Poona District Education Association's

Baburaoji Gholap College

(Arts, Science & Commerce)

Sangvi, Pune - 411 027. ☎ : 27280204 Fax : 27281722

(Affiliated to University of Poona)

Identification No. : PU/PN/ASC/073(1989) (Maharashtra) **E-mail :** bg-college@rediffmail.com

Estd. : 1989

Founder

Late - B. R. Gholap

O/W No./ BGC /

Date :

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Nitinsheth Sable

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• Principal •
S. N. Kukale

'साक्षरता ते संगणक, निती ते इंटरनेट'

Certificate

This is to certify that the project entitled

The health market place

has been successfully completed by

Akeel THamer Jawad

as a requirement of semester IV examination of Master of Computer Science course of University of Pune.

Date:

Prof. (Mrs.)Jyoti Y. Yadav
Head, Dept. of Computer Sc.
Baburaoji Gholap College

VEBLOGY
Innovative Technology

Date: 2nd May 2009

Training Completion Certificate

This is to certify that **Mr. Akeel Thamer Jawad** a student of Master of Computer Science from Pune university Department of Computer Science.

Has done his full-semester project training at **Veblogy Innovative Technology.** From 9th Feb 2009 to 30th April 2009

The project work entitled **www.thehealthcaremarketplace.com** embodies the original work done by during his above full semester project training period.

Project Guide

For VEBLOGY

Prkatke

Mr.Prasad Katke

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ACCEPTANCE

This manuscript has been read and accepted in satisfaction of the project requirement for the degree of master of computer science of university of pune.

Examination committee

Date 08/06/2009	Name	signature
	1. Paresh Jagdekar	
	2. Manisha Bharambe	
	3. S. A. Kadam	

ACKNOWLEDGMENT

A successful project work as is a result of well-coordinated teamwork .So at the completion of the project we fell obliged to extend my gratitude towards all those who made a valuable contribution throughout project development.

I would like to thanks Mr. Prasad katke for giving me the opportunity of doing the project for industrial training in their organization .

I would also like to thanks Mrs. Rohan sandesh (Project Guide) for providing me with excellent technical support throughout project . We are really very thankful for all the knowledge and support imparted by them at any time I needed with full willingness .their support means a lot of to me.

Last but not the least , I would like to express my deepest sense of gratitude to Mrs. Yadav Madam (Head Of Department) who has provided excellent knowledge and moral support throughout my project development .

Also my sincere thanks to all of them who have supported directly or indirectly to make this project a successful.

With sincere thanks

AKEEL THAMER JAWAD

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Company Profile

Company Profile :-

Veblogy(Innovative Technology) is Pune, India based technology development company that helps individuals, organizations, institutions and NGO's around the globe to build and manage e-commerce business. Our extensive Web development experience, our efforts towards building unique solutions for all your needs, and our commitment towards customer satisfaction enable us to consistently improve ourselves towards leading technologies.

We work on all web development technologies like LAMP (Linux, Apache, MySql, PHP/Perl/Python), WAMP (Windows, Apache, MySql, PHP/Perl/Python), Ruby on Rails, Web Designing, Graphics designing, domain name registration at low cost, shared web hosting. We have team working on JAVA and .net technologies; also we have a team working on Search Engine Optimisation and Internet Marketing .

Work Style At Veblogy :-

Understanding the purpose of the web service/ web application and the pain point it aims to address, keep it simple – very simple, first get the User Interface done, follow the user experience, and Build the backend to support user experience.

At Veblogy we address all specified issues listed below for each of our project which help us stand tall amongst our competitors.

- **Cross browser**

All our web applications are designed considering the same cross browser user experience. i.e. user experience on all popular web browsers like Internet Explorer, Netscape Navigator, Opera, Safari will be same.

- **Smart Browsing**

We provide page designs and layouts such that user gets ample information without doing extensive browsing, in short we minimize user clicks per page and page navigations through out the site browsing for information.

- **Better User Experience**

No Scratchy POP ups at all, which normally irritates user, and becomes confusing for new users.

- **Speed Of Browsing**

We use small images and Cascading Style Sheets (C.S.S.) along with latest

technologies like XHTML, AJAX which leads to fast loading of pages and better user experience.

- **Search Engine Friendly Pages**

Search Engine Algorithms are taken into consideration for developing each page and related links on entire site. For example importance of meta tags in each page can be managed from back end to keep the pages update and search engine informed.

Web site Designing and application Development

With innovative designer and vivid team of developers working on different technologies like LAMP (Linux, Apache, MySQL, PHP/Perl), Ruby on Rails, .Net, Java along with more and more immerging technologies like AJAX, Micro formats holding a special value in software development.

Some of the major services we are working on, and looking to broaden the range of services to serve you better.

- Logo/graphics designing
- Web site designing and development
- HTML/DHTML/JavaScript
- Open Source scripting languages PHP, Ruby On Rails
- Windows and Unix Operating servers and web servers
- Microsoft .net (asp.net/vb.net,c#.net)
- PDA & Mobile application development
- MySQL, MSSQL, ORACLE, PGSQL, RDBMS
- JAVA/J2ME (featured services)
- PHP Open source Scripts installation and customization such as JOOMLA,MAMBO,osCommerce,ZEN-CART

INTRODUCTION

System Overview :-

THM (The Health Market Place) estate Portal allows you to launch powerful and professional looking hospital portals with rich functionalities for the private hospitals ,Doctors and hospital related users to list hospitals for job vacancies, search in the database, show featured ads and many others. The private hospital user can manage their hospital ads at any time through their personal administration space.

The product includes special functionalities for hospital finder (to list and manage multiple hospitals) and affiliates (to earn commissions from the earnings from hospital ads posted through their links). THM comes also with a powerful back office application providing full control over the web site (structure management, templates, server side forms, detailed statistics) and hospital portal (ads, doctors, Register users ,Normal Users , statistics) to the administrators.

Some of the functionalities are:

• Advanced functionality for the administrators to define the property types, the associated fields with them and even set which fields are searchable!

• Email alerts (email notifications for the users when new properties matching their search criteria are listed)

• SEO optimized links, look like static html files with the property headline appearing in the link, for example: www.gratum.com/ad/16/luxury-apartment-in-new-york.html

• Multi administrators back office - possibility to create multiple admin users and assign them different access rights for the system resources

Scope system :-

Good design of information architecture. Much has been articulated about the importance of information architecture in effective website design. It needs to be well-information-architected in keeping with the named values.

Re-evaluation of our choice of content management system and selection of a content management system with properties that will contribute to the success of THM and strategic web presence needs - the purpose of this bullet point is to articulate that CMS selection is an in-scope goal for this project. Fuller discussion on the page for this purpose.

Effective branding: well-recognized, well-used, well-factored re-usable logos to better establish a THM brand except without the dash and no longer standing for individual hosting, a brand without literal meaning, associated with and now meaning an organization of institutions and individuals interested in using and collaborating upon software in support of higher education.

Transparency :- It should be easy to understand what is going on with THM, where the website is, what progress has been made, how to get involved, whom to contact. It should be clear who the committers are on various projects, who makes up the THM Board and various steering committees and working groups. The website should showcase the THM membership and commercial affiliates.

Resilience :- The THM website hosting infrastructure should not be fragile. It should be well understood how to bring it back online when it goes down. It should be backed up regularly and have good uptime.

Marketability :- The THM website should be attractive, pleasant, and effective in communicating the mail message.

Low barriers :- This seems to imply ease of editing in oft-edited ways. Common communication needs should be easy to meet. Uncommon needs should be possible to meet. In particular, it should be easy to post about properties, newsletter availability, property sell or rent , releases. It should be easy to edit the memberships of agents, users, subdomain lists, etc.

Current :- Content should be current. This seems to imply easy to update.

Feasibility Study

The important outcome of the requirement investigation is the determination that the system requested is feasible. There are several aspect of the system of the feasibility study; some of the we have done for our project. Their details are as follows

- Technical Feasibility
- Operational Feasibility
- Economical Feasibility
- Legal Feasibility

1. TECHNICAL FEASIBILITY

Technical feasibility refers to the ability of the process to take advantage of the current state of the technology in pursuing further improvement.

.Net :-

The Microsoft .NET Framework is a software framework available with several Microsoft Windows operating systems. It includes a large library of coded solutions to prevent common programming problems and a virtual machine that manages the execution of programs written specifically for the framework. The .NET Framework is a key Microsoft offering and is intended to be used by most new applications created for the Windows platform.

The framework's Base Class Library provides a large range of features including user interface, data and data access, database connectivity, cryptography, web application development, numeric algorithms, and network communications. The class library is used by programmers, who combine it with their own code to produce applications.

Programs written for the .NET Framework execute in a software environment that manages the program's runtime requirements. Also part of the .NET Framework, this runtime environment is known as the Common Language Runtime (CLR). The CLR provides the appearance of an application virtual machine so that programmers need not consider the capabilities of the specific CPU that will execute the program. The CLR also provides other important services such as security, memory management, and exception

handling. The class library and the CLR together compose the .NET Framework.

C #:-

C# (pronounced C Sharp) is a multi-paradigm programming language that encompasses functional, imperative, generic, object-oriented (class-based), and component-oriented programming disciplines. It was developed by Microsoft as part of the .NET initiative and later approved as a standard by ECMA (ECMA-334) and ISO (ISO/IEC 23270). C# is one of the programming languages supported by the .NET Framework's Common Language Runtime.

C# is intended to be a simple, modern, general-purpose, object-oriented programming language. Its development team is led by Anders Hejlsberg, the designer of Borland's Object Pascal language. It has an object-oriented syntax based on C++ and is heavily influenced by Java.

2. OPERATIONAL FEASIBILITY

This test of feasibility asks if the system will work when it is developed and installed. Here are the questions that help tests the operational feasibility of a project.

1) **Is there sufficient support for the project from management and users?**
2) **Will the proposed system works under all conditions?**

Have the users been involved in the planning and development of the project. The project has been done with the involvement of management and users and it is tested to work in all conditions. So it can be considered as operationally feasible.

3. ECONOMICAL FEASIBILITY

A system that can be developed technically and that will be used if installed must still be a good investment for the organization. Financial benefits must equal or exceed the cost. The cost of feasibility study should be approximately 5 to 10 Percent of the estimated cost.

Next factor the cost of development of this sort of project is the cost per man-hour. In this case cost is nil and considering the time factor the project is to be completed in 3month.Hence it is economically feasible.

4. LEGAL FEASIBILITY

Legal Feasibility encompasses a broad range of concerns that include contracts, liability etc

System Requirement

System Requirement

HARDWARE REQUIREMENT :-

Web Server.

- Ethernet Card and its drivers.
- Internet connection.
- More than 1 GB web space.

SOFTWARE REQUIREMENT :-

- IIS server
- Web Browser
- Control panel interface for web server
- FTP application
- Sql Server

REQUIREMENT Analysis

Requirement Analysis

While analysis and designing system the important and essential part is preliminary investigation . The preliminary investigation is the base of any system hence the main objective is to find out the actual need of user and clients who are actually going to use the system . It was done by using the following three techniques .

1.Interviewing
2.Record Review
3.Questionnaires

These techniques are also called as fact finding technique.

1.Interviewing:-

User were interviewed in order to know their requirement and problems regarding the system, the interview was arranged at users site of work to get the feel of environment under which the users of the system work.

