POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

REPORT FILE

For

Placement Drive Solutions

PRAKALP

PRAKALP/2017/003

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Software Requirements Specification

Project Name – Placement Drive Solutions

1.0 Introduction

Placement Drive Solutions **[PDS]** is for the Placement Organizer of **PIET CS** Department to identify the eligible students for upcoming Companies and those who get placed in earlier companies in last few years and the current status of the department.

1.1Purpose

Placement Drive Contains lots of issues regarding the entire data base and fetching the details of a particular students for different purposes on **Searching, Sorting and categorising** the students to generate the required reports for further activities and record.

The **PDS** Software /Website will definitely overcome all the basic requirements and help them out to resolve all the problems related to Placement Drive.

1.2 Scope

Our objective is to make the whole process as smooth as we can do and take good initiative to give our best for better functioning of entire process.

1.3 Definitions

Placement- The temporary posting of someone in a workplace to enable them to gain work experience.

Campus Drive- Campus **placement** or campus interview is the program conducted within educational institutes or in a common place to provide jobs to students pursuing or in the stage of completing the programme.

1.4 Abbreviations

(PDS)*Placement Drive Solutions

1.5 Overview

The complete bulk of data and information will keep in a systematic way to reduce extra efforts for doing general purpose task like:-

- Obtaining details of eligible students for particular company.
- Fetching data of Placed Students.
- Generating Reports for different companies.
- Print excel format data list etc.

Whole functionality of Placement drive will be monitored through the website & all requirements for different operations can be done smoothly.

2.0 Overall Descriptions

In PDS (Placement Drive Solution) those who are in organising team, they can get many help from it by fetching details from the single source of website.The functionality behind the screen brings out the required results as per the searching options and they can filter it out by choosing the right criteria according to their need.

The website contains lots of information and friendly navigation bar to choose details of student's data record.

2.1 Product Perspective

The PDS is developed to overcome the problems faced by Placement Drive Organizers and to make aneasy comfortable process for complete operations involved during the placement sessions.

2.2 Interfaces

2.2.1 System Interface

System will involve user to easily fetch details by user. They can interact by filtering their requirements as required. Developer makes the whole process smooth and systematic so that it should run efficiently in different platform and accessed by user.

2.2.2 User Interface

User must have Basic Idea about Computer system and Internet accessing knowledge.

2.2.3 Software Interface

Operating System (OS), Internet Browser, Internet Connection.

2.2.4 Hardware Interface

To access the software there must be computer system/laptop of minimum 1GB RAM, OS, Browser, and InternetConnection.

2.3 Product Function

The result we are getting from the different operations involves the functions of the software. It contains many options for fetching filtered output in particular format. The information can be saved, downloaded and updated as per the rights given to the Students / Faculty Members/ Developer.

2.4 Constraints

2.5 Assumptions & Dependencies

We assume that our user must have basic knowledge of internet, MS office & Computer System.

Software is not completely dependent on internet but to access it globally the software must required computer with internet connection.

Further updation for software as per user's requirement could be done by Developers.

3.0 Functional Requirement (Objective):

- Application need to provide ***support on web***.
- Application should have information of all Students including ***Reg. No., Student Name, E-mail, Placement Details, Company details, Event Details etc.***
- Application should have a feature that user must ***login*** with **Google+ (Poornima ID)** before accessing or updating the information.
- Application has mainly two type of account. First for ***Admin (HOD and Placement coordinator)*** and second for ***Student.***
- Application has a feature of ***showing new notifications or message (like: New event(s), Updation in details or new information regarding placement activity etc.)***.
- Application has all information about ***Admin (like: Name, Other Details for enquiry etc.) and student (like: Name, Other Details etc.).***
- Application should have good database management including feature of ***Inserting, Updating, Searching, Filtering, and Deleting***.
- Some other features can be included.

3.1 Admin Role:

- Admin is of two type: -
    - HOD
    - Placement Coordinator.
- Admin can insert all the data of Student.
- Admin can update the information also.
- Admin should have to verify the information before updating master database.
- Only HOD has right to change the admin rights.
- Admin can see the all details of all Students.
- In short ***admin, has right to access and change all the information.***
- Some other features may be also there to maintain database perfectly.

