

A
PROJECT REPORT
ON
ONLINE ADMISSION SYSTEM FOR SCHOOL
BCA SEMESTER – VI



Submitted To

Acharya Motibhai Patel Institute Of Computer Studies
Ganpat University , Kherva

Guided By
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Group No
D18

Developed By
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PROJECT PROFILE

Title	Online Admission System For School
Objective	To Provide Information Regarding School And Get Admission.
Front End Tool	Microsoft Visual Studio 2010 (Asp.net)
Back End Tool	SQL Server 2008
Developed For	P.V.H. High school , Mansa
Internal Guide	Ms. Hiral B. Patel
Submitted To	Acharya Motibhai Patel Institute Of Computer Studies
Group No	D18
Developed By	Patel Payal B. (11032211193) Patel Rinkal B. (11032211209)

ABOUT ORGANIZATION

- ★ The name of organization is P.V.H. High school.
- ★ The organization was established in 1968.
- ★ The organization got permission of H.S.C in 1981.
- ★ Mr. Shaileshbhai B. Patel is principal in this organization.
- ★ The organization is handled by gram seva mandal , Mansa.
- ★ There are secondary and higher secondary section in this organization.
- ★ There are 15 teachers , 2 clerk and 3 peons are work in this organization.
- ★ In higher secondary , two courses commerce and arts are available.

- ★ A conference hall, library and laboratory are some facilities which Provide by the organization.
- ★ Address : P.V.H. High school
Near civil hospital
Mansa
- ★ Phone : (02763)270704

EXISTING SYSTEM

- ★ Currently , The system is totally manual.
- ★ The manual system is slow then the computerized system.
- ★ It is very time consuming.
- ★ It is very complex system.
- ★ It is required more clerical work and use more man power.
- ★ The current system is not user friendly.
- ★ It takes too much cost to perform procedure.
- ★ In this , Paper losing or burning paper is possible.
- ★ It is difficult to store the data.

NEED FOR NEW SYSTEM

- ★ The new system is totally computerized system.
- ★ The system should be flexible.
- ★ It provide security and authorization.
- ★ It save time and cost.
- ★ It is user friendly.
- ★ In new system , use less man power than manual system.
- ★ In this , the data require less space to store than the manual system.
- ★ Students can easily get information about organization and easily apply for admission.

HARDWARE & SOFTWARE REQUIREMENT

★ Client side ★

→ Hardware : (Recommended)

Processor : Pentium – 4 and above
RAM : 512 MB

→ Software : (Recommended)

Browser : Internet explorer or
any supported browser

★ Server side ★

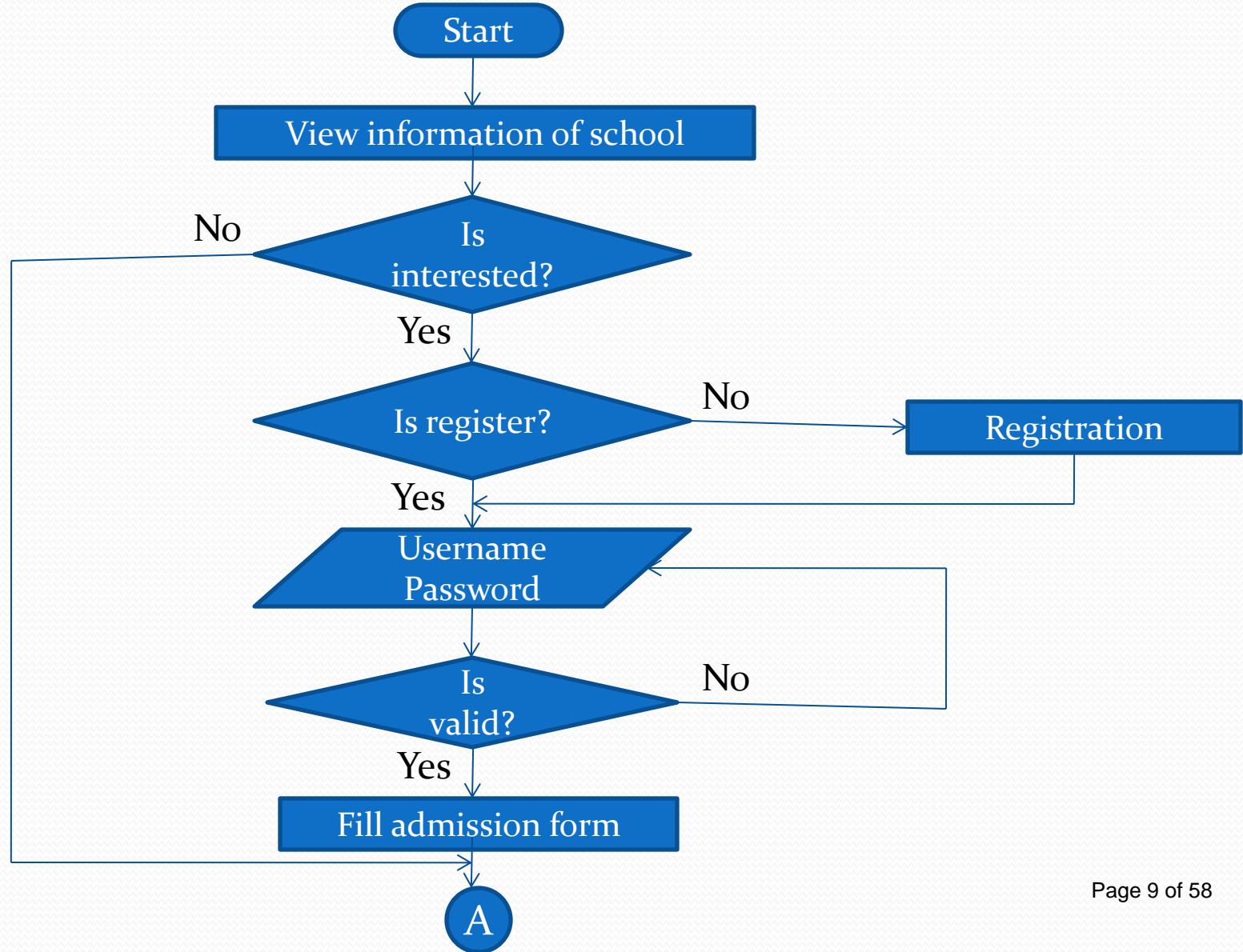
→ Hardware : (Recommended)