2. Record Review:-

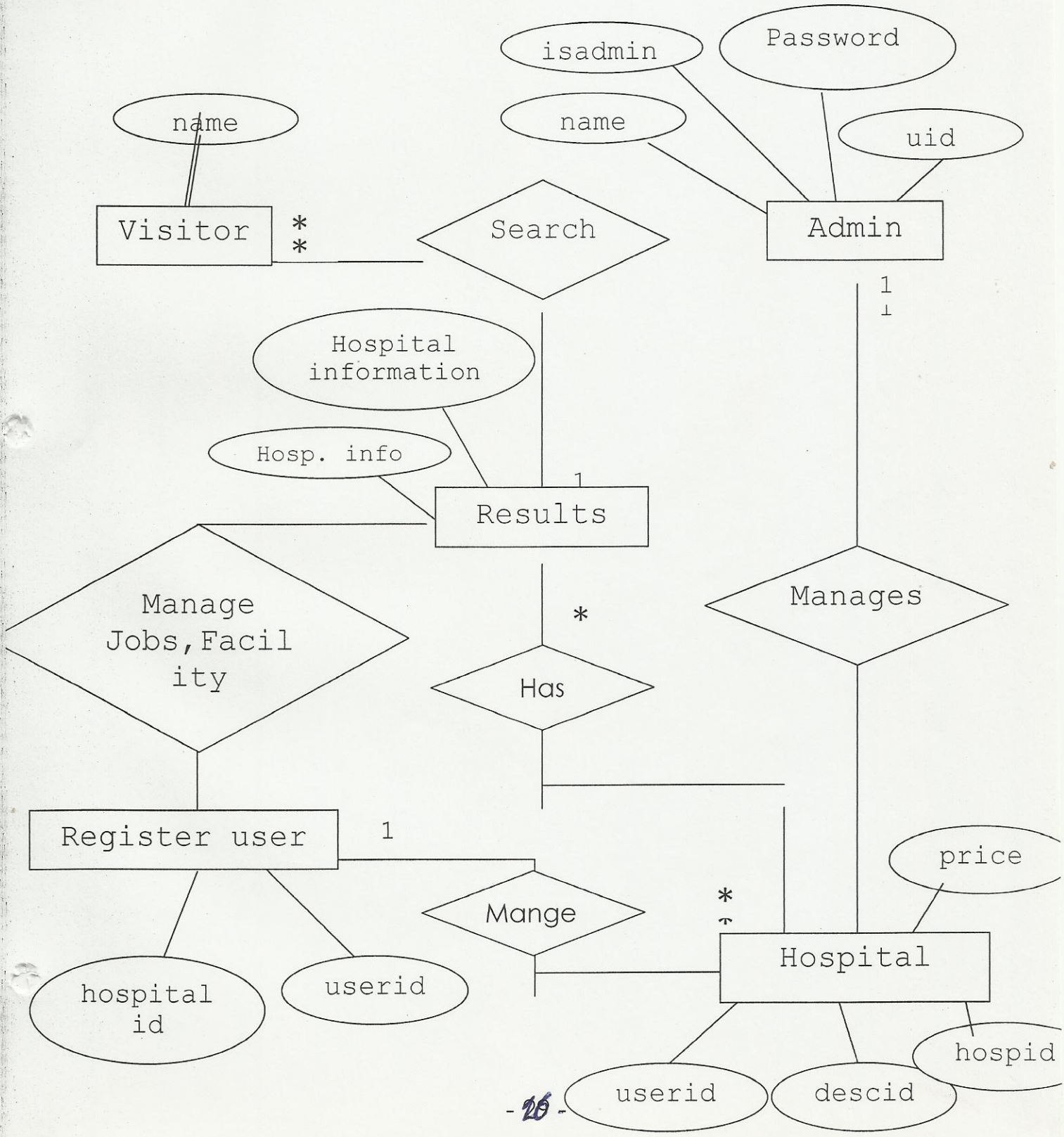
In order to gather the information about the existing system and record review proved to be an effective method .The statistical data regarding the existing system was gathered using record review technique.

3. Questionnaires:-

Meeting was arranged with the staff at three different levels. The first level meeting was arranged with top level management . in this

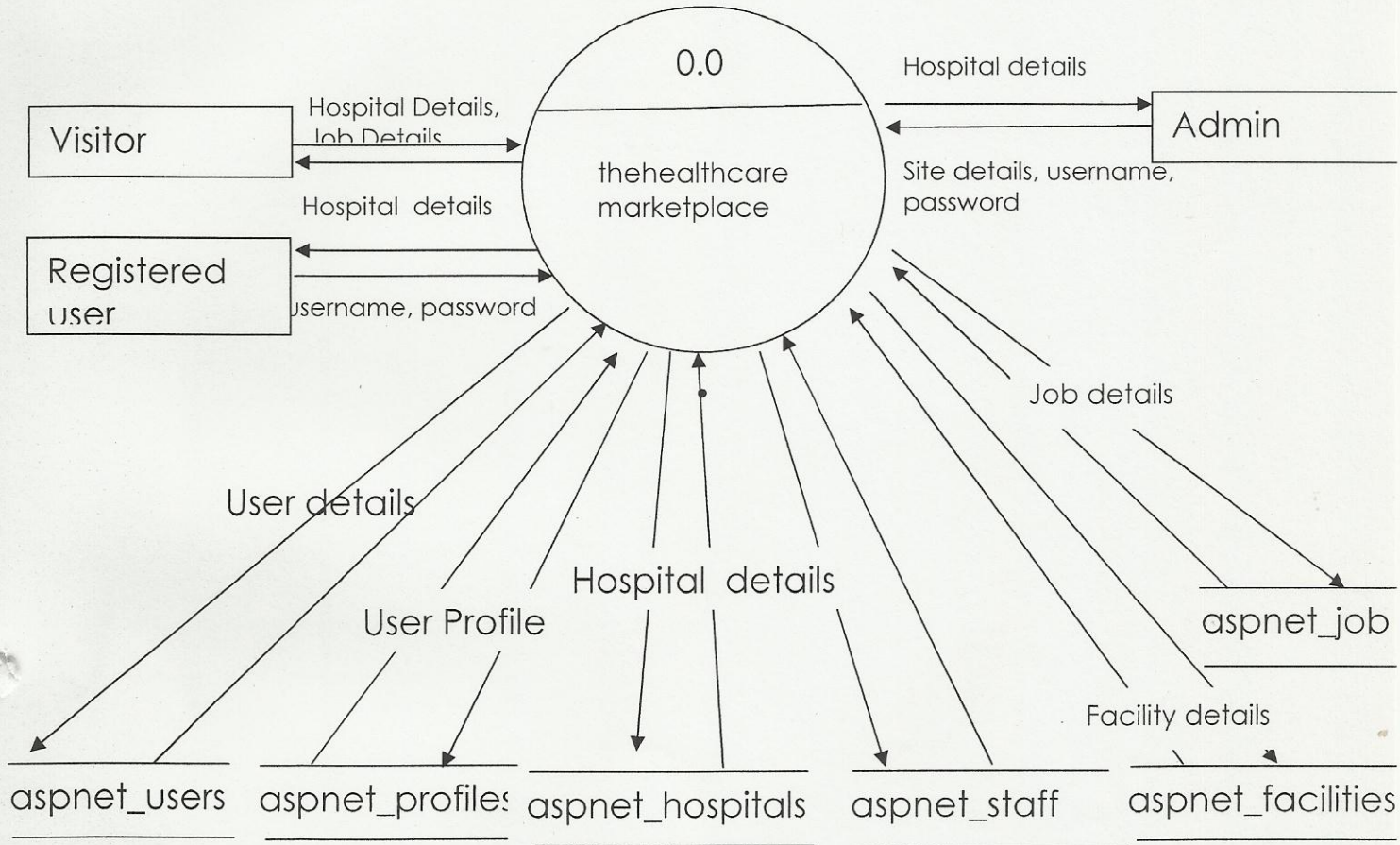
system scope of the system was decided ,The second level meeting was arranged with middle level management , in this meeting the boundary of the system was decided. The third level meeting was arranged with low level management .

