1. All the fields in the form are mandatory.
2. Username must contain at least five characters.
3. Email must be validated.
4. Password must contain at least six characters.
5. Age must not contain letters or special characters.


Members account



Figure 7.6: Members account view

After logging in, the members will get the glimpse as depicted in above snapshot. Users are able to upload their portfolio image, view other members' information, edit /update their account. They can edit their account as well as connect/apply for vacant places provided by the system. They can delete their account if they wish to and they can log out of the system after their intended work is done.

Members account → Upload Portfolio Image


Portfolio Planet 

[HOME](#) [ABOUT US](#) [MEMBERS](#) [ADMIN](#) [CONTACT](#) [OUR BLOG](#)

List Images

Image Name	Type	Size
377212_461312417253406_263460165	jpeg	width="720" height="511"
377212_461312417253406_263460165	jpeg	width="720" height="511"
NicePOST by bhaakshala.JPG	jpeg	width="429" height="479"
385588_460731880644793_151917705	jpeg	width="785" height="604"
3105_389018491170903_1004626994	jpeg	width="554" height="425"
take-a-break-kit-kat-guerilla-ma	jpeg	width="466" height="310"

IMAGE:



1 hour before dental appointment
The best brushing you will do all year

Upload Form

No file chosen

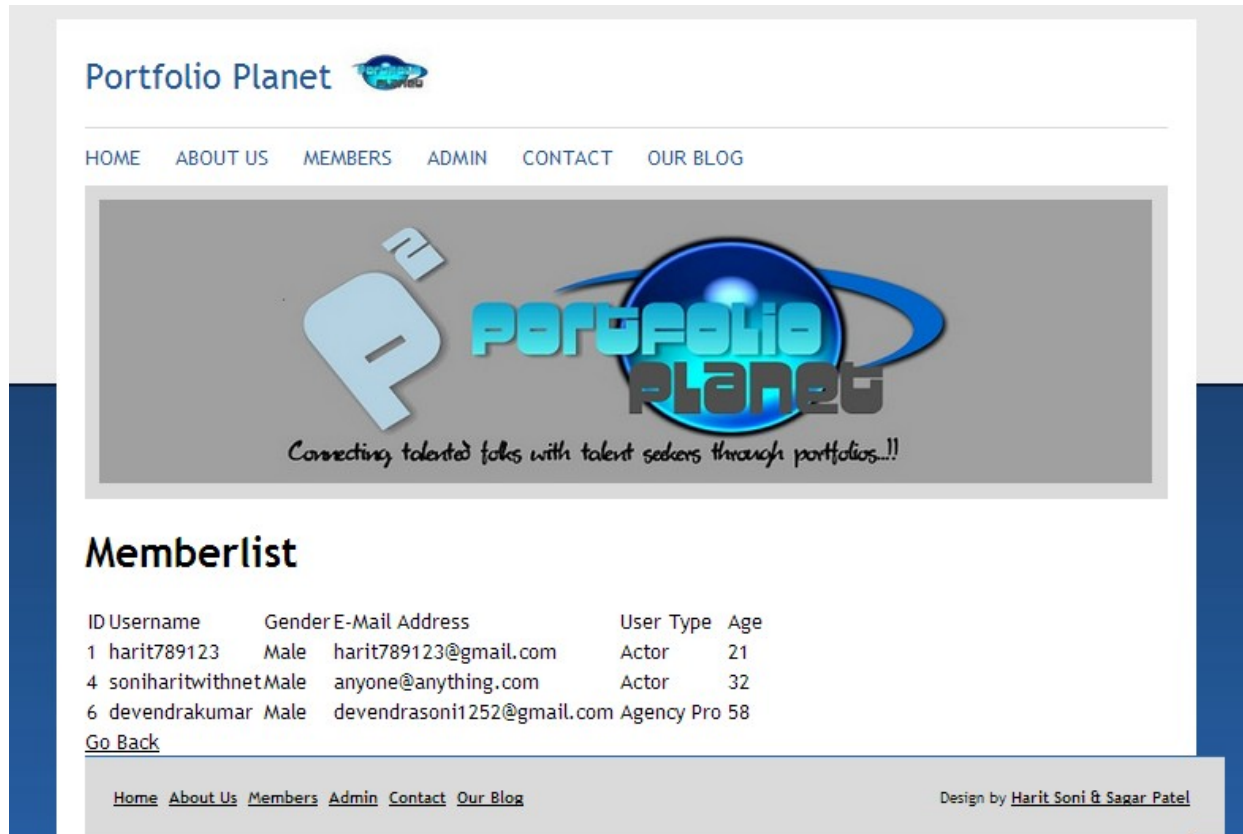
[Go Back](#)