3.2 User Role:

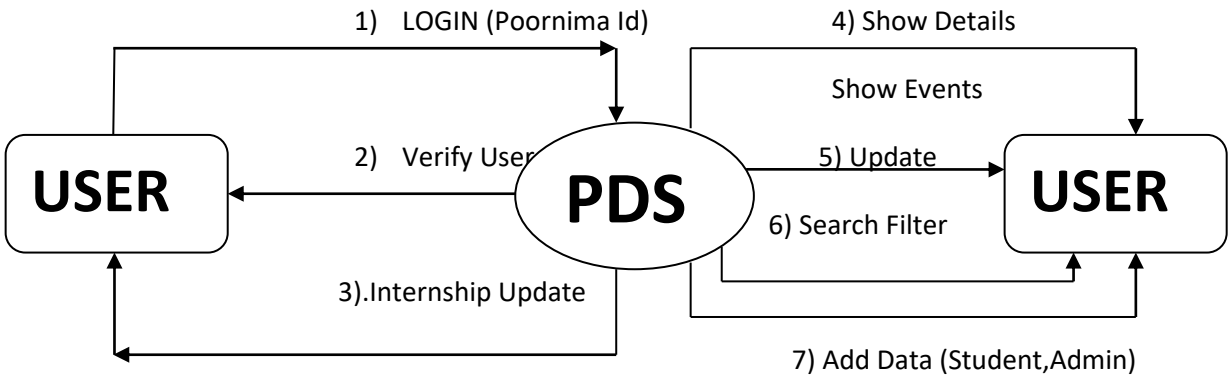
- User can access the information of himself only.
- User can access the information of placement related activity.
- User can change his information but it is update in master database only after verification from admin.
- Some other features may be also there to maintain placement drive perfectly.