Entity Relationship diagram



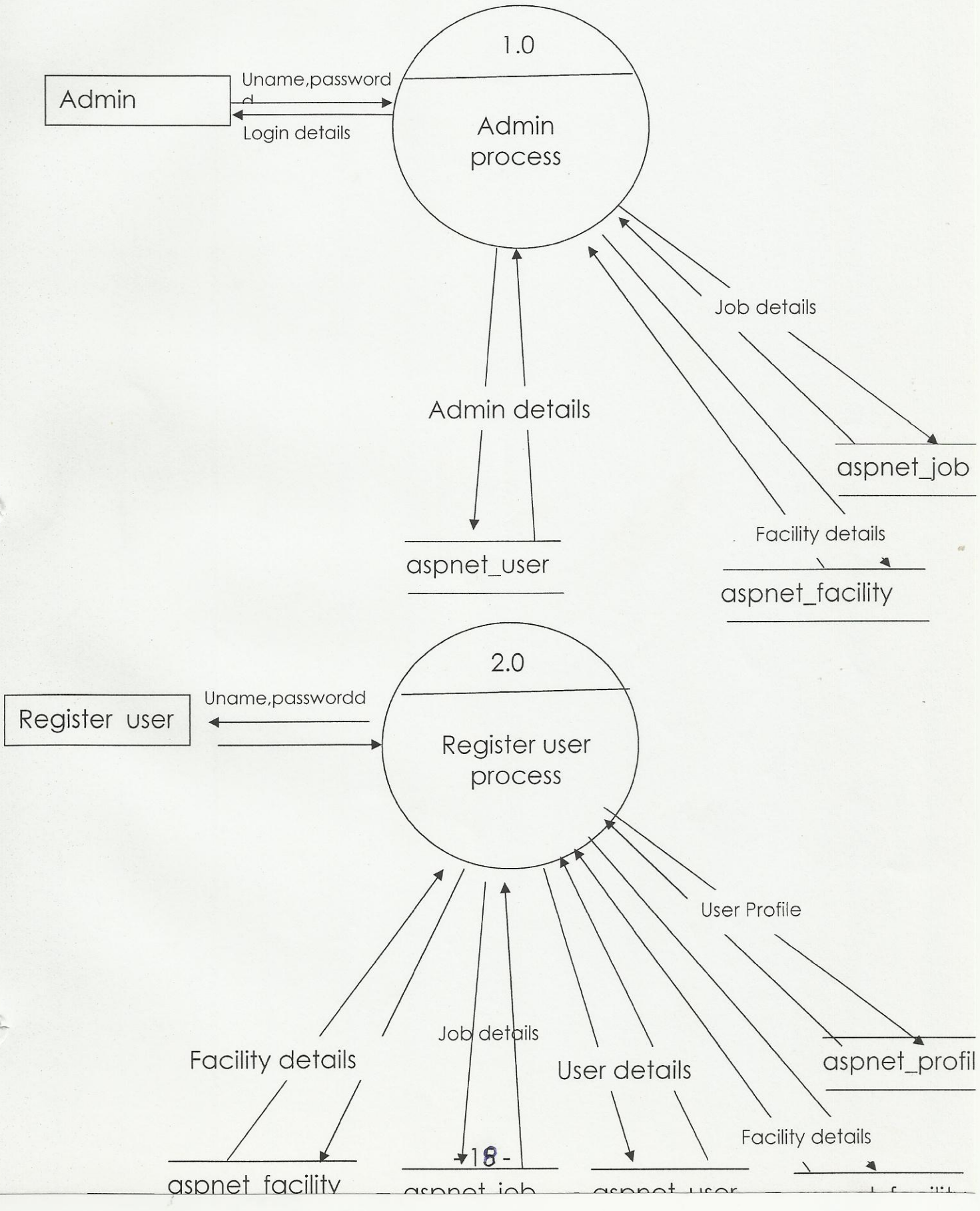
Data flow diagram

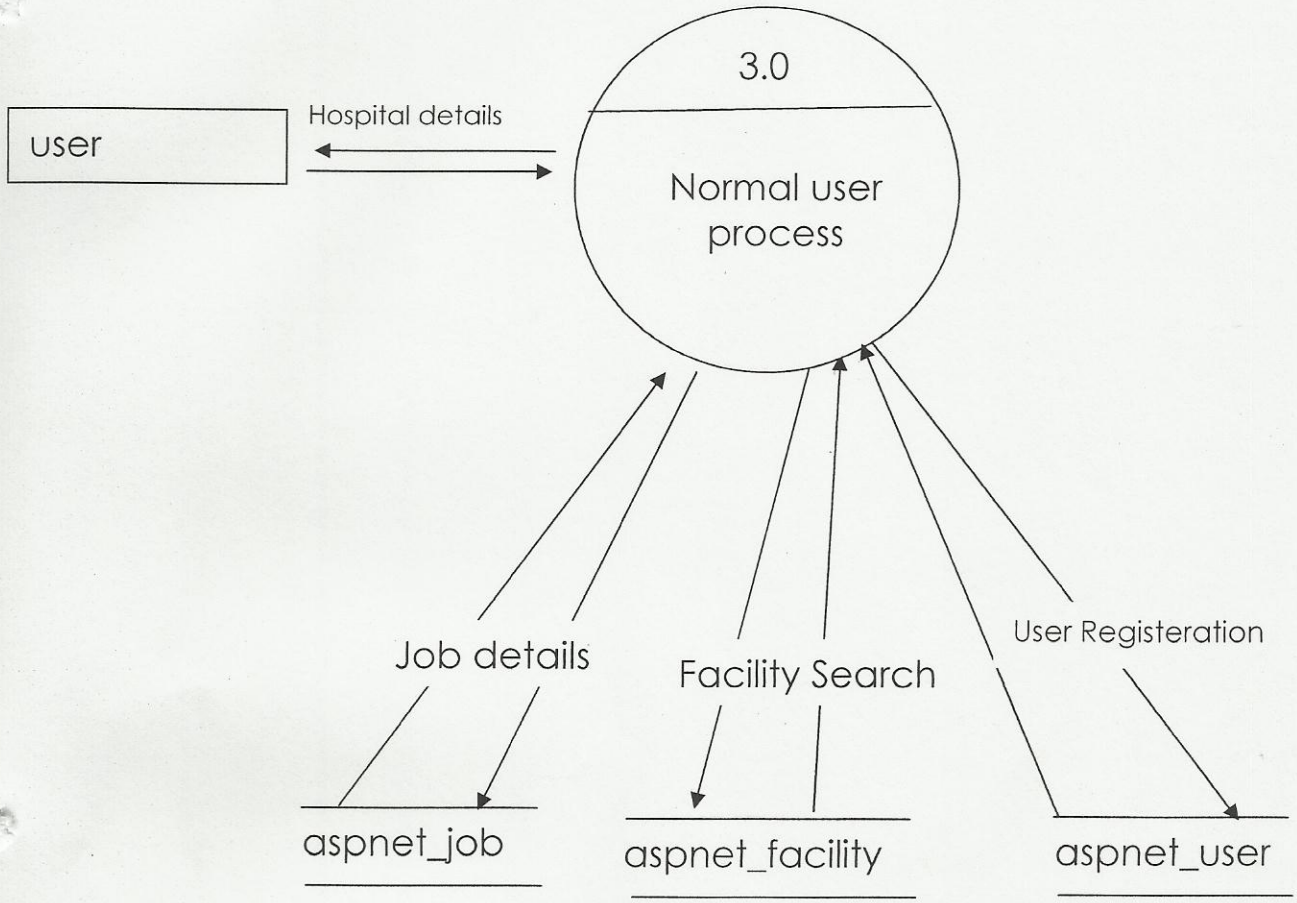
Context level



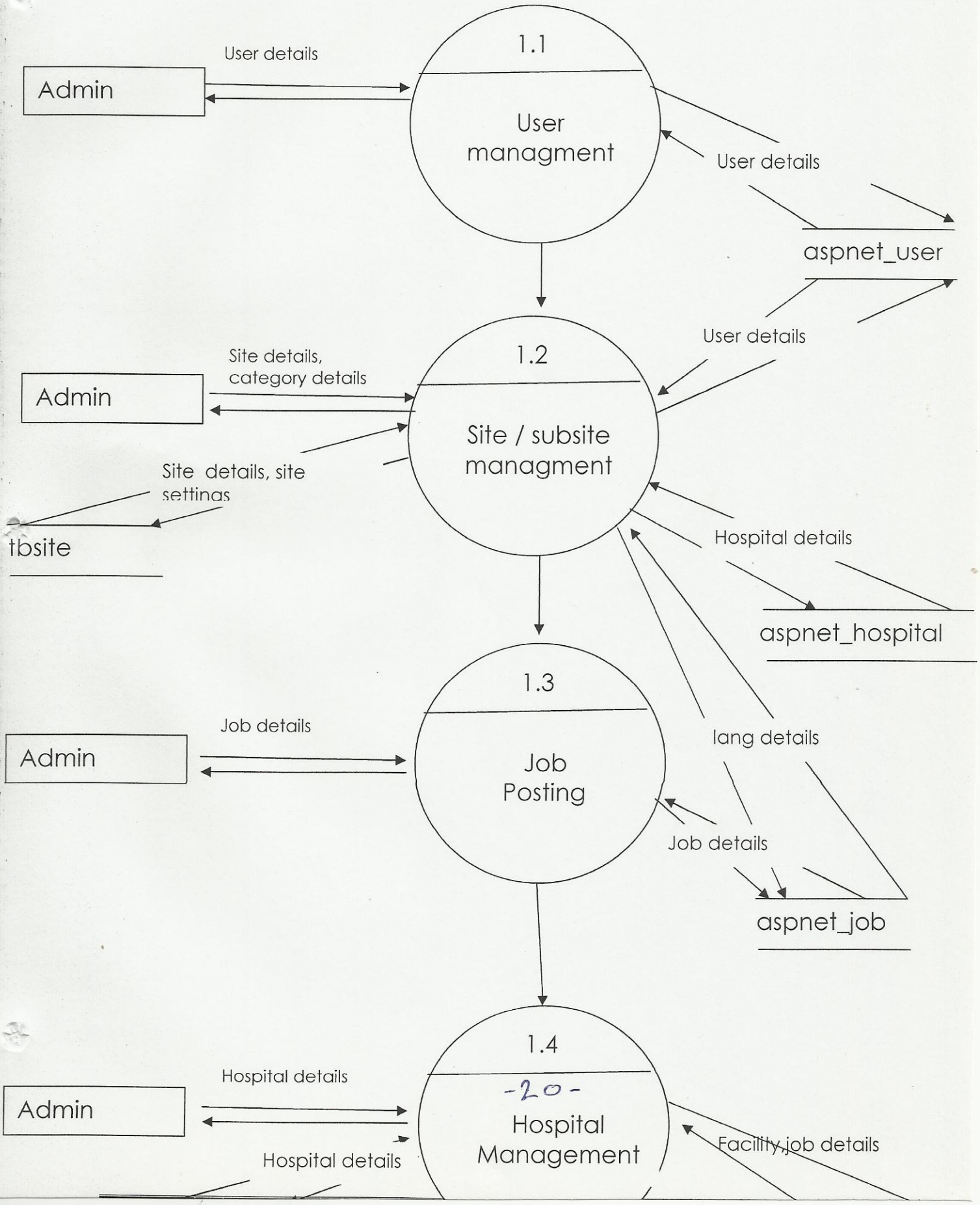
Data flow diagram

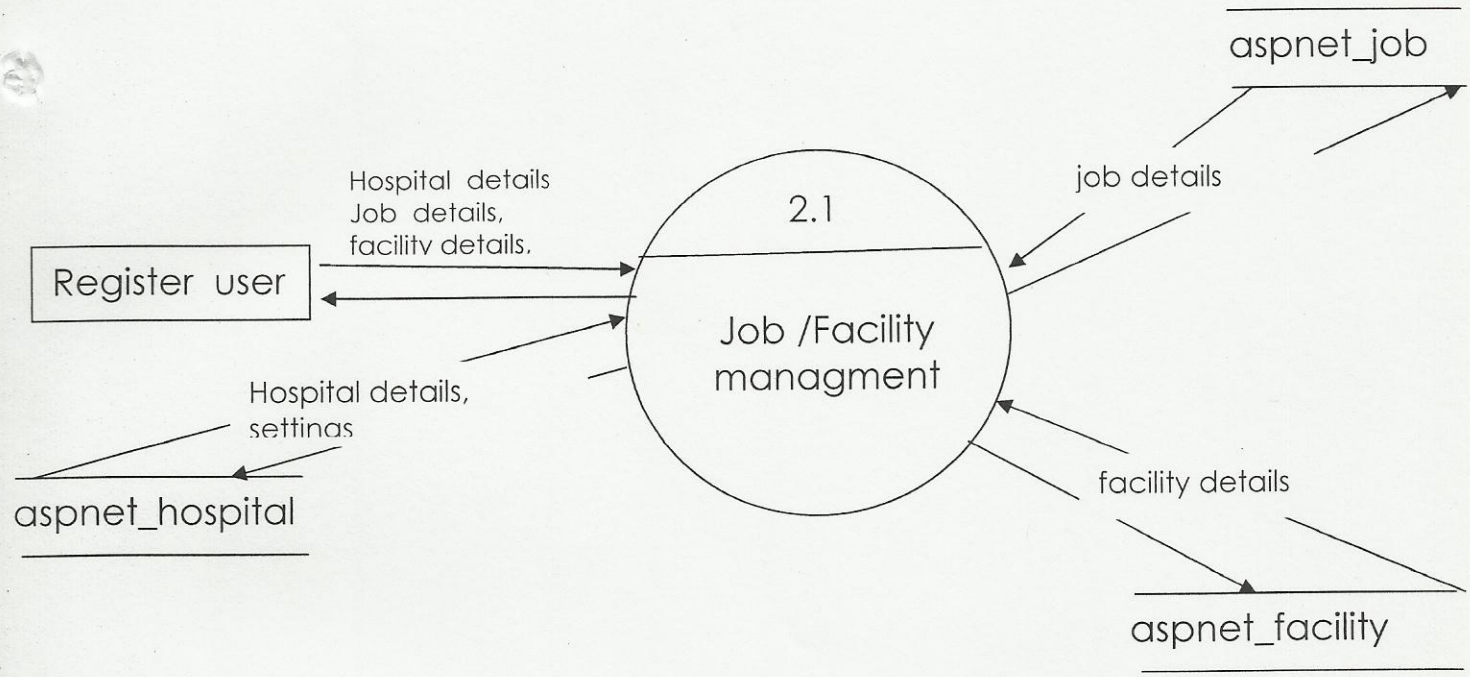
First level

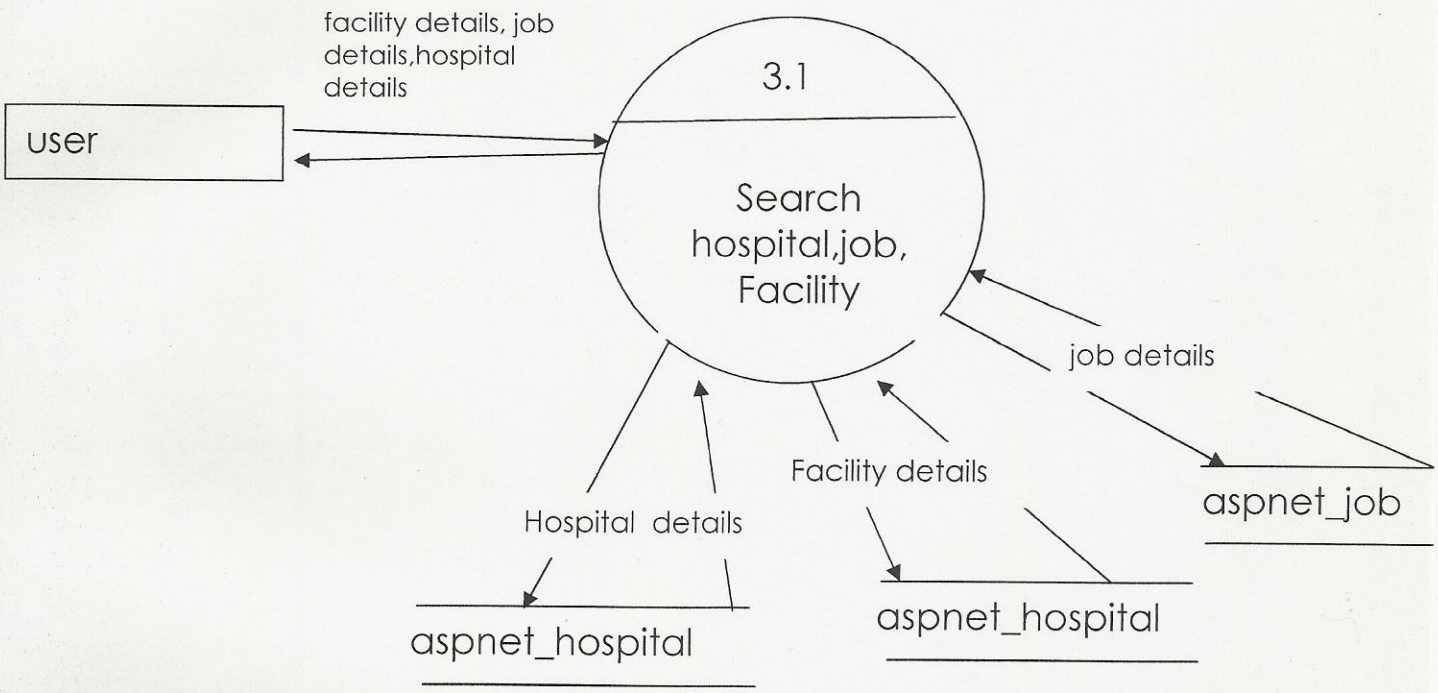



3.0
user
Hospital details
Normal user process
Job details
Facility Search
User Registeration
aspnet_job
aspnet_facility
aspnet_user