[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#) Design by [Harit Soni & Sagar Patel](#)

Figure 7.7: Upload Portfolio Image

Users can upload their portfolio image as well as see their uploaded contents. The images are stored in database for future use by the members.

Members account → Members List



Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Memberlist

ID	Username	Gender	E-Mail Address	User Type	Age
1	harit789123	Male	harit789123@gmail.com	Actor	21
4	soniharitwithnet	Male	anyone@anything.com	Actor	32
6	devendrakumar	Male	devendrasoni1252@gmail.com	Agency Pro	58

[Go Back](#)

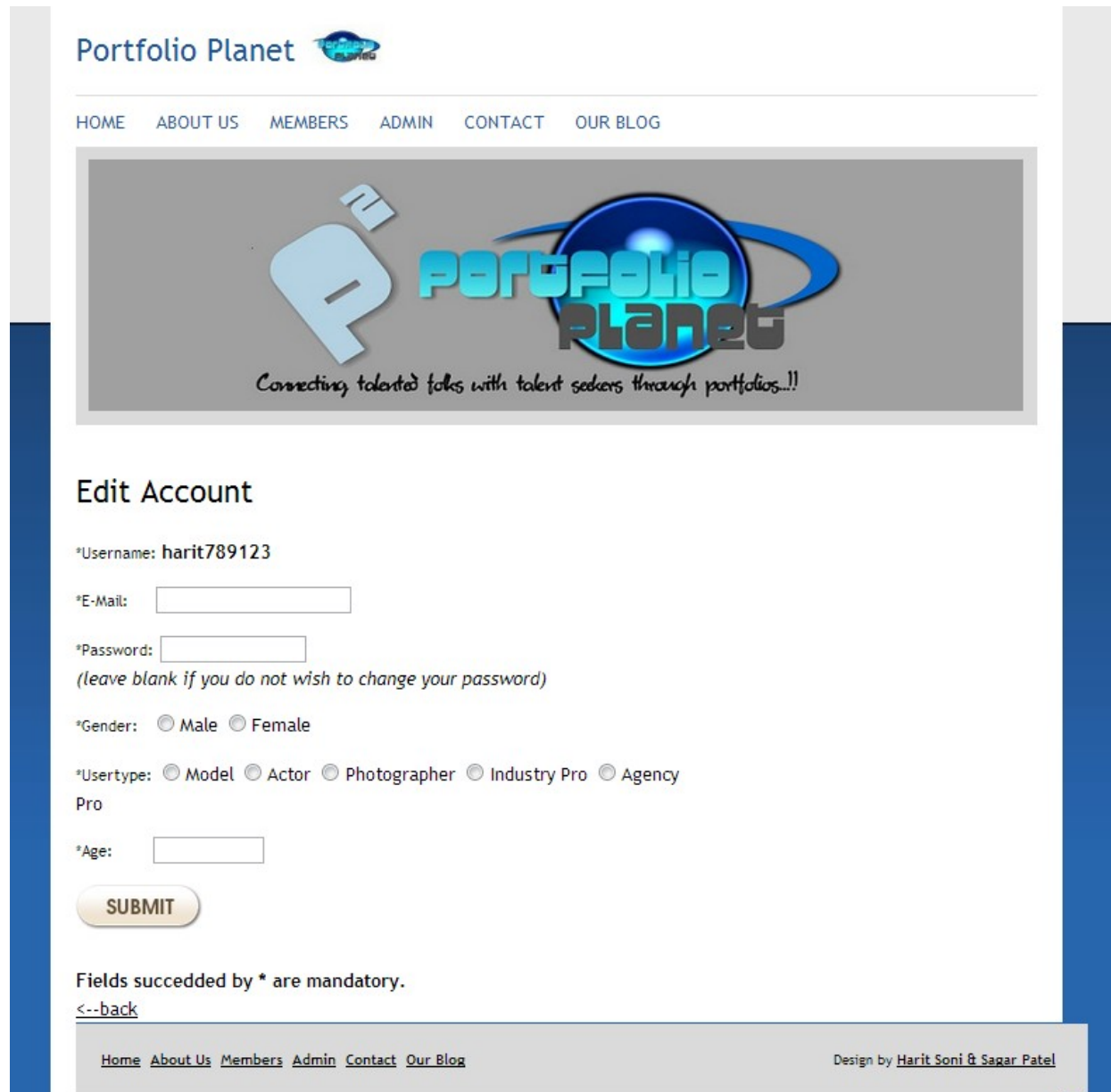
[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.8: Members List