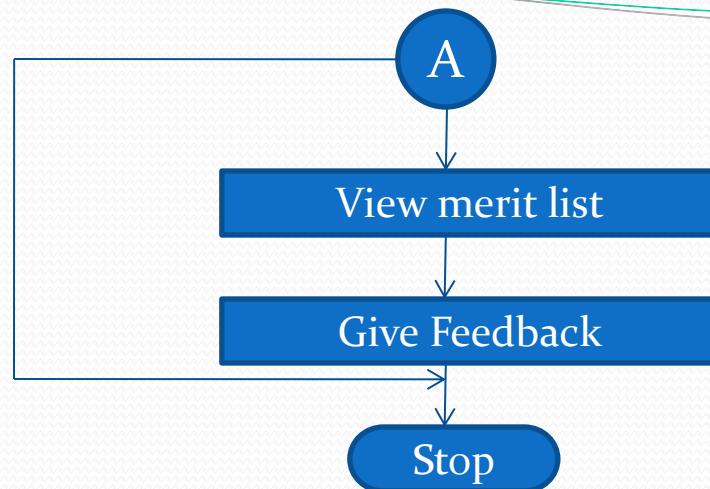
Processor : Pentium – IV and above
RAM : 4 GB
Hard disk : 20 GB

→ Software : (Recommended)

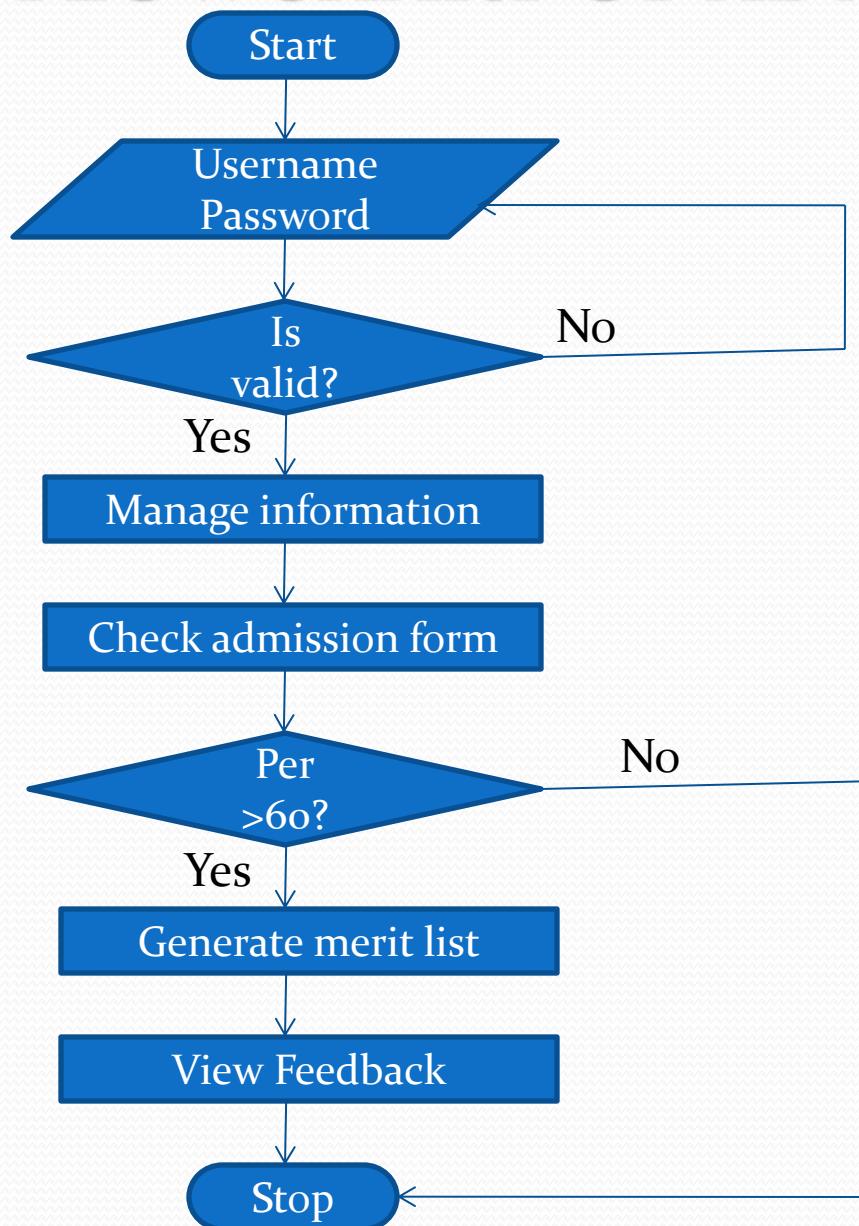
Os platform : Windows 7
Front end : Microsoft Visual Studio 2010
Back end : SQL server 2008
Application server : IIS 4.0
Supported Tool : Wowslider ,
Adobe photoshop 7.0