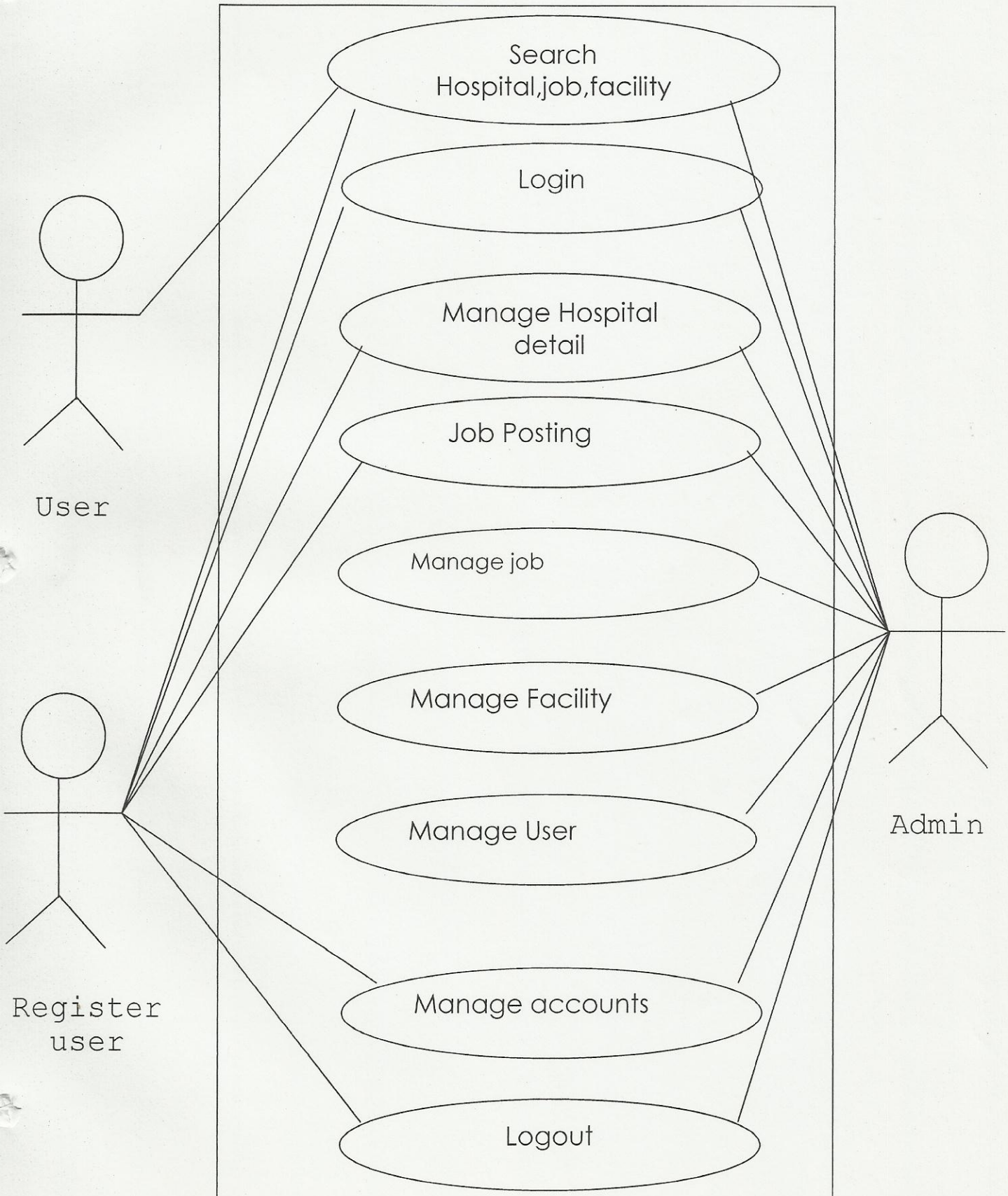
Data flow diagram
Second level




aspnet_job
job details
Hospital details
Job details,
facility details.
2.1
Register user
Job /Facility
managment
Hospital details,
settings
facility details
aspnet_hospital
aspnet_facility

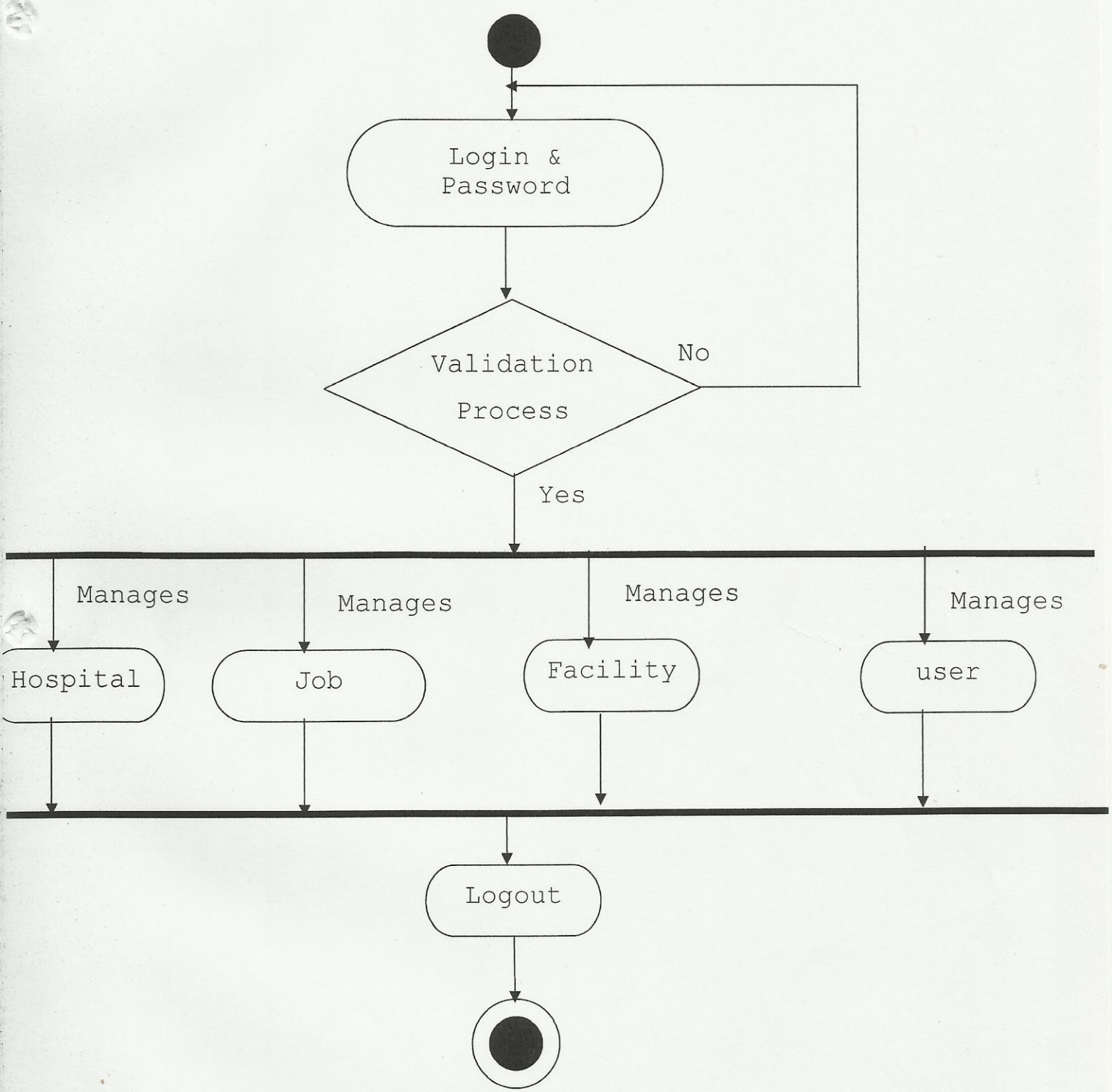

facility details, job details,hospital details
user
3.1
Search hospital,job, Facility
job details
Facility details
Hospital details
aspnet_job
aspnet_hospital
aspnet_hospital