After logging in, users can view list of members registered with Portfolio Planet together with their basic information such as gender, age, user type and e-mail address.

Members account → Edit Account



The screenshot shows the Portfolio Planet website interface. At the top, there is a navigation bar with links: HOME, ABOUT US, MEMBERS, ADMIN, CONTACT, and OUR BLOG. Below the navigation bar is a large banner featuring the Portfolio Planet logo and the tagline "Connecting talented folks with talent seekers through portfolios...!!". The main content area displays the "Edit Account" form. The form includes fields for Username (pre-filled with "harit789123"), E-Mail, Password, Gender (radio buttons for Male and Female), Usertype (radio buttons for Model, Actor, Photographer, Industry Pro, and Agency Pro), and Age. A "SUBMIT" button is located below the form. A note states: "Fields succeeded by * are mandatory." Below the form is a link to "<--back". The footer contains a navigation bar with links: Home, About Us, Members, Admin, Contact, and Our Blog, and a credit line: "Design by Harit Soni & Sagar Patel".

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Connecting talented folks with talent seekers through portfolios...!!

Edit Account

*Username: harit789123

*E-Mail:

*Password:
(leave blank if you do not wish to change your password)

*Gender: ☐ Male ☐ Female

*Usertype: ☐ Model ☐ Actor ☐ Photographer ☐ Industry Pro ☐ Agency Pro

*Age:

SUBMIT

Fields succeeded by * are mandatory.

[<--back](#)

[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.9: Edit Account Form

Whenever required, a user can edit/ update his/her sign up details. Username once used can not be changed and a unique e-mail address must be used by every individual member.

If user doesn't want to change password, then he ought to put the password field blank.

Above fields are also validated on client side.

Members account → Connect With Us

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Latest: on 01-11-2012

Vacancy for a Photographer who knows Candid Photography very well.
Posted By Lucky Photography Studio

The photographer must have full knowledge and command over the variety of cameras, lights and props, and all kinds of photographic techniques. They should have a sense of light and shade and the magic of colours. Photographer must have creativity, determination and good powers of observation. They must also have the ability to work quickly under pressure, in difficult conditions and irregular hours. Besides the academic requirements, having a background in computers or electronics, related work experience and training would be beneficial for making a break in our studio.

Apply for it:

Name:

Description:

submit

Entry No: 1

Name: Harit

Description: Hey there...!! This is Harit Soni having 5 years experience in this field. My username is harit789123. Thank you for your kind consideration.