SYSTEM FLOWCHART OF STUDENT



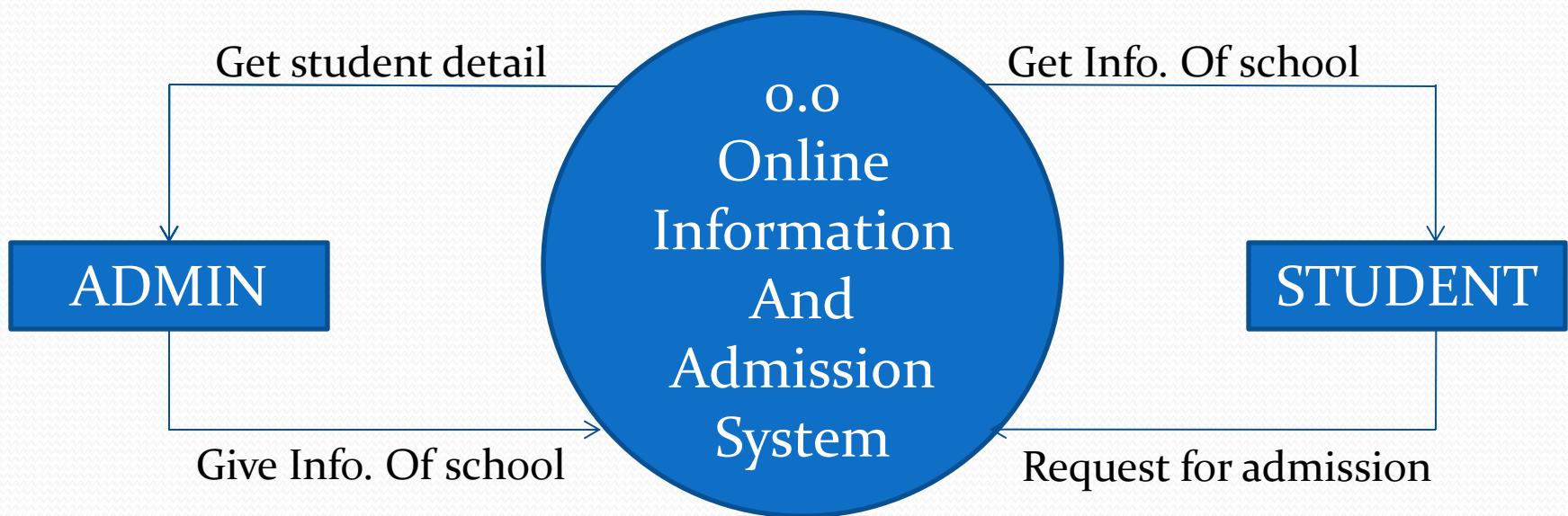


SYSTEM FLOWCHART OF ADMIN

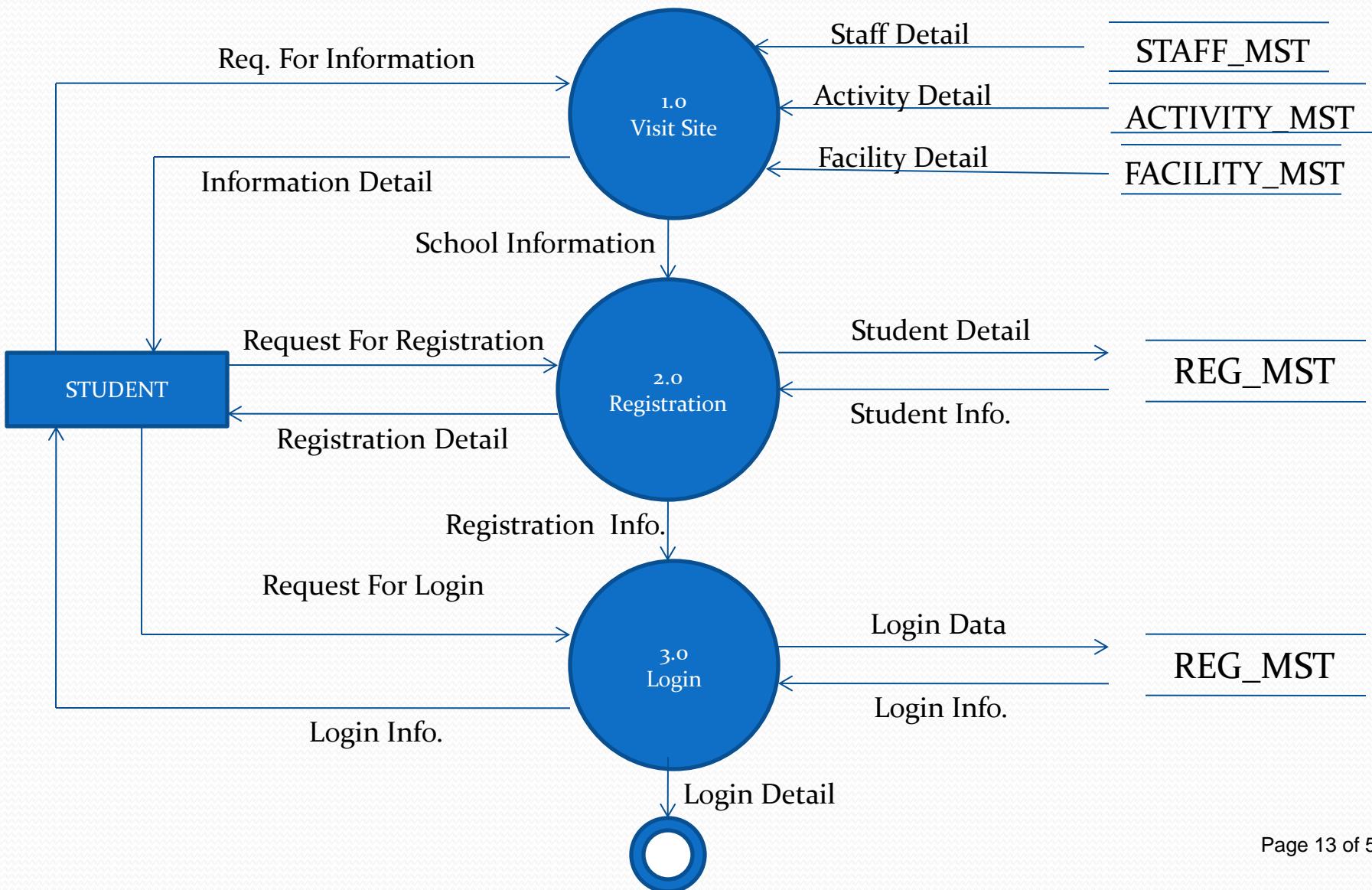


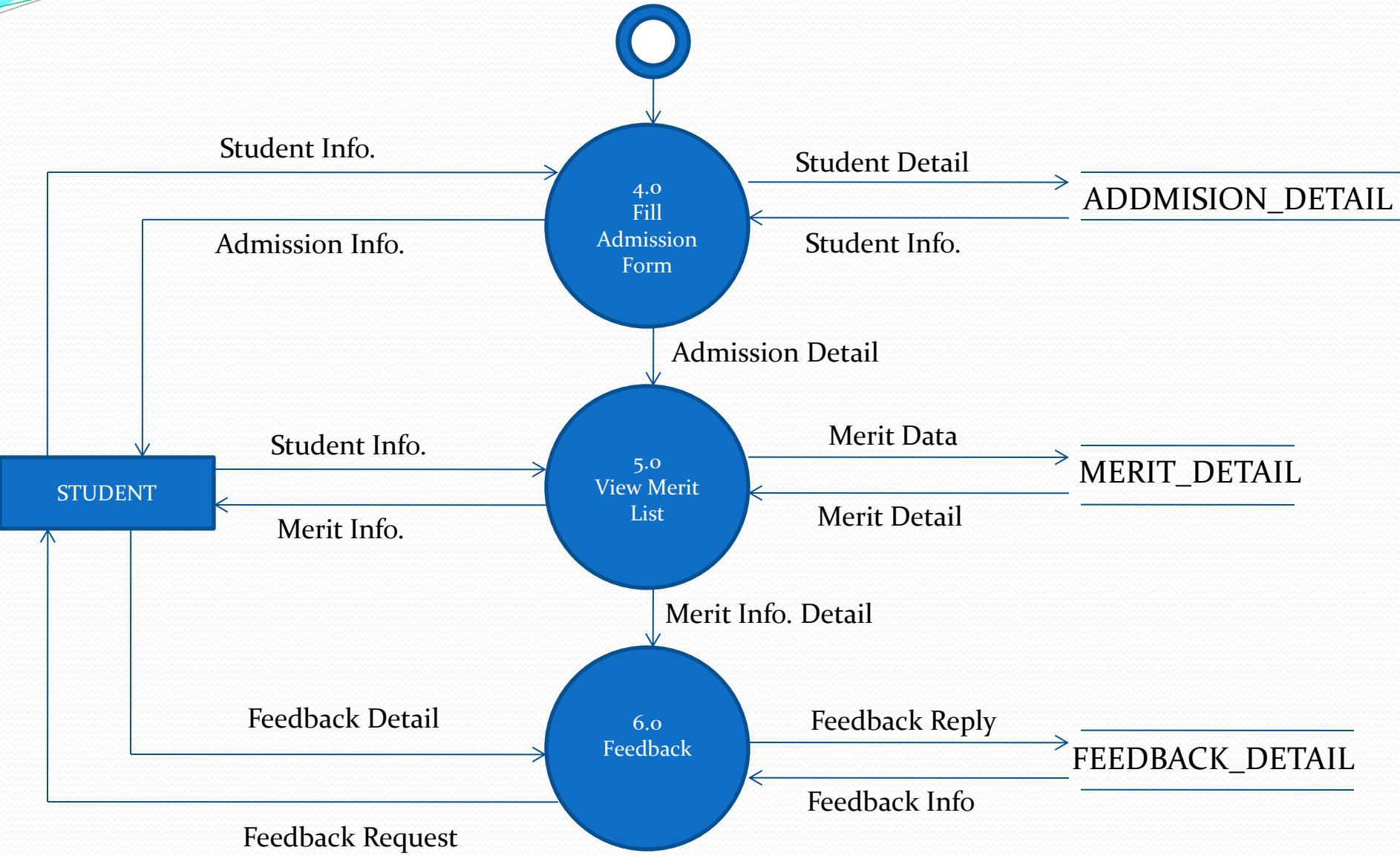
DATA FLOW DIAGRAM

★ Context level DFD ★

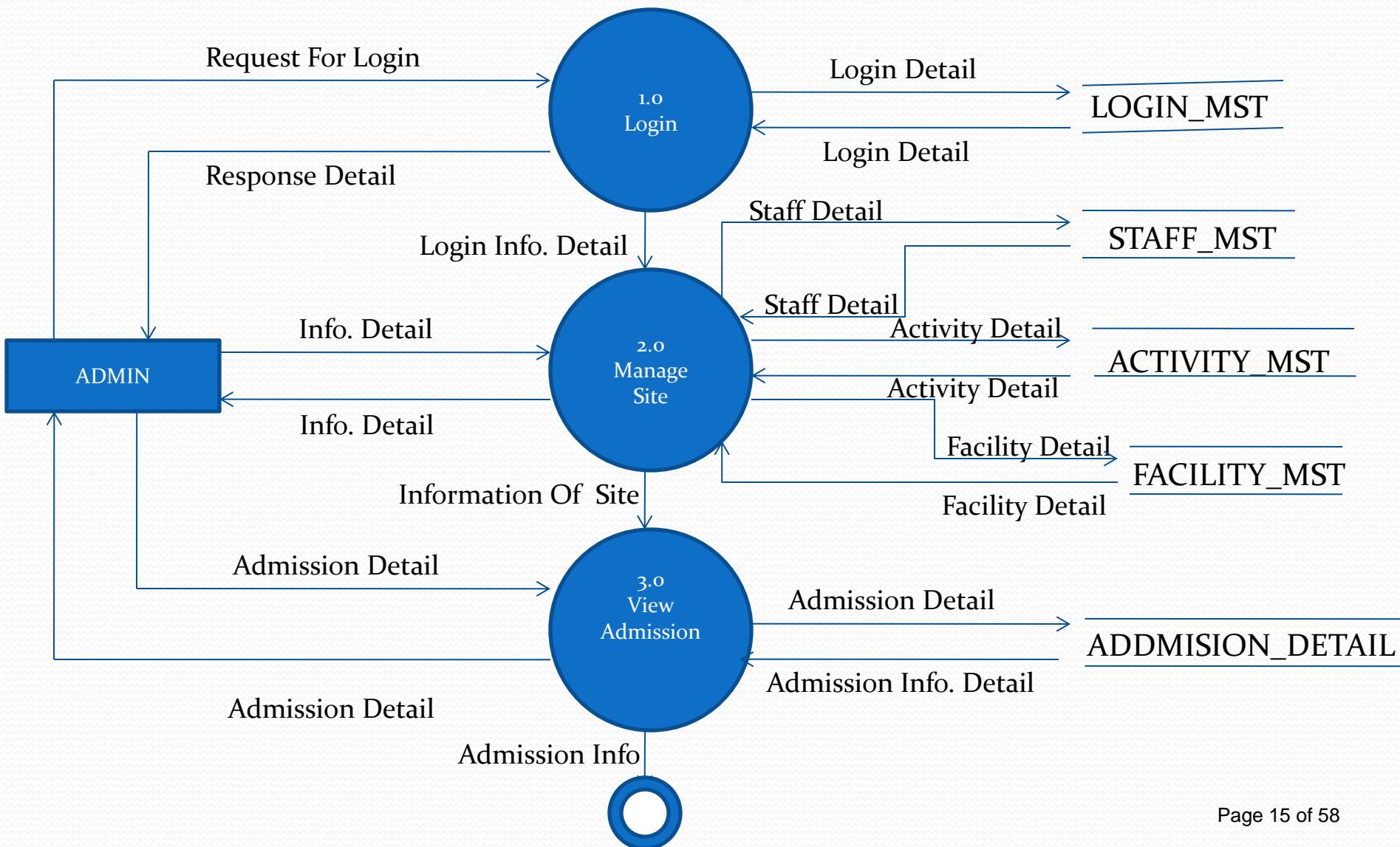


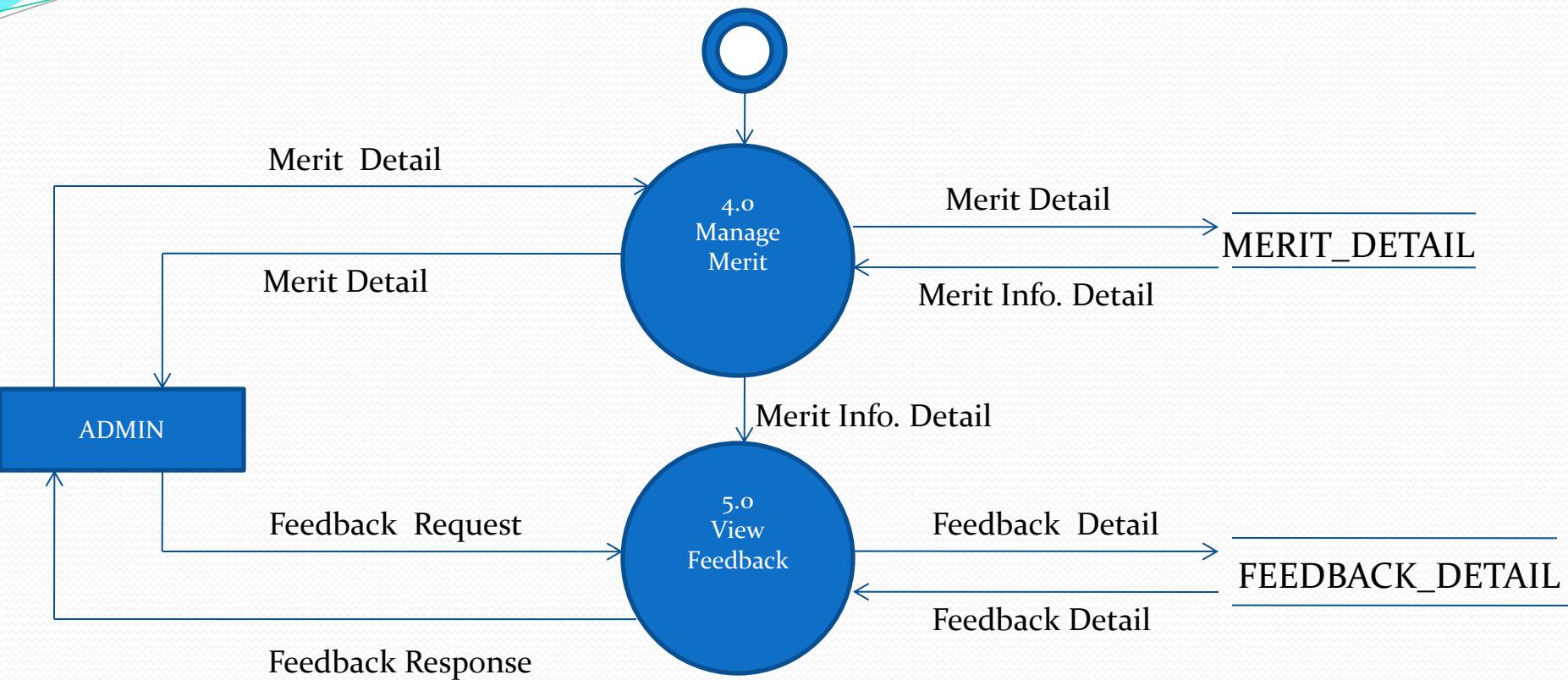
★ 1st level DFD for student ★



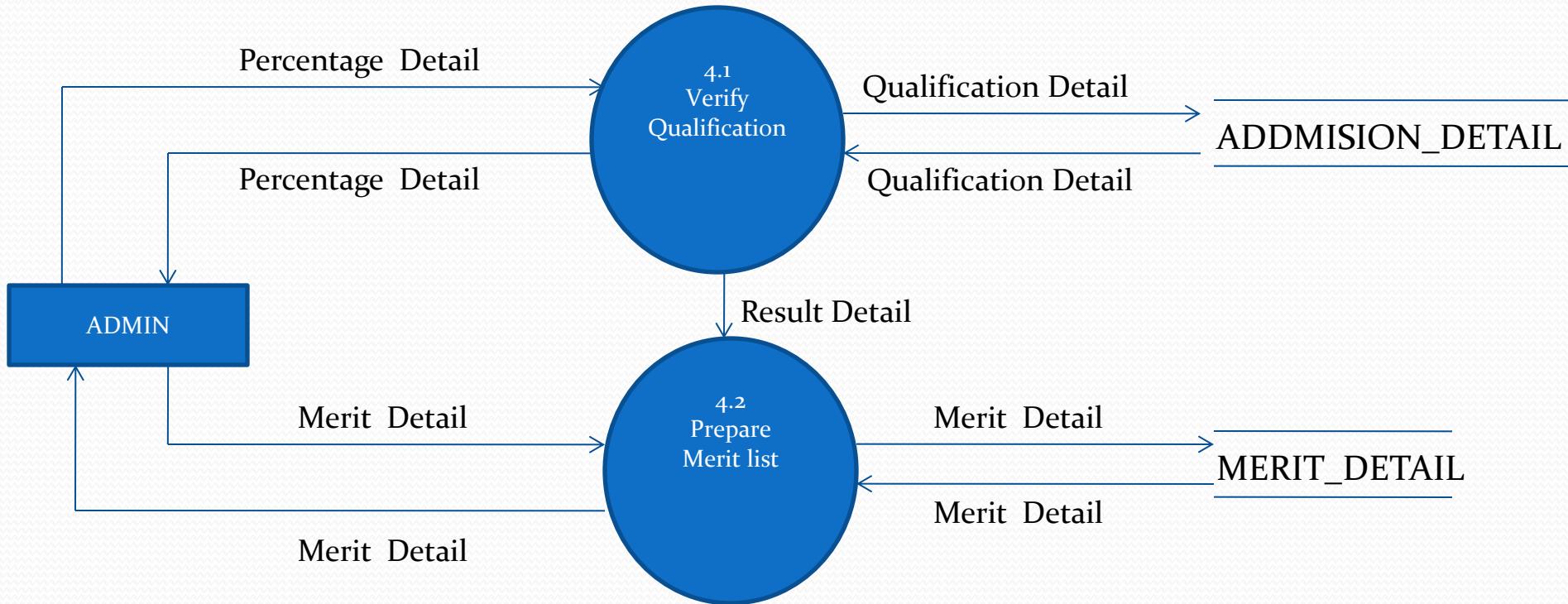


★ 1st level DFD for Admin ★

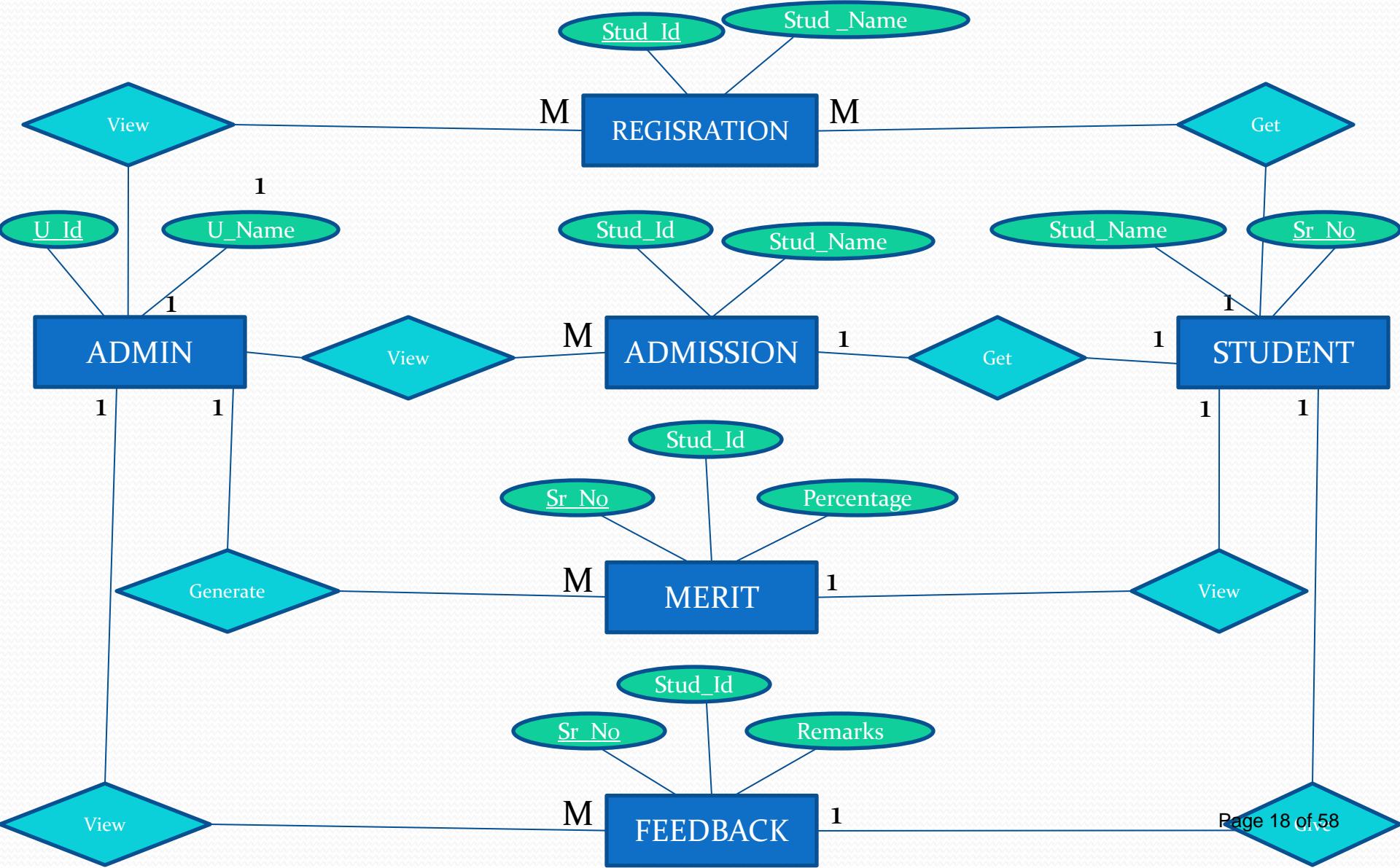




★ 2nd level DFD for process 4.0 ★



E - R DIAGRAM



DATA DICTIONARY

1> LOGIN_MST

Sr.no	Field name	Data type (Size)	Constraint	Description
1	U_Id	int	Primary key	User id
2	U_Name	nvarchar (20)	Not Null	User name
3	Password	nvarchar (10)	Not Null	Password

2> STAFF_MST

Sr.no	Field name	Data type (Size)	Constraint	Description