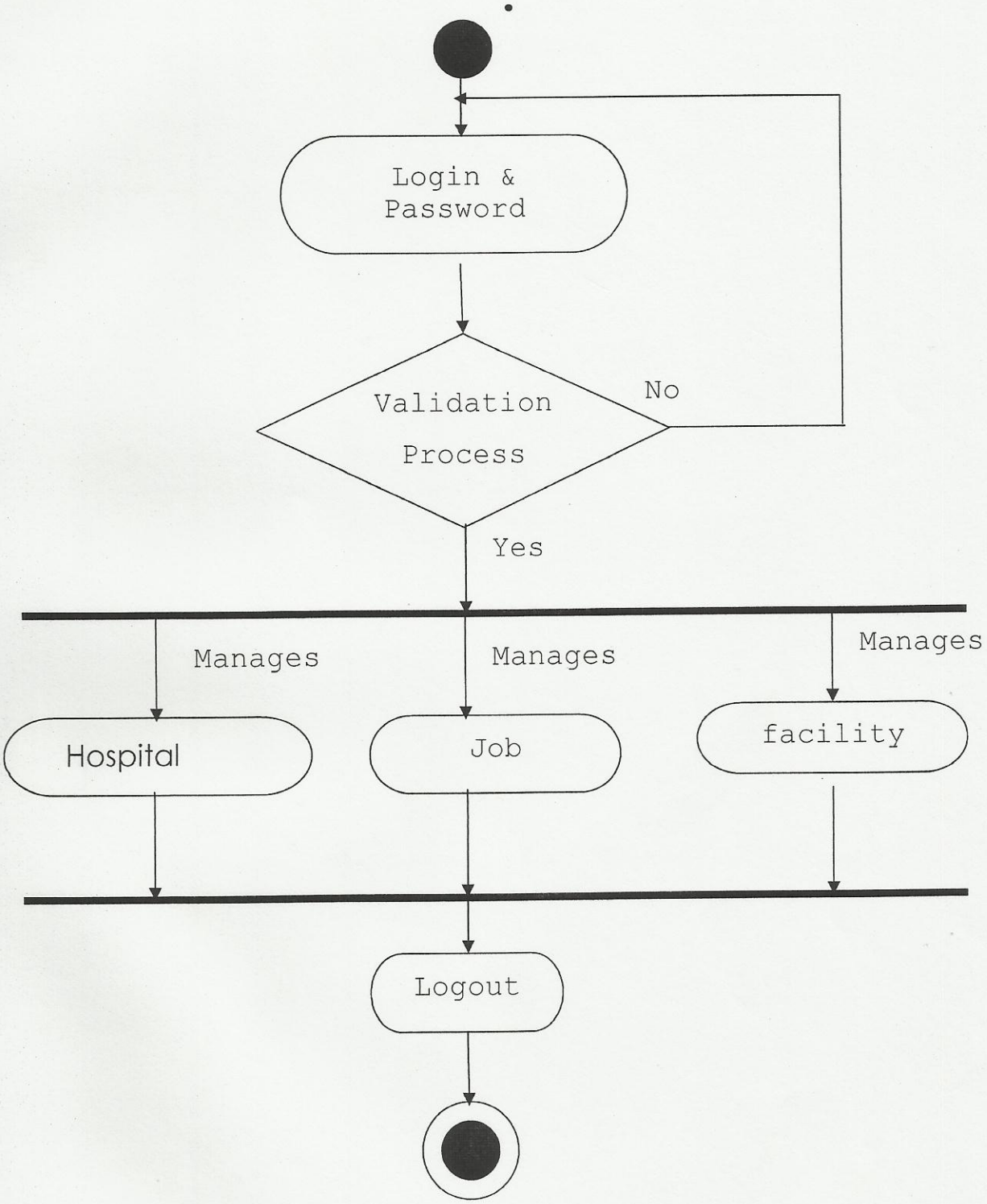
Use-case diagram



Activity diagram

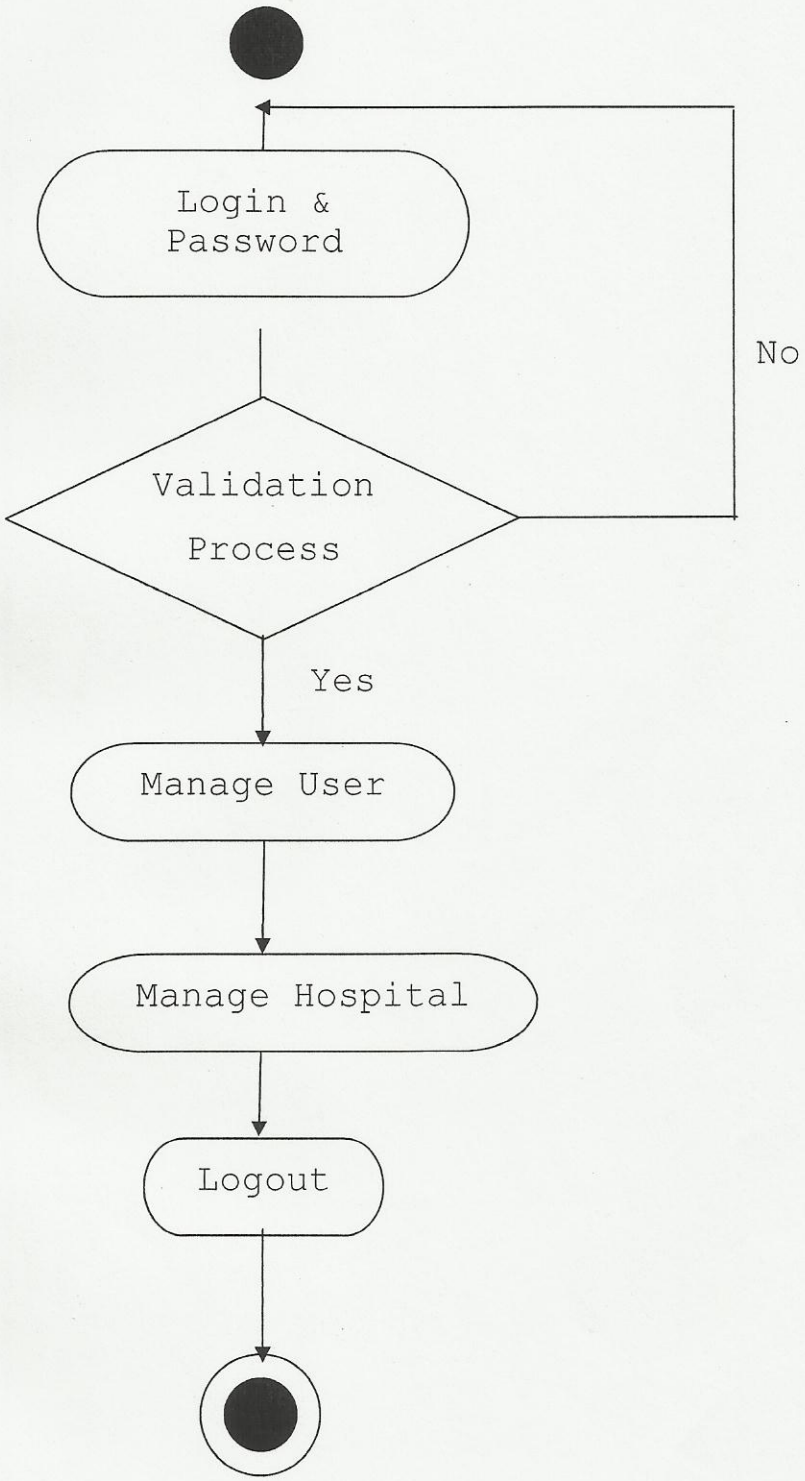
For Admin and Register user

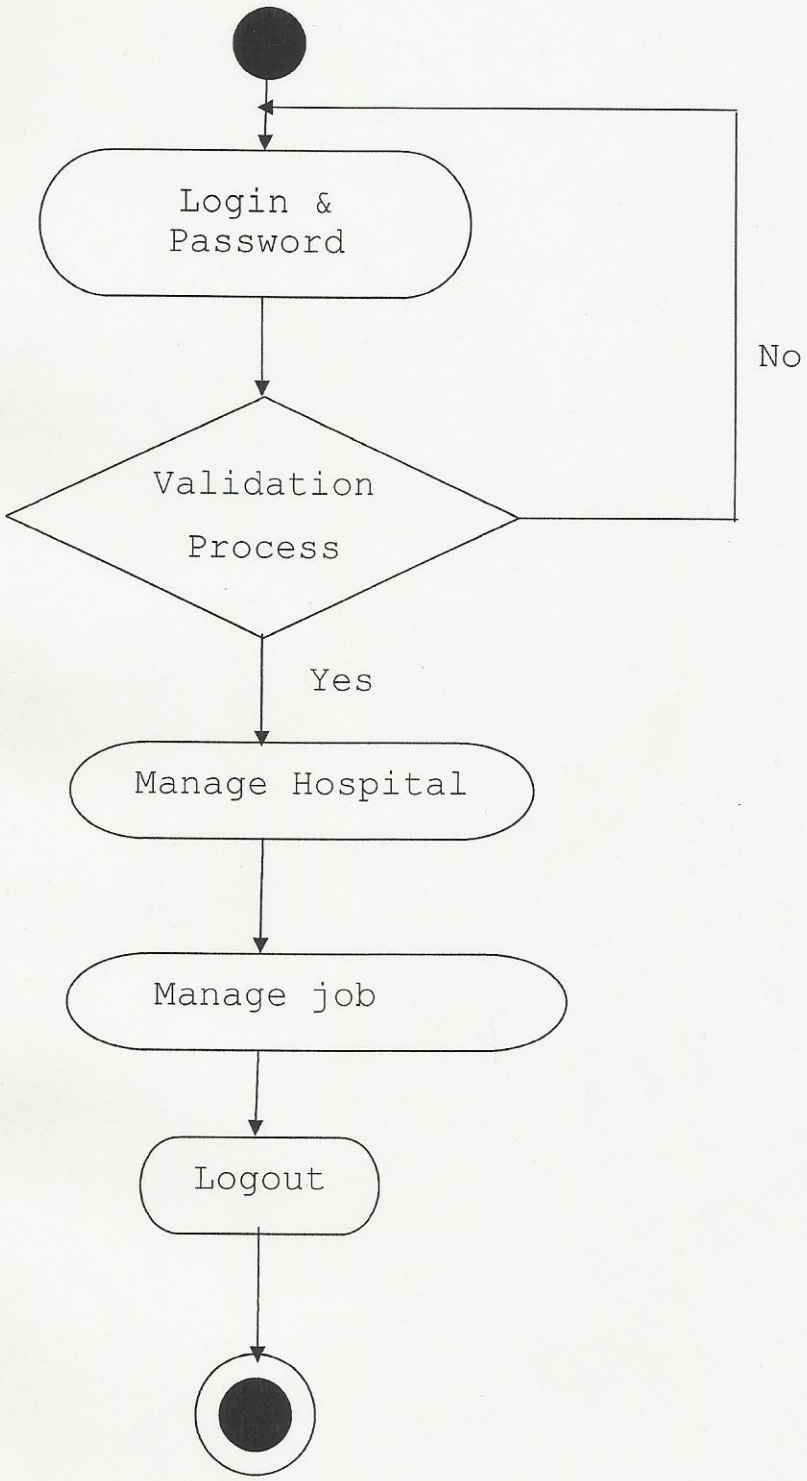



Login &
Password
Validation
Process
No
Yes
Manages
Manages
Manages
Hospital
Job
facility
Logout