Model & actor Gavie Chahal makes debut with EK THA TIGER

Mumbai, November 1, 2012

GAVIE CHAHAL Gavie Chahal, a mechanical engineer who was Mr. Punjab in 2001 and had debuted in TV soap 'Mohe Rang De' on Colors and was last seen in Mrs. Kaushik Ki 'Paanch Bahuein' on Zee TV, is all set to debut in Bollywood with the most talked about film EK THA TIGER.

Daughter of Mahesh Bhatt, Alia Bhatt starts her carrier with Student Of The Year.

Student of the year was a remarkable start of my carrier says Alia when interviewing with Portfolio Planet.

Figure 7.10: Connect with us

Online Portfolio System

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User may apply for vacancies as given in above example. Eligible candidates will be given opportunities by Portfolio Planet.

Admin Login



Portfolio Planet

HOME ABOUT US MEMBERS **ADMIN** CONTACT OUR BLOG

PORTFOLIO PLANET
Connecting talented folks with talent seekers through portfolios...!!

Admin Login

Admin Login ID (required)

Password (required)

SUBMIT

[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.11: Administrator login

Administrator is one who can manage different user accounts of the system. Registered administrator may log into the system by clicking admin tab on the top of the website. Log in is successful if the login details are correct and session gets started.

Admin Menu



Figure 7.12: Administrator Menu

Administrator can manage different accounts by clicking the link on the link pointed out using oval in above snapshot.

Administration










Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

Connecting talented folks with talent seekers through portfolios!!

User Details

SL. No.	Users	Action
1	harit789123	  
2	soniharitwithnet	  
3	devendrakumar	  
		

[Back](#)

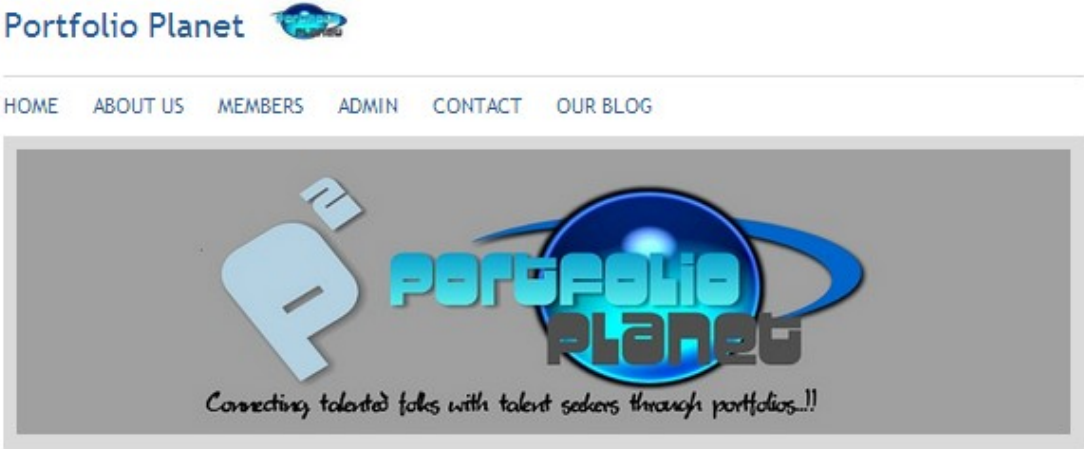
[Home](#) [About Us](#) [Members](#) [Admin](#) [Contact](#) [Our Blog](#)

Design by [Harit Soni & Sagar Patel](#)

Figure 7.13: Administrator account view

This snapshot gives a view of administrator account. Three basic operations view account, edit account and delete account can be performed by an administrator using the three buttons shown in above user interface. He/she may add new user by clicking on the add button given in middle cell of the last row of the table. On a single page only 10 members are viewed. Clicking on next or previous icon will render the corresponding records.