Project Name : Placement Drive Solutions

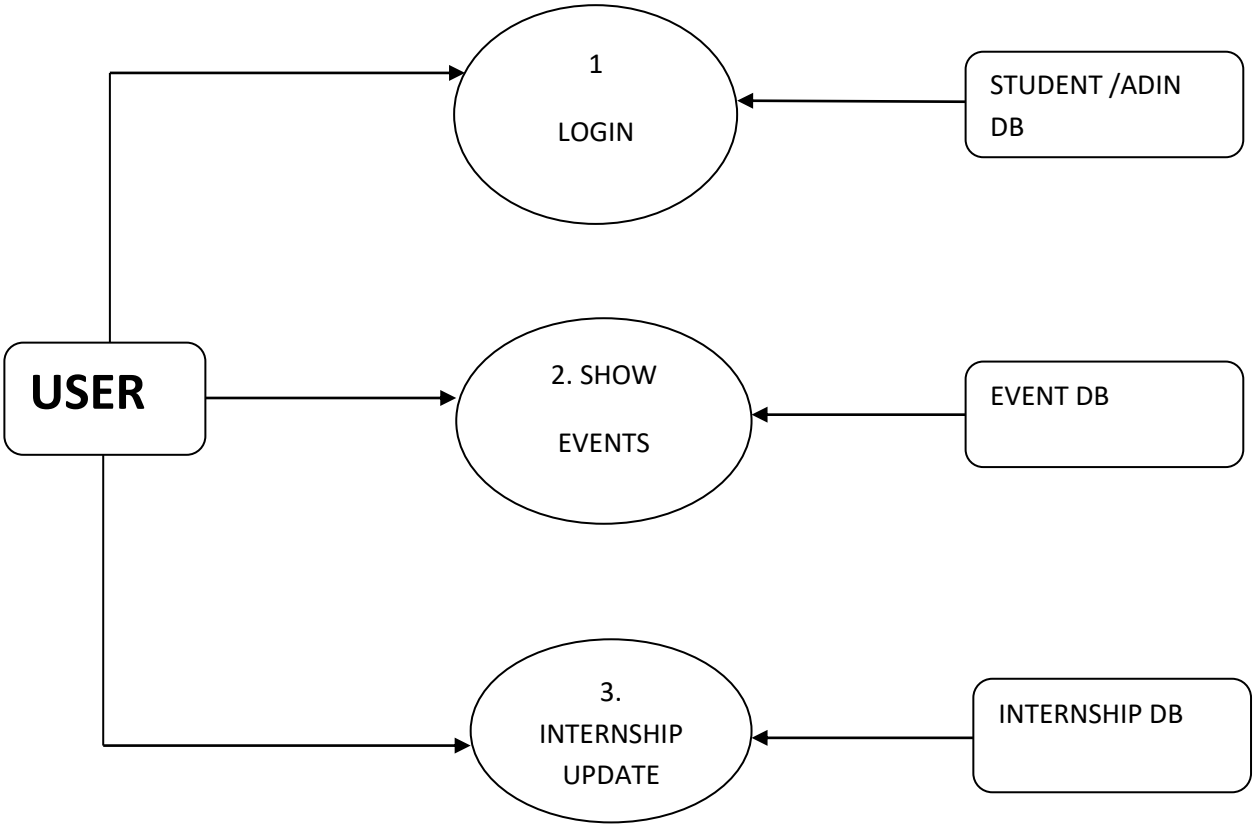
Tested By :- Ayush Bhaskar

TS_ID	Test Case No.	Test Objective	Test Steps	Test Data	Expected Result	Actual Result
TS_01	TC_01	Website Access on Local Hosting	URL= localhost/3P/PDS/index.php	Website Successfully Visted	Home page found	Success
TS_02	TC_02	Student Login	Login Via Google Acoount Id & Password	Username=XYZ@poornima.org Password=*****	Navigated To Profile	Success
TS_03	TC_03	Login with Invalid details	Login Via Google Acoount Id & Password	Username=XYZ@gmail.com Password=***	Unsuccessful Login	Success
TS_04	TC_04	Session Time Out	Click on Home After Login	Didn't Sign Out the Session	Fail to LogOut	Success
TS_05	TC_05	Empty Login Details	Enter either of the fields	Username=------ @yahoo.com Password=***	Unsuccessful Login	Success
TS_06	TC_06	Home Button Check	Click on Home	Redirected to Home Page	Home page	Success
TS_07	TC_07	Acadmic Button	Click on Acadmic	Planning/Syllabus/Placement_Prepration	Buttons Found	Success
TS_08	TC_08	Recruiters	Click on Recruiters	Eminent/Gallery/Present/Up_Comming	Buttons Found	Success
TS_09	TC_09	About_Us	Click on About_Us	Redirected to About_us Data	Data Fetched On Click	Success
TS_10	TC_10	Placement	Click on Placement	Activities/Current/Previous Year	Buttons Found	Success
TS_11	TC_11	Contact Us	Click on Placement	Redirected to Contact_Us Page	Data Fetched On Click	Success
TS_12	TC_12	Internship Button	Click on Internship	Summer/Foreign/Details_Internship	Data Fetched On Click	Success
TS_13	TC_13	Show Detail Button Check	Click on Show Detail	Student's Personal/Professional/Placement/Update	Details Fetched	Success
TS_14	TC_14	Logout Button	Click on Logout	Navigated to Home Page	Succesfully Logout	Success