State diagram

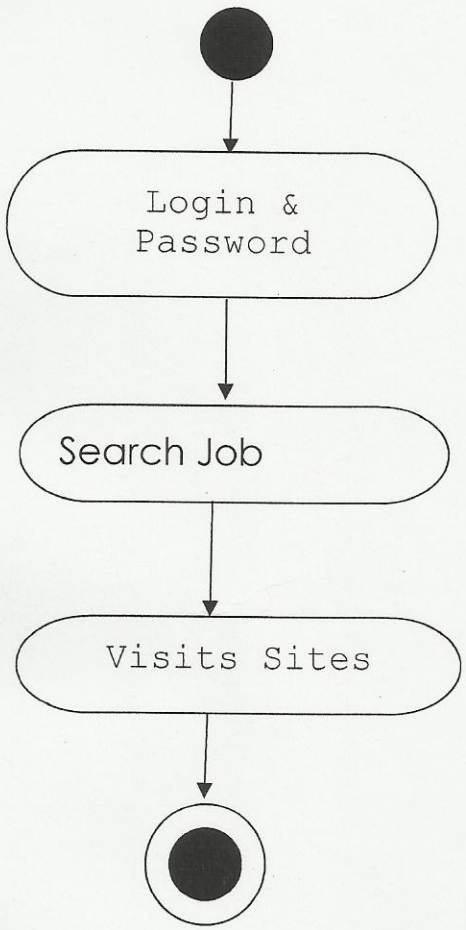
For admin and register user



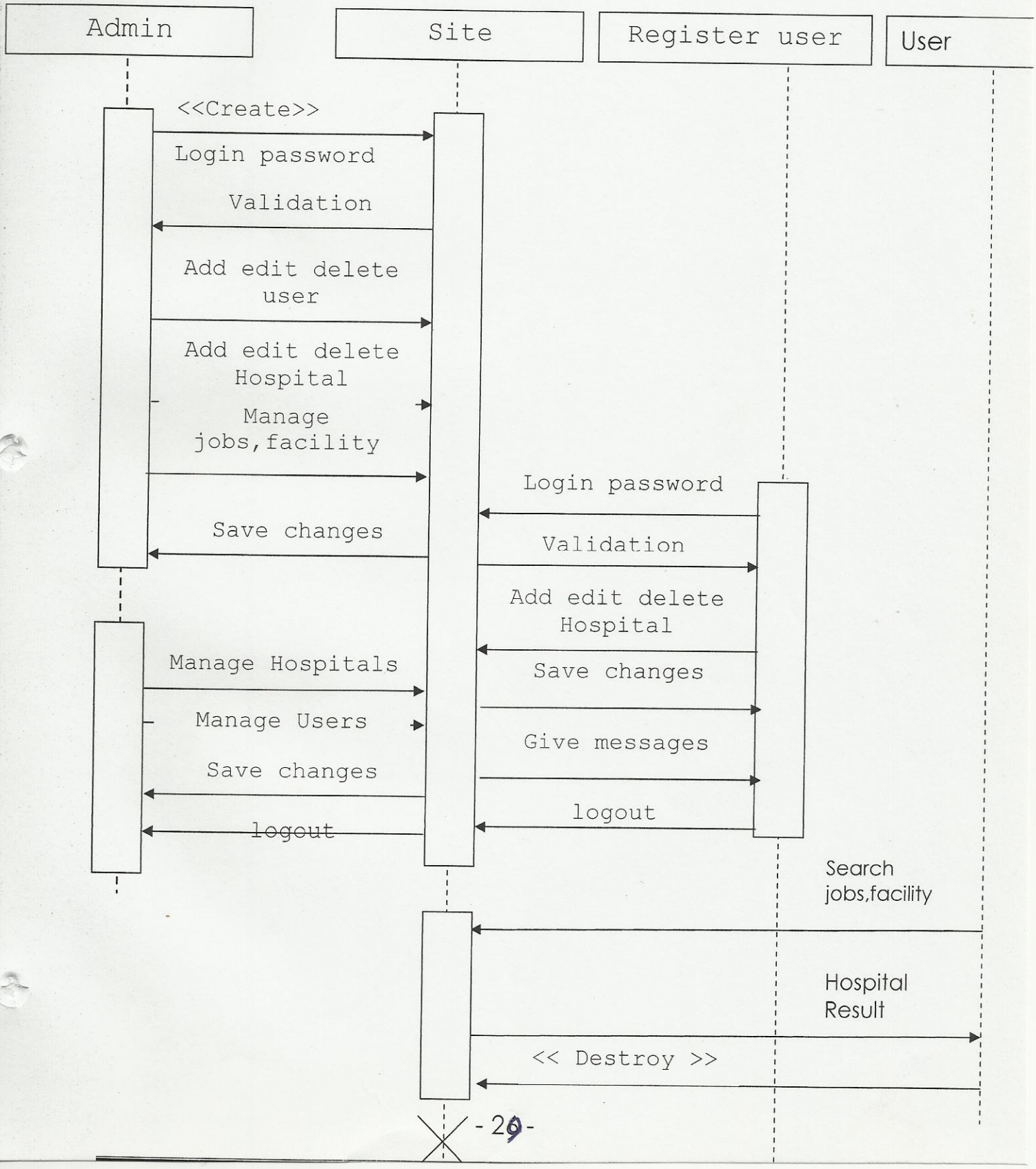

Login &
Password
No
Validation
Process
Yes
Manage Hospital
Manage job
Logout

Activity diagram

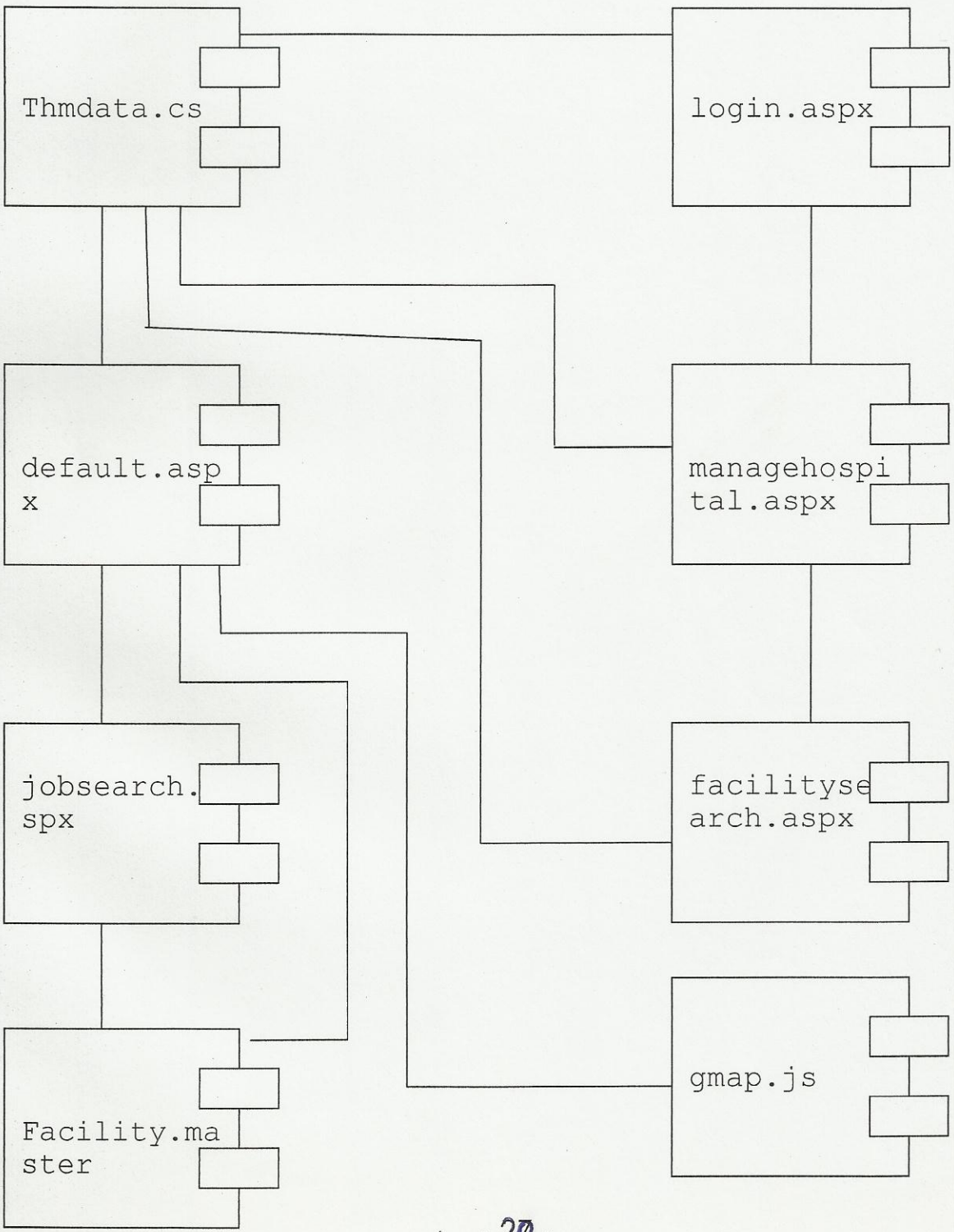
For user



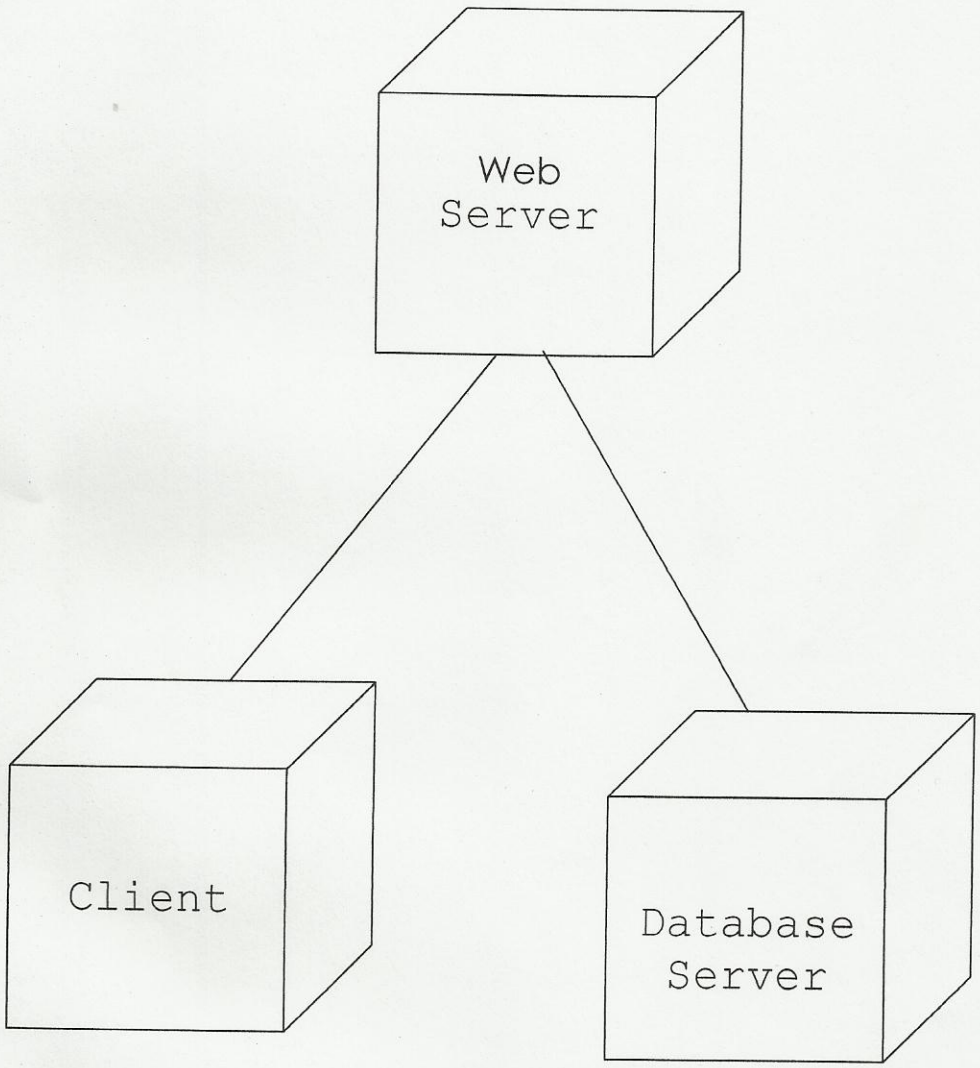
Sequence diagram



Component diagram



Deployment diagram



Data Dictionary

Database THM

Table structure for table tbaspnet_application

Field	Type	Null	Default
ApplicationId	uniqueidentifier	Yes	0
ApplicationName	nvarchar(255)	Yes	
LoweredApplicationName	nvarchar(255)	Yes	
Description	nvarchar(255)	Yes	

Table structure for table tbaspnet_membership

Field	Type	Null	Default
ApplicationId	Uniqueidentifier	No	
UserId	Uniqueidentifier	No	
Password	nvarchar(128)	No	
PasswordFormat	Int	No	
PasswordSalt	nvarchar(128)	No	
MobilePIN	nvarchar(16)	Yes	
Email	nvarchar(256)	Yes	
LoweredEmail	nvarchar(256)	Yes	
PasswordQuestion	nvarchar(256)	Yes	
PasswordAnswer	nvarchar(128)	Yes	

Data Dictionary

Table structure for table

tbaspnetpersonaolizationAllusers

Field	Type	Null	Default
PathId	uniqueidentifier	No	
PageSettings	Image	No	
LastUpdatedDate	Datetime	No	

Table structure for table
tbaspnetpersonaolizationperuser

Field	Type	Null	Default
Id	Uniqueidentifier	No	
PathId	Uniqueidentifier	No	
UserId	Uniqueidentifier	No	
PageSettings	Image	No	
LastUpdatedDate	Datetime	No	

Table structure for table tbspnet_profile

Field	Type	Null	Default
UserId	uniqueidentifier	No	
PropertyNames	Ntext	No	
PropertyValuesString	Ntext	No	
PropertyValuesBinary	Image	No	
LastUpdatedDate	Datetime	No	

Table structure for table tbaspnet_Roles

Field	Type	Null	Default
ApplicationId	Uniqueidentifier	No	
RoleId	Uniqueidentifier	No	
RoleName	nvarchar(256)	No	
LoweredRoleName	nvarchar(256)	No	0
Description	nvarchar(256)	Yes	

Table structure for table tbaspnet_Schemaversion

Field	Type	Null	Default
Feature	nvarchar(128)	No	
CompatibleSchemaVersion	nvarchar(128)	No	
IsCurrentVersion	Bit	No	

Table structure for table tbUsers

Field	Type	Null	Default
ApplicationId	Uniqueidentifier	No	NULL
UserId	Uniqueidentifier	No	0
UserName	nvarchar(256)	No	
LoweredUserName	nvarchar(256)	No	
MobileAlias	nvarchar(16)	Yes	
IsAnonymous	Bit	No	
LastActivityDate	Datetime	No	

Table structure for table tbusersinrole

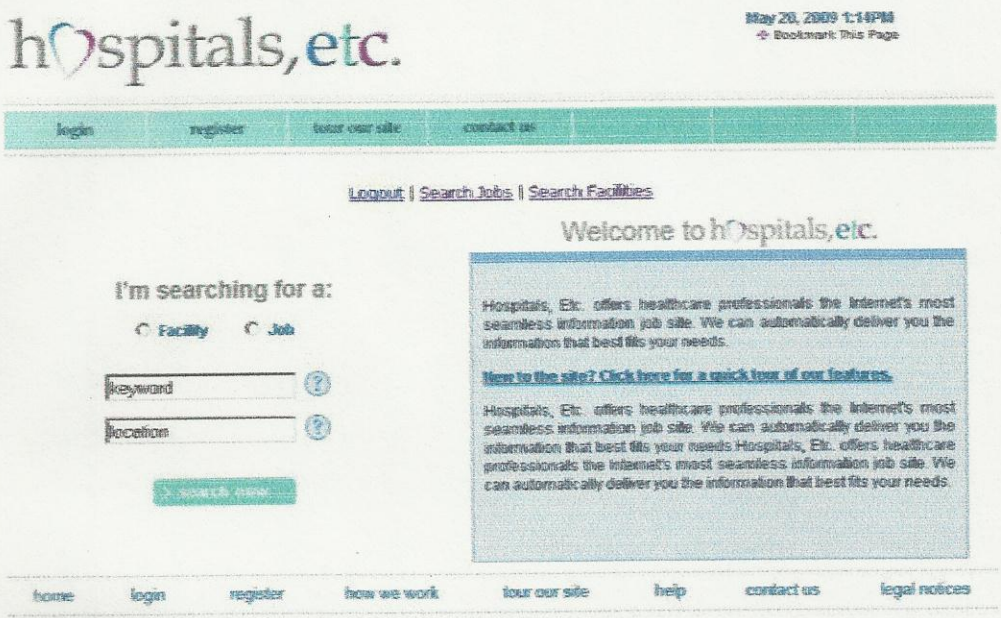
Field	Type	Null	Default
UserId	Uniqueidentifier	No	
RoleId	Uniqueidentifier	No	

Table structure for table tbaspnet_event_events

Field	Type	Null	Default
EventId	char(32)	No	
EventTimeUtc	Datetime	No	
EventTime	Datetime	No	
EventType	nvarchar(256)	No	
PasswordSalt	nvarchar(128)	No	
EventSequence	decimal(19,0)	Yes	
EventOccurrence	decimal(19,0)	Yes	
EventCode	Int	Yes	
EventDetailCode	Int	Yes	
Message	nvarchar(1024)	Yes	
ApplicationPath	nvarchar(256)	No	
ApplicationVirtualPath	nvarchar(256)	No	
MachineName	nvarchar(256)	No	
RequestUrl	nvarchar(1024)	No	
ExceptionType	nvarchar(256)	No	
LastLockoutDate	Details	No	

INPUT/OUTPUT

SCREEN


hospitals,etc.
May 20, 2009 1:14PM
Bookmark This Page
login
register
tour our site
contact us
Logout | Search Jobs | Search Facilities
Welcome to hospitals,etc.
I'm searching for a:
Facility
Job
keyword
location
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login
register
how we work
tour our site
help
contact us
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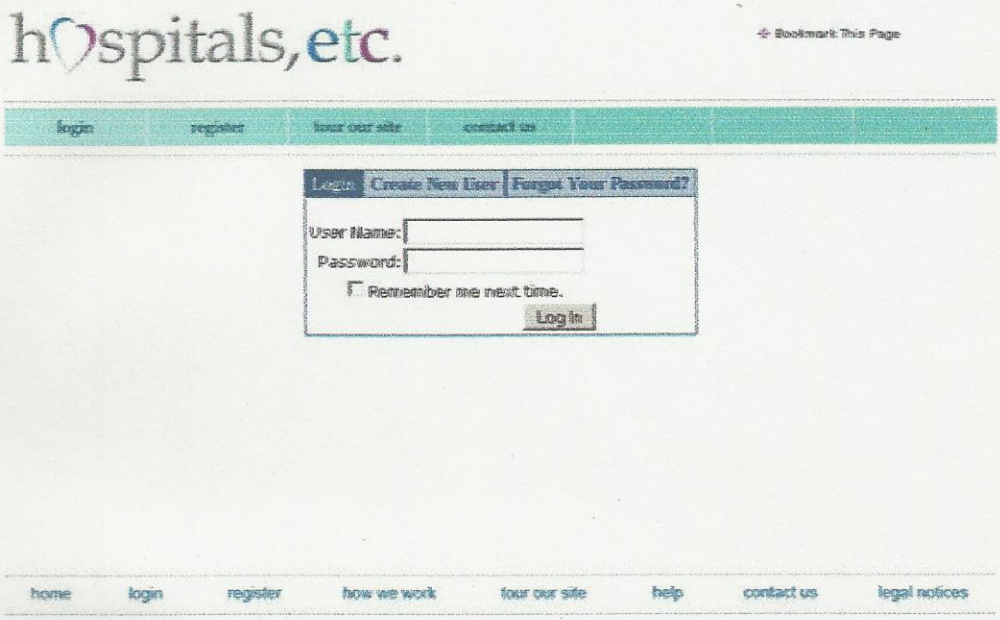
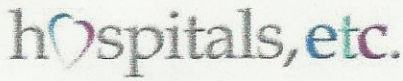

hospitals, etc.
Bookmark This Page
login
register
tour our site
contact us
Login
Create New User
Forgot Your Password?
User Name:
Password:
Remember me next time.
Log In
home
login
register
how we work
tour our site
help
contact us
legal notices



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Enter your username to have a new password emailed to you.