1	Teacher_Id	int	Primary key	Teacher id
2	Teacher_Name	nvarchar (20)	Not null	Teacher name
3	Photo	nvarchar (MAX)	Not null	Path
4	Address	nvarchar (MAX)	Not null	Address
5	Contact_No	nvarchar(13)	Null	Contact no
6	Qualification	nvarchar (20)	Not null	Qualification

3> ACTIVITY_MST

Sr.no	Field name	Data type (Size)	Constraint	Description
1	A_Id	int	Primary key	Activity id
2	A_Name	nvarchar (20)	Not null	Activity name
3	Photo	nvarchar (MAX)	Not null	Path of photo
4	Date	date	Null	Date
5	Place	nvarchar (20)	Not null	Place
6	Incharge	nvarchar (20)	Null	Head Person Name
7	No_of_student	int	Null	Students

4> FACILITY_MST

Sr.no	Field name	Data type (Size)	Constraint	Description
1	F_Id	int	Primary key	Facility id
2	F_Name	nvarchar (20)	Not null	Facility name
3	Photo	nvarchar (MAX)	Not null	Path Of Photo
4	Remarks	nvarchar (MAX)	Null	Remarks

5> REG_MST

Sr.no	Field name	Data type (Size)	Constraint	Description
1	Stud_Id	int	Primary key	Student Id
2	Stud_Name	nvarchar (20)	Not null	Student Name
3	Stud_City	nvarchar (10)	Not null	Student City
4	Mobile _No	nvarchar(13)	Not null	Mobile No
5	Username	nvarchar (20)	Not null	Username
6	Password	nvarchar (10)	Not null	Password

6> ADMISSION_DETAIL

Sr.no	Field name	Data type (Size)	Constraint	Description
1	Sr_No	int	Primary key	Serial no
2	Stud_Id	int	Foreign key	Student id
3	Stud_Name	nvarchar (20)	Not null	Student name
4	Father_Name	nvarchar (20)	Not null	Father name
5	Occupation	nvarchar (10)	Not null	Father occupation
6	Address	nvarchar (MAX)	Not null	Address
7	Birthdate	Date	Not null	Birth date
8	Cast	nvarchar (10)	Not null	Cast
9	Gender	nvarchar (5)	Not null	Gender
10	Passed _standard	nvarchar(10)	Not null	Last Standard
11	Last _school_ name	nvarchar (20)	Not null	School Name
12	Last _year_ result	nvarchar(10)	Not null	Result
13	Stream	nvarchar (10)	Null	Stream

7> MERIT_DETAIL

Sr.no	Field name	Data type (Size)	Constraint	Description
1	Sr_No	int	Primary key	Serial Number
2	Stud_Id	int	Foreign key	Student Id
3	Stud_Name	nvarchar (20)	Not null	Student Name
4	Percentage	nvarchar(5)	Not null	Student Percentage

8> FEEDBACK_DETAIL

Sr.no	Field name	Data type (Size)	Constraint	Description
1	Sr_No	int	Primary key	Serial Number
2	Stud_Id	int	Foreign key	Student Id
3	Stud_Name	nvarchar (20)	Not null	Student Name
4	Remarks	nvarchar (MAX)	Null	Student Remarks