View Records



The screenshot shows the Portfolio Planet website. The header includes the site name and a navigation menu. Below the header is a large banner with the site's logo and tagline. The main content area is titled 'View Records' and 'Members Information'. It contains a table with member details for User ID 1. The footer has a repeat of the navigation menu and the design credit.

Portfolio Planet

HOME ABOUT US MEMBERS ADMIN CONTACT OUR BLOG

View Records

Members Information

User ID.	1
User Name	harit789123
Gender	Male
E-mail	harit789123@gmail.com
User Type	Actor
Age	21
	<< Back

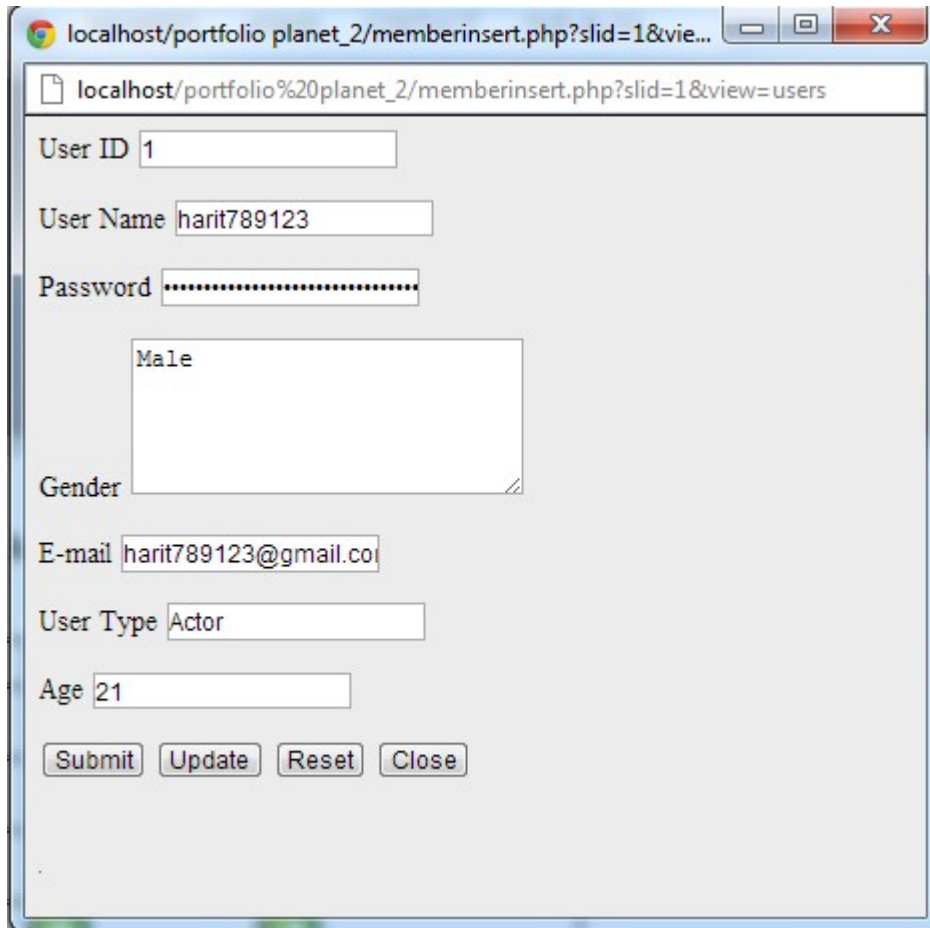
Home About Us Members Admin Contact Our Blog

Design by Harit Soni & Sagar Patel

Figure 7.14: View Records

Format of typical member information can be same as the record mentioned in above snapshot. Member information is updated as soon as a member or administrator updates it.

Edit Record



The screenshot shows a web browser window with the address bar displaying `localhost/portfolio planet_2/memberinsert.php?slid=1&vie...`. The page content is a form for editing user information. The form fields are as follows:

- User ID:
- User Name:
- Password:
- Gender:
- E-mail:
- User Type:
- Age:

At the bottom of the form, there are four buttons: , , , and .