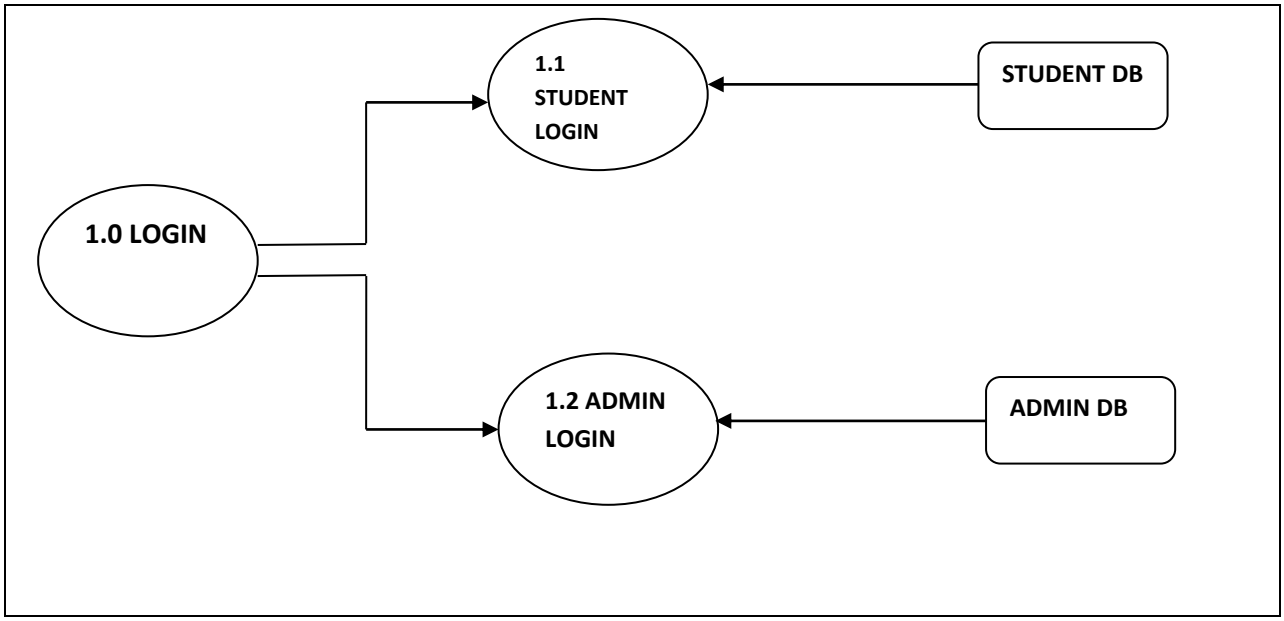
LEVELS OF DFD FOR "PLACEMENT DRIVE SOLUTIONS"



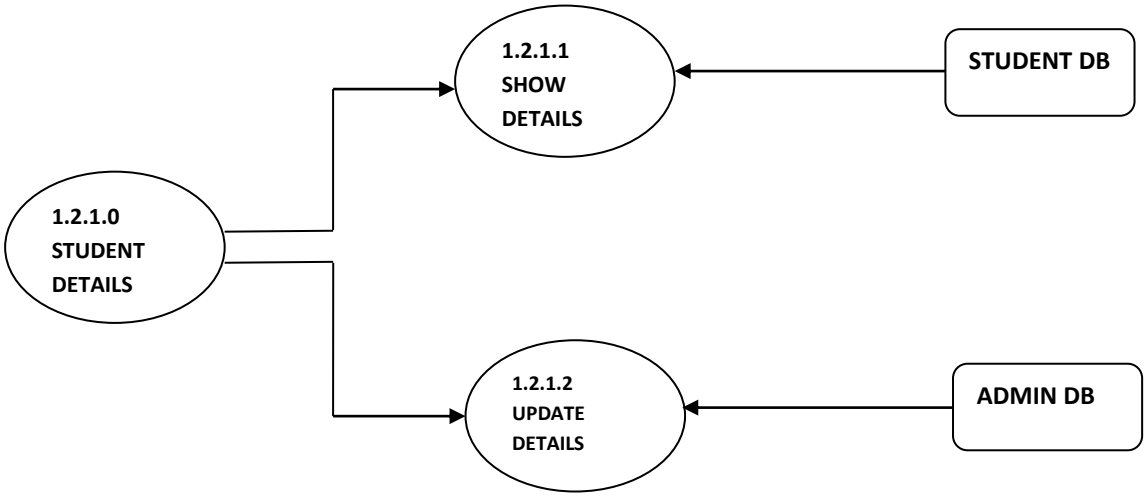
LEVEL "0"