Recover Password

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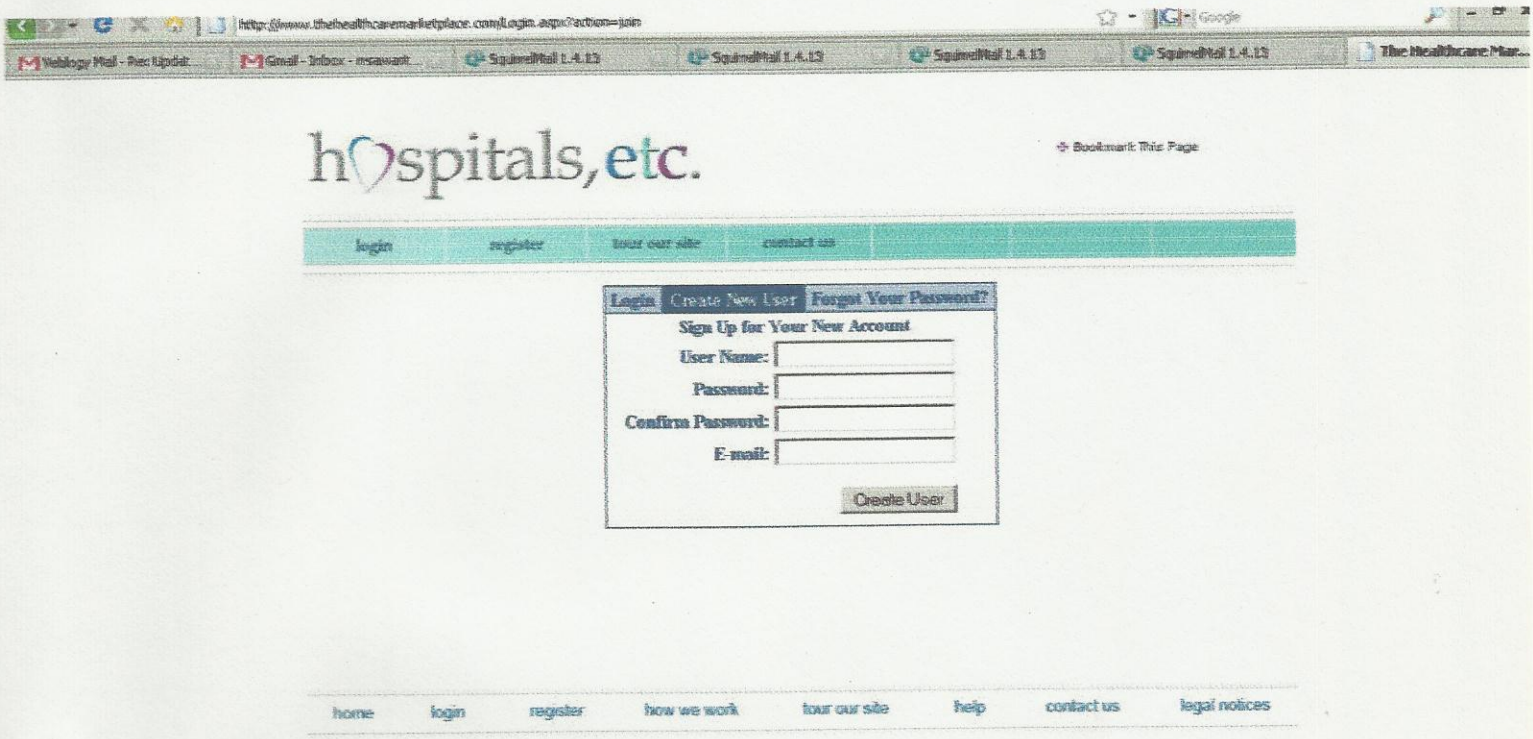
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User Profile

Prefix: First Name: Tag MI: Last Name: Dog Suffix: Nickname:

Title: Chair Department: Accounting

Phone 1: Ext: Phone 2: Ext: Fax:

Please use: Phone 1 Phone 2

Primary Email:

Address

Use facility address

2220 Eastern
Baltimore, Maryland 21222-9382

Use different address

Address 1:

Address 2:

City: State: AL Zip:

Notes:

Save User Profile

Facility Profile

Facility Name: John's Hospital

Address: 2220 Eastern
Baltimore, Maryland 21222-9382

Main Phone: 410-402-0320

Website: www.john.com

Bed Count: 155

Employer Type: Hospital

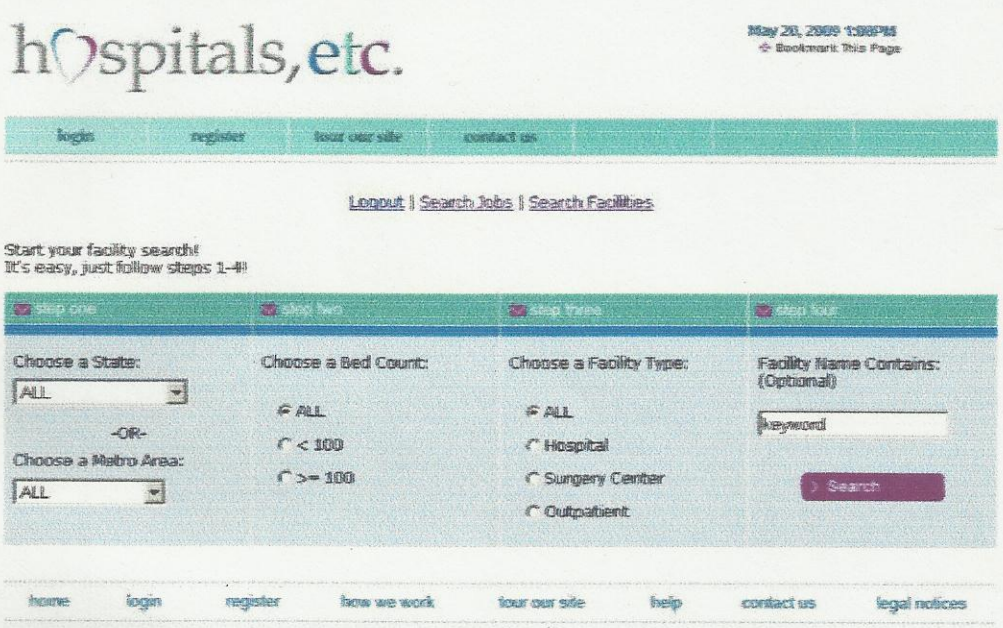
Description: We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery. We do heart surgery.

Image

No photo.

Logo

John's Hospital


hospitals, etc.
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Start your facility search!
It's easy, just follow steps 1-4!
step one
step two
step three
step four
Choose a State:
ALL
-OR-
Choose a Metro Area:
ALL
Choose a Bed Count:
ALL
< 100
>= 100
Choose a Facility Type:
ALL
Hospital
Surgery Center
Outpatient
Facility Name Contains:
(Optional)
keyword
Search
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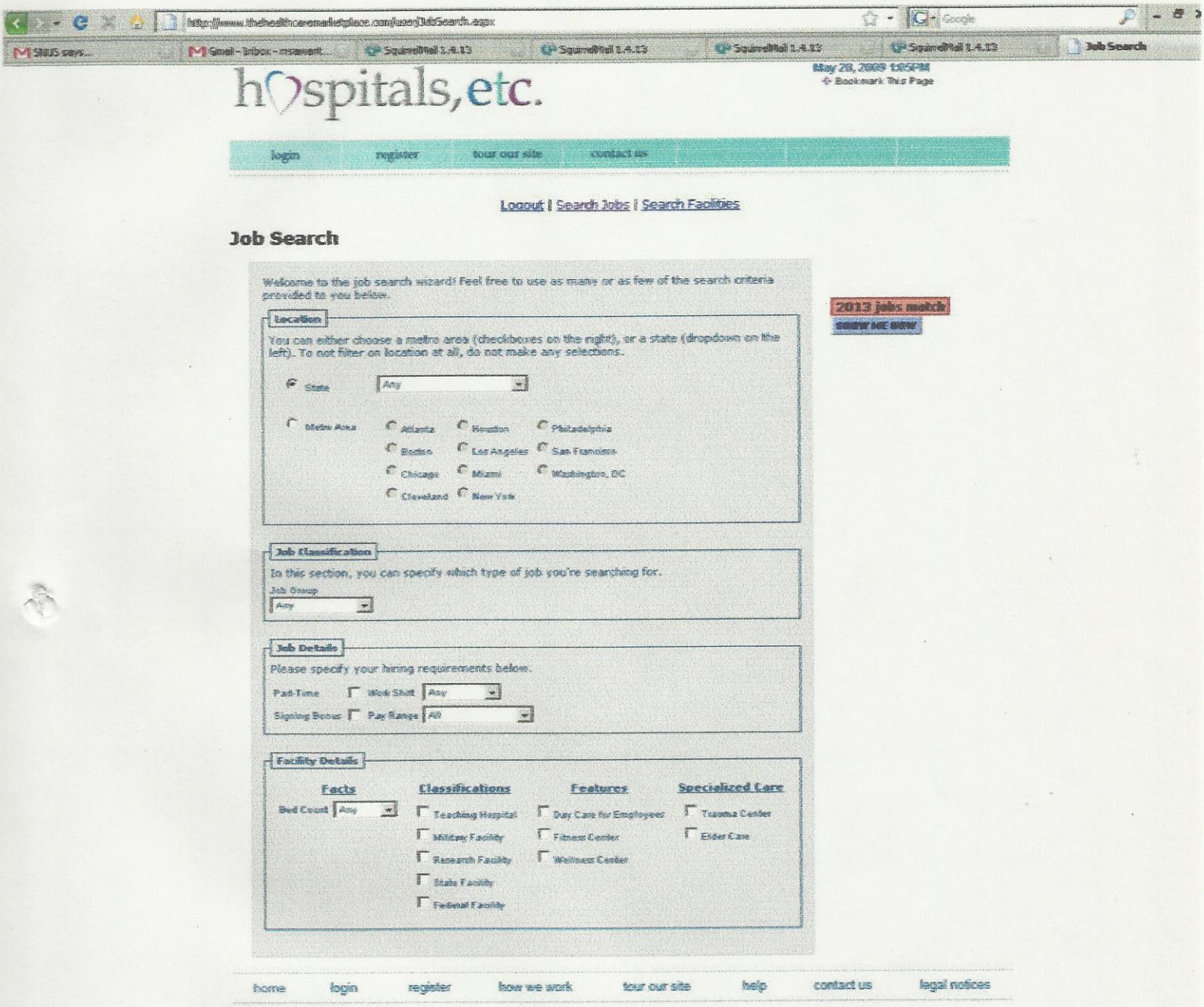
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Logout | Search Jobs | Search Facilities
Job Search
Welcome to the job search wizard! Feel free to use as many or as few of the search criteria provided to you below.
2013 jobs match
SHOW ME NOW
Location
You can either choose a metro area (checkboxes on the right), or a state (dropdown on the left). To not filter on location at all, do not make any selections.
State
Any
Metro Area
Atlanta
Houston
Philadelphia
Boston
Los Angeles
San Francisco
Chicago
Miami
Washington, DC
Cleveland
New York
Job Classification
In this section, you can specify which type of job you're searching for.
Job Group
Any
Job Details
Please specify your hiring requirements below.
Part-Time
Work Shift
Any
Signing Bonus
Pay Range
All
Facility Details
Facts
Bed Count
Any
Classifications
Teaching Hospital
Military Facility
Research Facility
State Facility
Federal Facility
Features
Day Care for Employees
Fitness Center
Wellness Center
Specialized Care
Trauma Center
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Job Search

1980 jobs match
Refine Search Criteria
Begin a New Search

Search Results

Note: You must be logged in to apply for a job.

1 2 3 4 5 6 7 8 9 10 ...