Figure 7.15: Edit Record

A record update form for user information is shown in above picture.

Delete Record

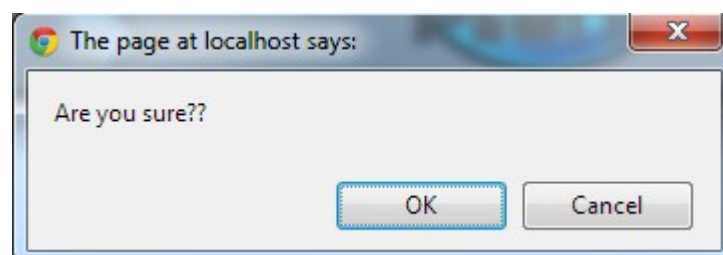
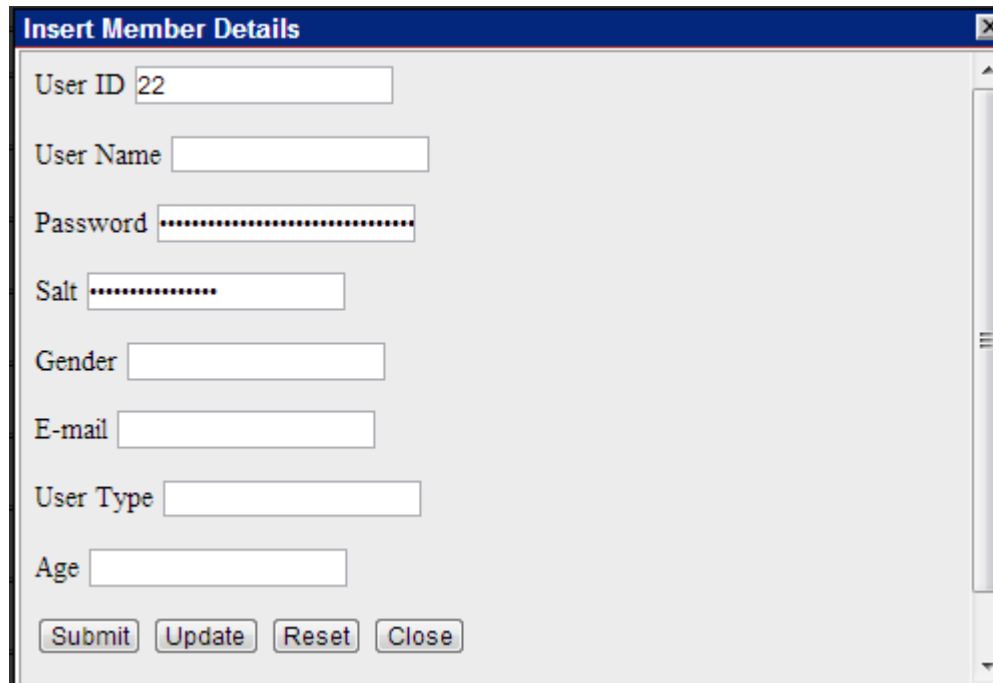


Figure 7.16: Delete Record

Upon clicking on delete button a confirmation box appears.

Add account




The image shows a software window titled "Insert Member Details" with a standard Windows-style title bar (blue with a close button). The window contains a form with the following fields and controls:

- User ID:** A text box containing the value "22".
- User Name:** An empty text box.
- Password:** A text box filled with dots, indicating a password field.
- Salt:** A text box filled with dots, indicating a salt field.
- Gender:** An empty text box.
- E-mail:** An empty text box.
- User Type:** An empty text box.
- Age:** An empty text box.
- Buttons:** At the bottom of the form are four buttons: "Submit", "Update", "Reset", and "Close".