PROCESS ALGORITHM FOR STUDENT

Step 1 : Start

Step 2 : View the site and get information about school

Step 3 : If student is interested for admission , Then next step , else go to stop

Step 4 : If student is registered then enter username and password , else go to student registration form

Step 5 : Enter username and password
If is valid then go to student admission , else renter username and password

Step 6 : View the merit list

Step 7 : Give feedback

Step 8 : stop

PROCESS ALGORITHM FOR ADMIN

Step 1 : Start

Step 2 : Enter username and password is valid than go to next step
else renter username and password

Step 3 : Manage the site

Step 4 : View the admission form

Step 5 : Check percentage is >60 then record go to merit list otherwise
go to respect end

Step 6 : Prepare merit list

Step 7 : View the feedback

Step 8 : stop

BRIEF DESCRIPTION OF PROCESS FOR ADMIN

- View site** :- Student view the information of site from staff master , activity master and facility master
- Registration** :- Student register themselves and their data store in registration master table
- Login** :- Student can login for admission process and student's id and password fetch from registration table
- Admission** :- Student fill the admission form which is store in admission detail table
- View merit** :- Student get information about merit which is store in merit detail table
- Feedback** :- Student can give feedback which is store in feedback details table

BRIEF DESCRIPTION OF PROCESS FOR STUDENT

Login

:- First , To access the site admin must be give username password for login

Manage site

:- Admin can manage information of the site such as staff info , activity info. and facility info.

View admission :-Admin view the information of students which is store in admission detail table

Manage merit

:- To prepare a merit list admin use some criteria which was decided for admission

View feedback

:- Admin view the feedback of student which is store in the feedback details table

INPUT DESIGN FOR USERSIDE



http://localhost:1041/school/Home.aspx

AMPICS LIBRARY



Google



Favorites

Suggested Sites Web Slice Gallery

http://localhost:1041/school/Home.aspx



Page

Safety

Tools



P.V.H.HIGH SCHOOL MANSA

[Home](#) [History](#) [Staff](#) [Activity](#) [Facility](#) [Contact us](#) [Log in](#) [View Merit](#)





P.V.H. HIGH SCHOOL MANSA

[Home](#) [History](#) [Staff](#) [Activity](#) [Facility](#) [Contact us](#) [Log in](#) [View Merit](#) [Feedback](#)

REGISTRETION FORM

Student Name :

City :

Mobile no : Must be enter mobile no

Username :

Password :

[Submit](#)

[cancel](#)

Note : Please remember your username and password for login.



P.V.H. HIGH SCHOOL MANSA

App_Web_ph0wtw...

Username

Password

Note : If you are not registered user then,register using create account.

[Home](#)

OK

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http://localhost:1043/school/Admission.aspx

ADMISSION FORM

Please use the form below to request Admission Application and information about P.V.H.High queries, please call on School Number (02763)270704. Required All fields.

priya

Student Id	<input type="text" value="3"/>
Student Name	<input type="text" value="patel priya"/>
Father Name	<input type="text" value="patel ramanbhai"/>
Occupation	<input type="text" value="business"/>
Address	<input type="text" value="dev bunglows"/>
Birthdate	<input type="text" value="1/1/1994"/> MM/DD/YYYY
Cast	<input type="text" value="hindu"/>
Gender	<input type="text" value="Female"/>
Passed Standard	<input type="text" value="10"/>
Last School Name	<input type="text" value="shisumandir"/>
Last Year Result	<input type="text" value="78"/>
Stream	<input type="text" value="Arts"/>
Email Id	<input type="text"/>

Submit

Cancel



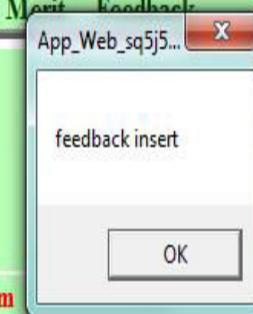
P.V.H. HIGH SCHOOL MANSA

[Home](#) [History](#) [Staff](#) [Activity](#) [Facility](#) [Contact us](#) [Log in](#) [View Merit](#) [Feedback](#)

StudId	<input type="text" value="3"/>
StudName	<input type="text" value="priya"/>
Remarks	<input type="text" value="best teaching"/>

Note : If you give feedback , give username and password in loginform

priya



INPUT DESIGN FOR ADMINSIDE



http://localhost:1043/school/Admin/Login.aspx

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Favorites

Suggested Sites Web Slice Gallery

http://localhost:1043/school/Admin/Login.aspx

Page Safety Tools

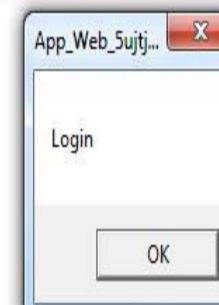


P.V.H. HIGH SCHOOL MANSA

Username

Password

Log in





P.V.H. HIGH SCHOOL MANSA

payal

STAFF FORM

Teacher Id	<input type="text"/>
Teacher Name	Mrs. unnati patel
Photo	~/project photo/mlogo.jpg
Address	Mahesana
Contact No	<input type="text"/>
Qualification	Msc

[Insert](#) [Update](#) [Delete](#)

TeacherId	TeacherName	Photo	Address	ContactNo	Qualification
1	Mr. Dipak patel	~/project photo/mlogo.jpg	Mansa	9925598189	M.A.B.ed
2	Mr. Shailesh patel	~/project photo/mlogo.jpg	Ahmedabad		M.Sc.B.ed
3	Mr. Kanu chauhan	~/project photo/mlogo.jpg	Gandhinagar		M.A.B.ed
4	Mrs. Swati patel	~/project photo/mlogo.jpg	Gandhinagar		M.Sc.B.ed
5	Mr. Vasant patel	~/project photo/mlogo.jpg	Ahmedabad		M.A.B.ed



Favorites

Suggested Sites



P.V.H. HIGH SCHOOL MANSA

ACTIVITY FORM

payal

Activity Id	<input type="text"/>
Activity Name	republic day
Photo	~/project photo/v5.jpg
Date	1/26/2014
Place	mansa
Incharge	umesh prajapati
No on student	50



AId	AName	Photo	Date	Place	Incharge	Noofstudent
1	NssCamp	~/project photo/a2.jpg	4/20/2013 12:00:00 AM	Mansa	Mr. Deepak Patel	20
2	Vrukharopan	~/project photo/v4.jpg	1/17/2013 12:00:00 AM	Mansa	Mr. Vimam Bhramabat	25
3	Sport	~/project photo/sport3.jpg	5/15/2013 12:00:00 AM	Mansa	Mr. Haresha Patel	15
4	Festival	~/project photo/v5.jpg		Mansa		
5	Navratri	~/project photo/n1.jpg	10/5/2010 12:00:00 AM	Mansa		