Classification	Position	Facility	Location	
Allied Health --> Radiology --> CT	Radiologist	1st Medical Group	Hampton, VA 23665	View Apply
Allied Health --> Radiology --> MRI	Biller	20th Medical Group	Shaw AFB, SC 29152	View Apply
Allied Health --> Radiology --> Mammography	ECG Technician	22 Medical Group	McConnell AFB, KS 67221	View Apply
Allied Health --> Radiology --> Nuclear Medicine	Echocardiography Technologist	314 Medical Group	Jacksonville, AR 72099	View Apply
Allied Health --> Radiology --> Interventional	EEG Technician	375th Medical Group	Scott AFB, IL 62225	View Apply
Allied Health --> Radiology --> Angiography	Laboratory Technologist	42nd Medical Group	Montgomery, AL 36112	View Apply
Allied Health --> Radiology --> Sonography	Medical Assistant	45th Medical Group	Patrick AFB, FL 32925	View Apply
Allied Health --> Radiology --> CTA	Medical Technologist	45th Street Mental Health Center	West Palm Beach, FL 33407	View Apply
Allied Health --> Radiology --> MRA	Monitor Technician	49th Medical Group	Holloman AFB, NM 88330	View Apply
Allied Health --> Radiology --> PET Scan	Occupational Therapist	509th Medical Group	Whiteman AFB, MO 65305	View Apply
RN --> Cardiac Care Unit	Occupational Therapy Assistant	56 Medical Group	Luke AFB, AZ 85309	View Apply
RN --> Post Anesthesia Care Unit	Pharmacist	5th Medical Group	Minot AFB, ND 58705	View Apply
RN --> Pediatric Intensive Care Unit	Pharmacy Technician	6th Medical Group	MacDill AFB, FL 33621	View Apply
RN --> Pediatrics	Phlebotomist	72nd Medical Group	Tinker AFB, OK 73145	View Apply
RN --> Burn Unit	Physical Therapist	75th Medical Group	Hill AFB, UT 84056	View Apply
RN --> Oncology	Physical Therapy Assistant	78th Medical Group	Robins AFB, GA 31098	View Apply
RN --> Psychiatric	Pulmonary Technologist	82nd Medical Group	Sheppard AFB, TX 76311	View Apply
RN --> Operating Room --> Orthopedics	Radiation Therapist	900 N. Michigan Surgical Center	Chicago, IL 60611	View Apply
RN --> Operating Room --> Neuro	Radiology Technologist	90th Medical Group	Cheyenne, WY 82005	View Apply
Allied Health --> Radiology --> CT	Radiologist	1st Medical Group	Hampton, VA 23665	View Apply
Allied Health --> Radiology --> MRI	Biller	20th Medical Group	Shaw AFB, SC 29152	View Apply
Allied Health --> Radiology --> Mammography	ECG Technician	22 Medical Group	McConnell AFB, KS 67221	View Apply
Allied Health --> Radiology -->	Echocardiography		Jacksonville, AR	

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Job Applications

Job Postings

Choose Job Status: Any

Status	Job Number	Position	Job Group	Modified	Closing Date	
Filled		Shift Supervisor	RN --> Operating Room --> Open Heart	test test (2/14/2009 7:19:13 AM)	2/27/2009	View Applicants (2)
Filled		Case Manager	RN --> Operating Room --> Open Heart	Top Dog ([illegible] AM)	[illegible]	View Applicants (3)

Applicants for Job

Name	Email	Address	Date Applied
			2/19/2009 7:03:12 AM No Resume Submitted
Binoy Mohan	binoy.mohan@ceruleaninfotech.com	37	3/17/2009 8:30:13 AM No Resume Submitted
Binoy Mohan	binoy.mohan@ceruleaninfotech.com	37	3/17/2009 8:58:15 AM No Resume Submitted

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Fill out the fields below to change your password.

Old Password
New Password
Confirm New Password
Change Password

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Leave Feedback

We're very appreciative of any feedback you may wish to provide to Hospitals, Etc. Use the form below to submit any suggestions or comments.

Submit Feedback

TEST PLANS

TEST PLANS

white box: Testing the application with the knowledge of underline code of the application. it is done by developers. but in some organizations it is done by testers. Eg: Unit testing. in white box testing we excercise the internal logic of the software basically programmer do white box testing and in black box testing there is no need to know the internal logic of the system that we are testing and coding experience also . WHITE BOX testing done by the developers to test the programming code and it is also called unit testing. Also called as Structural testing done by Developers. For this testing Programming knowledge is necessary. testing based on an analysis on the internal structure of the component of the system is called white box testing. White Box Testing: Testing the internal logic of written code that how the logic is structured in coding and also checking whether the code is build with unnecessary conditions/loops/coding. White box testing is conducted by a person who is having a good knowledge in the particular written code in that application.

Block box: testing the application without knowledge of underline code of the application. it is done by the testers. BLOCK TESTING done by the testers to test the functionality of the application it is also called system testing. **Block Box Testing:** Also called as Functional testing done by Testers. For this testing Programming knowledge is not necessary. testing either functional or non functional without reference to the internal structure of the component or system is called black box testing. Black box Testing: Testing only the functionality of the application. Black box testing is conducted by the person who is having a good knowledge in the application functionality. To test the black box Testing there is no need to check the internal logic what ever it may be.

Silk Test: It is segue tool it is also used for functional and regression testing. Mostly supports java applications. Is a Functionality/regression testing tool. Is Used to test the Functionality of Application. Here Script Language is 4testscript

Uunt testing: In computer programming, unit testing is a software verification and validation method where the programmer gains confidence that individual units of source code are fit for use. A unit is the smallest testable part of an application. In procedural programming a unit

may be an individual program, function, procedure, etc., while in object-oriented programming, the smallest unit is a method, which may belong to a base/super class, abstract class or derived/child class.

Unit testing can be done by something as simple as stepping through code in a debugger; modern applications include the use of a test framework such as xUnit. Ideally, each test case is independent from the others: substitutes like method stubs, mock objects[1], fakes and test harnesses can be used to assist testing a module in isolation. Unit tests are typically written and run by software developers to ensure that code meets its requirements and behaves as intended. Its implementation can vary from being very manual (pencil and paper) to being formalized as

The testing of the system under development is very important .

Testing idea done for the accuracy , efficiency and for effectiveness The system testing is critical part but it is necessary process.

Our projects testing is done by company's testing team.

Mr. Rohan sir is done by our project testing .They show the

changes and also show the actual flow of the project and there

testing show all the errors in the project . They check all the validation of the forms. Proper entry is given or not. They check number validation ,character validation , regular expression validation . range validation ,entry of the records, They test the project both side , we say system is tested at the developers side as well as the client side . sir , checked , some input is given the specific output is produced by the program or not. Various sets of input test cases are prepared and applied on a program and the corresponding output is verified .sir also checks the proper maintain and designing the database .They show the changes , project

instruction and new implementation .so our team followed by the instruction , and developed the project .They also give the guidance of the project and solve the other queries . So our work is solving the problems and makes necessary change in the software and then modified software.

USER MANUAL

USER MANUAL

HELP The Health Market Place

HOW TO USE The system:

1.Home page consist:

- login

-register

-Tour our site

-contact us

2.login with proper user id and password and consist:

-Create new use

-forget password

If you want assign up for new account and create new user you need:

-user name

-password

-confirm password

- e-mail

-apply create user

3.if you need to change password:

-old password

-new password

- confirm password

And apply the change password

4.if you forget the password

-Enter your user name to have new password emailed to you and apply recover password

5.job search consist two choice:

- state: you can search about job in your state

-metro area

6.search result consist:

-classification

-position

-facility

-location

You can see the result of search by press the view button and after that press apply button.

7.job application consist:

-status:-filled

-job number

-position

-job group

-modified

-closing date

7.leave feedback:

Were very appreciative of any feedback you may wish to provide to Hospital You c an use the form feedback to submitted any suggestions.

8.user profile: consist all the information of user

SECURITY AND BACKUP

SECURITY AND BACKUP

\ An oft-heard analogy in the security business is that implementing security outside of the product you're trying to secure is like a bank locking the front door, but not the vault inside. Just as it is difficult to adequately protect the valuables in the vault without locking the vault itself, it is difficult to design software to adequately secure valuable information without locking down the database itself. Because the database holds the "crown jewels" of an organization's data, it is vastly important to protect this repository.

IBM builds almost no security into DB2, relying largely upon the independently developed and separately-sold Tivoli product line or the OS to deliver security solutions. As an article in InfoWorld states, "Tivoli Systems has re-branded IBM Secure Way and Tivoli security management offerings with the Tivoli Secure Way nameplate, but despite the apparent unification of the IBM and Tivoli product lines, a Tivoli official said the move reaffirms—rather than undermines—Tivoli's autonomous status."3 Keeping the security development organization separate and autonomous from the database development organization (and relying on Tivoli for all things security) means that DB2 is like the unlocked vault behind the bank's locked door.

Oracle, conversely, protects the data itself where it is stored—in the database. Oracle provides a plethora of security features, from privilege management to row-level access control, something that no other vendor provides even in their add-on security products. Oracle also ships security options and partners with security companies, ostensibly adding a front door lock, an alarm system, and guard dogs to the bolted vault inside the bank.

The Health market place system also give the security to the system . we create the user name and password to the system .Also give facility to create new user and new password to the system .User dose not delete

the values .User only rights to enter the values and update the values .We also take the backup the database.

Encryption in the Database:

Highly-publicized compromises of credit card numbers and personally identifiable information has prompted many organizations to consider encrypting especially sensitive data held in databases. Above and beyond other security mechanisms, one can obtain an additional measure of security by selectively encrypting sensitive data before storage in the database. IBM has delivered an introductory database encryption capability in the most

recent release, DB2 UDB 7.2, available since June 2001. DB2 has functions that enable an application to encrypt and decrypt data using an RC2 block cipher with a 128-bit key and using an MD2 message digest. It provides column-level encryption, enabling all values in a column to be encrypted with the same key—an encryption password.

First delivered in Oracle8i in 1999, Oracle provides an encrypt/decrypt interface to encrypt especially sensitive data in the database server. Oracle has been enhancing the database encryption solution over the years, adding in Triple-DES encryption and MD5 cryptographic checksums in a subsequent Oracle8i release. The first Oracle9i release enhanced the Random Number Generator (RNG) to use a FIPS 140 Level 2-certified RNG, another example of security with assurance. In the current release, Oracle provides DES (56-bit), 2-key and 3-key Triple-DES (112- and 168-bits, respectively) in an encryption toolkit package that enables applications to encrypt data within the database.

The IBM solution is password-based; the user supplies a password as the encryption key to encrypt and decrypt data. This is an elegant solution, however it does have certain drawbacks. First, there has been no independent certification of implementation (e.g., FIPS 140). Second is implementation.

While there is a minimum password length, DB2 SQL Reference documentation warns, "It is the user's responsibility to perform password management"10 because there's nothing to stop a user from never

changing a weak password which may be susceptible to a dictionary attack. Each implementation has its advantages. IBM's password-based key provides flexibility if not a slight overburden on the end user to choose a strong key. DB2 is in its 1.0 release, where Oracle has made stored data encryption enhancements in four development cycles. And customers can be assured that the Oracle solution is implemented securely, as it uses the FIPS-certified random number generator and runs in an evaluated database. While both databases encrypt data, the more mature and certified Oracle implementation places Oracle ahead of DB2 in this area .

ToutDoux uses an SQL back-end for tempaory data storage. As a result, it can benefit from the powerful SQL language and reliable software like PostgreSQL.ToutDoux is capable of using MySQL as a local database manager. However, since MySQL doesn't support sub-queries, it imposes an SQL-specific development on modules. This is unfortunate, since MySQL is better adapted than PostgreSQL for managing an SQL backend in a local application. Such support may come with the next version of MySQL (v4.00).

The SQL back-end requirements are :

postgresql-7.0.1 : database

postgresql-server-7.0.1 : database

postgresql-devel-7.0.1 : database.

The unix user (in this case 'toto') must be able to create and delete a database : Add to /ect/inittab : pg:2345:respawn:/bin/su - pgsql -c "postmaster" : starts postmaster deamon at boot

$ /bin/su - pgsql -c "postmaster" : starts postmaster for the current session $ su postgres : superuser login for database

$ initdb : initializes database

$ createuser toto : creates user 'toto'

Shall the new user be allowed to create database ? (y/n) y : gives permission for user 'toto' to create databases Shall the new user be allowed to create more users ? (y/n) n : denies permission for user 'toto' to create user accounts $ exit : superuser logout for database

Bibliography

Bibliography

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using Microsoft Visual Basic .net

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CONCLUSION

CONCLUSION

In this project is designed to manage process of THM brand except without the dash and no longer standing for individual hosting, a brand without literal meaning, associated with and now meaning an organization of institutions and individuals interested in using and collaborating upon software in support of higher education.

.Net Technology use for development is very user friendly and allows faster development.

Working on the project was good experience .I understand the importance of planning and development.

The program gave me vast amount of experience programming and also an opportunity to show the skill.

A project Report

On

www. The health care market place.com

At

VEBLOGY INNOVATIVE TECHNLOGY

By

AKEEL THAMER JAWAD

IN PARTIAL FULFILMENT OF REQUIREMENT
FOR THE AWARD OF THE DEGREE IN

MASTER OF COMPUTER SCEINCE
(M.C.s)

BABURAOJI GHOLAP COLLEGE OF

ARTS , COMMERCE & SCIENCE
SANGVI ,PUNE 27
UNIVERSITY OF PUNE

2008 – 2009

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