Figure 7.17: Add Account

Contact Us

Portfolio Planet 

HOME ABOUT US MEMBERS ADMIN **CONTACT** OUR BLOG



Contact us

Email- harit789123@gmail.com
Phone- +919722231510

Your feedbacks are important to us..!

*Name:

*E-Mail:

Contact No:

*Subject

*Message :



Figure 7.18: Contact Us Form

Figure 7.18 depicts Contact us form, whose details are stored in contact information database.

Our Blog

It contains latest updates, news and visitor comments.

Latest: on 23-10-2012

Model & actor Gavie Chahal makes debut with EK THA TIGER

By Glamsham Editorial



GAVIE CHAHAL Gavie Chahal, a mechanical engineer who was Mr. Punjab in 2001 and had debuted in TV soap 'Mohe Rang De' on Colors and was last seen in Mrs. Kaushik Ki 'Paanch Bahuein' on Zee TV, is all set to debut in Bollywood with the most talked about film EK THA TIGER. He says, "I am playing very important character Abrar in EK THA TIGER and, I am feeling great to be a part of this movie as its best debut with combo team of producer Yash Raj Films, director Kabir Khan, superstars Salman Khan and Katrina Kaif. We shot in India, Cuba, Ireland, turkey, borders of Iran Iraq and Thailand." CHECK OUT: EK THA TIGER all set for an earth shattering start! On being asked which medium of acting he prefers he says, "I am looking for good roles. Films will be my first choice but if I got a very strong author-backed role on TV then surely I will do." On being asked what are the reaction people get when they see his towering personality he says, "I am thankful to God who gave me this height and personality and it feels great when you get noticed at first blink and got there wonderful compliments." Gavie has done Punjabi films like YAARAN NAAL BAHARAN, MEHENDI WALE HATH, MAJAJAN and TERE ISHQ NACHDAVA and is awaiting release of his Punjabi a film titled PINKI MONGEWALI opposite actress Neeru Bajwa.

Leave a comment:

Name:

Comment:

Entry #: 10

Time: 2012-10-25 18:32:44

Name: Aditya

Comment:

This article is really interesting.

Yash Chopra Died

Mumbai, October 21, 2012

India remembers the King of Romance.Veteran Hindi filmmaker Yash Chopra died of multi-organ failure on Sunday, a week after he was admitted to the Lilavati hospital with dengue. The funeral will take place today in Mumbai."

People expect more from me: Amir Khan

Despite ruling the Box Office with hits like 3 Idiots, Taare Zameen Par, actor Aamir Khan still feels the pressure of delivering his best but insists that he did not let it affect him. "There will always be pressure which is good as people expect more from me. But it is scary too. I try that this pressure does not come my way," Aamir told reporters here at the music launch of his upcoming film Talaash.

Figure 7.19: Portfolio Planet Blog

CHAPTER 8

Conclusion

By developing this system, the practical knowledge has been applied in order to reduce efforts of the users of this system.

This System provides non-vulnerability against SQL injections as well as brute force attack by means of adding salt to the password. This feature provides privacy to its members.

Due to the ease of use, any one familiar with web application usage will find this system user friendly.

Modeling the system in incremental way is quite useful, making the current version easier to modify or expand so that the enhanced version can be deployed after testing and analyzing the current version of the system.

The combination of PHP and MySQL make the web pages load fast enough and make it easier for the database administrator to manage databases.

Attractive and effective user interface of the system will encourage the visitor to return.

The web site has been hosted over internet which can be accessed using following url:

<http://portfolioplanet.uphero.com/>

CHAPTER 9 Appendix

9.1 Tools Used

Application Tools

PHP platform

PHP 5.4.3

Database

MySQL 5.5.24

Operating System

Windows 7

Application Areas

Web Development and Designing

GUI Tool

Apache Web Server 2.2.22(WAMP)

CHAPTER 10

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7. <http://www.newfaces.com/>
8. <http://www.php.net/>
9. <http://www.php.net/manual/en/intro-whatcando.php>