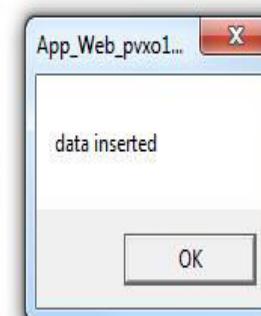


P.V.H. HIGH SCHOOL MANSA

payal

FACILITY FORM

Facility Id	<input type="text"/>
Facilityt Name	<input type="text" value="aaa"/>
Photo	<input type="text" value="~/project photo/li4.jpg"/>
Remark	<input type="text" value="abcd"/>



FId	FName	Photo	Remarks
1	Laboretary	~/project photo/la2.jpg	Provide Facility to do Perform Science Practical.
2	Library	~/project photo/li4.jpg	Provide good knowledge for the help of books.
3	ComputerLab	~/project photo/comp.jpg	Provide knowledge about computer.
4	ConferenceHall	~/project photo/co1.jpg	Provide Hall to do entertainment activity.
6	bbb		



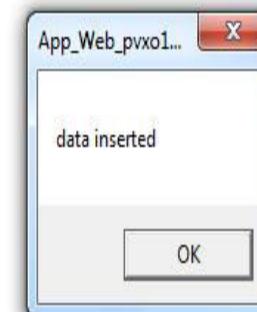
P.V.H. HIGH SCHOOL MANSA

payal

MERIT FORM

Serial No	<input type="text"/>
Student Id	<input type="text" value="3"/>
Student Name	<input type="text" value="priya"/>
Percentage	<input type="text" value="78"/>

SrNo	StudId	StudName	Percentage
1	2	Payal	80
3	2	kaja	70



OUTPUT DESIGN FOR USERSIDE

[Home](#) [History](#) [Staff](#) [Activity](#) [Facility](#) [Contact us](#) [Log in](#) [View Merit](#) [Feedback](#)

	Teacher Name	Mr. Dipak patel
	Address	Mansa
	Contact No	9925598189
	Qualification	M.A.B.ed
	Teacher Name	Mr. Shailesh patel
	Address	Ahmedabad
	Contact No	
	Qualification	M.Sc.B.ed
	Teacher Name	Mr. Kanu chauhan
	Address	Gandhinagar
	Contact No	
	Qualification	M.A.B.ed
	Teacher Name	Mrs. Swati patel
	Address	Gandhinagar
	Contact No	
	Qualification	M.Sc.B.ed
	Teacher Name	Mr. Vasant patel





Activity Name :- NssCamp
Date :- 4/20/2013 12:00:00 AM
Place :- Mansa
Incharge Person :- Mr. Deepak Patel
No Of Student :- 20



Activity Name :- Vrukharopan
Date :- 1/17/2013 12:00:00 AM
Place :- Mansa
Incharge Person :- Mr. Viman Bhramabat
No Of Student :- 25



Activity Name :- Sport
Date :- 5/15/2013 12:00:00 AM
Place :- Mansa
Incharge Person :- Mr. Haresha Patel
No Of Student :- 15



Facility Name Laboretary

Remarks Provide Facility to do Perform Science Practical.



Facility Name Library

Remarks Provide good knowledge for the help of books.



Facility Name ComputerLab

Remarks Provide knowledge about computer.

Getting Started Latest Headlines

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MERIT LIST

2



Find...



1 of 1

100%

SAP CRYSTAL REPORTS®

Group Tree

Main Report

21/04/2014

SrNo	StudId	StudName	Percentage
1	2	Payal	80
3	2	kaja	70

Done



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6:59 PM

21/04/2014

OUTPUT DESIGN FOR ADMINSIDE



P.V.H. HIGH SCHOOL MANSA

payal

REGISTRETION FORM

Serial No

StudId	StudName	StudCity	MobileNo	Username	Password
1	rinkal	mansa	12345678	rinkz	rinkal
2	payal	mansa	1234567890	pal	pal193
3	priya	aajol	8888888888	priya	priya



P.V.H. HIGH SCHOOL MANSA

payal

ADMISSION FORM

Serial No

SrNo	StudId	StudName	FatherName	Occupation	Address	Birthdate	Cast	Gender	PassedStandard	LastSchoolName	LastYearResult	Stream	EmailId
1	2	Payal	Bhupendrabhai	Job	Mansa	12/8/1993 12:00:00 AM	Hindu	female	10	Karnavati	80	Commerce	
2	2	Kajal	Kanubhai	Job	Mansa	10/27/1993 12:00:00 AM	Hindu	Female	9	abc	70		



P.V.H. HIGH SCHOOL MANSA

STUDENT FEEDBACK

Serial No

payal

SrNo	StudId	StudName	Remarks
1	2	payal	good teaching

Getting Started Latest Headlines

SAP CRYSTAL REPORTS®

Group Tree Main Report

Merit List

18/04/2014

SrNo	StudId	StudName	Percentage
1	2	Payal	80
3	2	kaja	70
4	3	priya	78

Done



TESTING

Testing is a process of executing with the explicit information of finding error that making in the program.

★ **Code Testing :-**

The code – Testing strategy examines the logic of program. The analyst develops test case result in executing every instruction in the Module. Every part of the program is tested.

★ **Unit Testing :-**

Unit Testing Focuses first on the modules independently Of one another to locate errors. This enables the tester to detect error in Coding and logic that are contained within that program alone the test Case needed for unit testing should exercise each condition and option.

unit can be performed from button up starting with the Smallest and lowest proceeding at a time.

★ Validation Testing :-

Validation testing provides final assurance that system Meets all input requirements or not. validation testing like phone number , number value , only character etc.

POST IMPLEMENTATION REVIEW

- ★ The performance level of users has improved.
- ★ The system needs less paper work , save time , secure data.
- ★ Admin can work very quickly.
- ★ There is various information which should be retrieved Very easily.

FUTURE ENHANCEMENT

There is one segment named lab unit needed computer system to improve work. In this system , we tired to make a simple application for user. We can change our System day by day as per user requirements will be changed. In future , we want to implement below point in our system.

- ★ We can generate student attendance report.
- ★ We can generate report of student 's result.

BIBLIOGRAPHY

★ Microsoft Asp. Net :-

Author Name :- Shayam N Chavla

Publisher Name :-Nirav Prakashan

★ Websites :-

www.podarschool.com

www.Mahatmagandhischool.com

www.devschool.com

Thank you