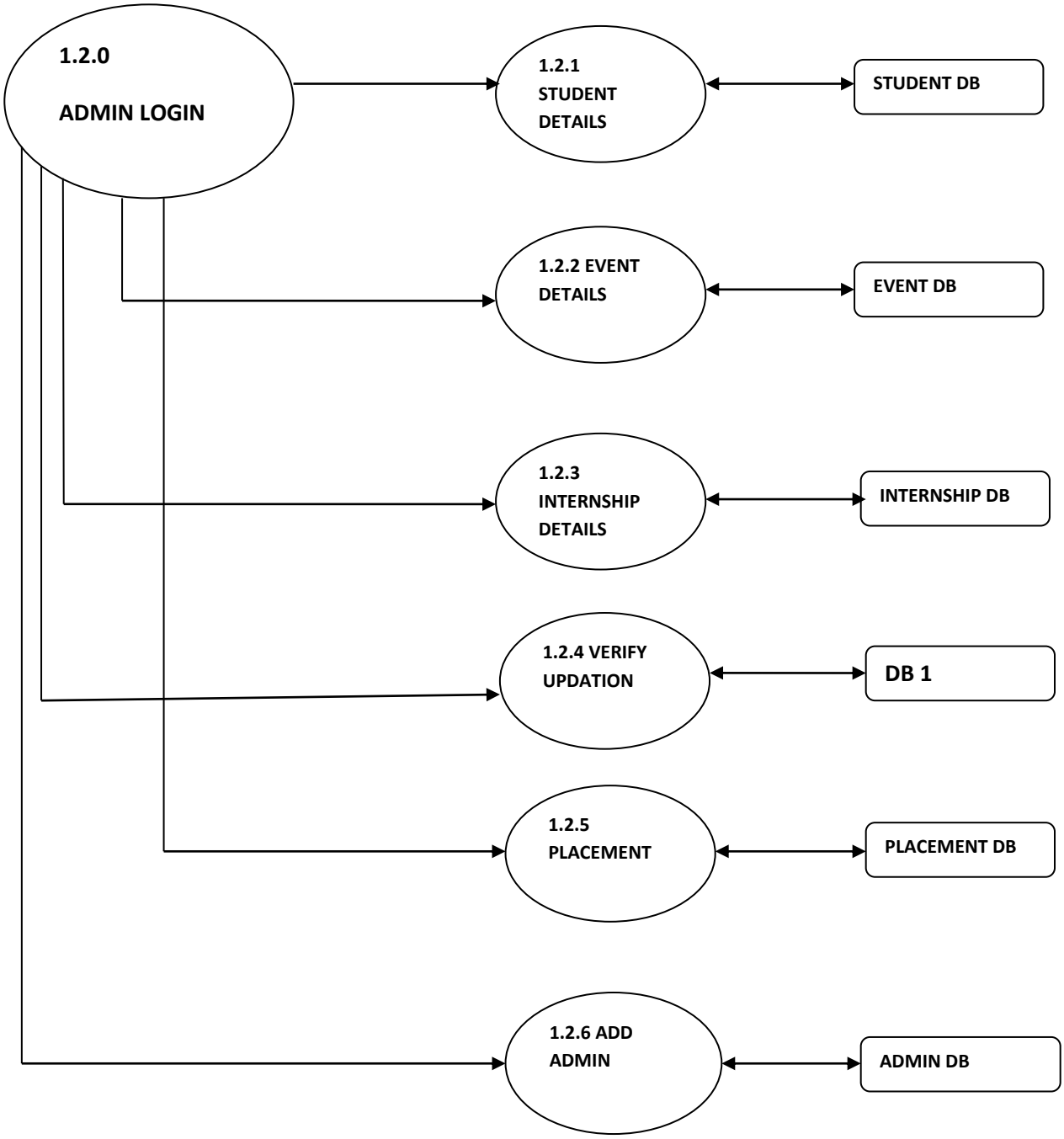
LEVEL 1 OF DFD FOR "HOME"



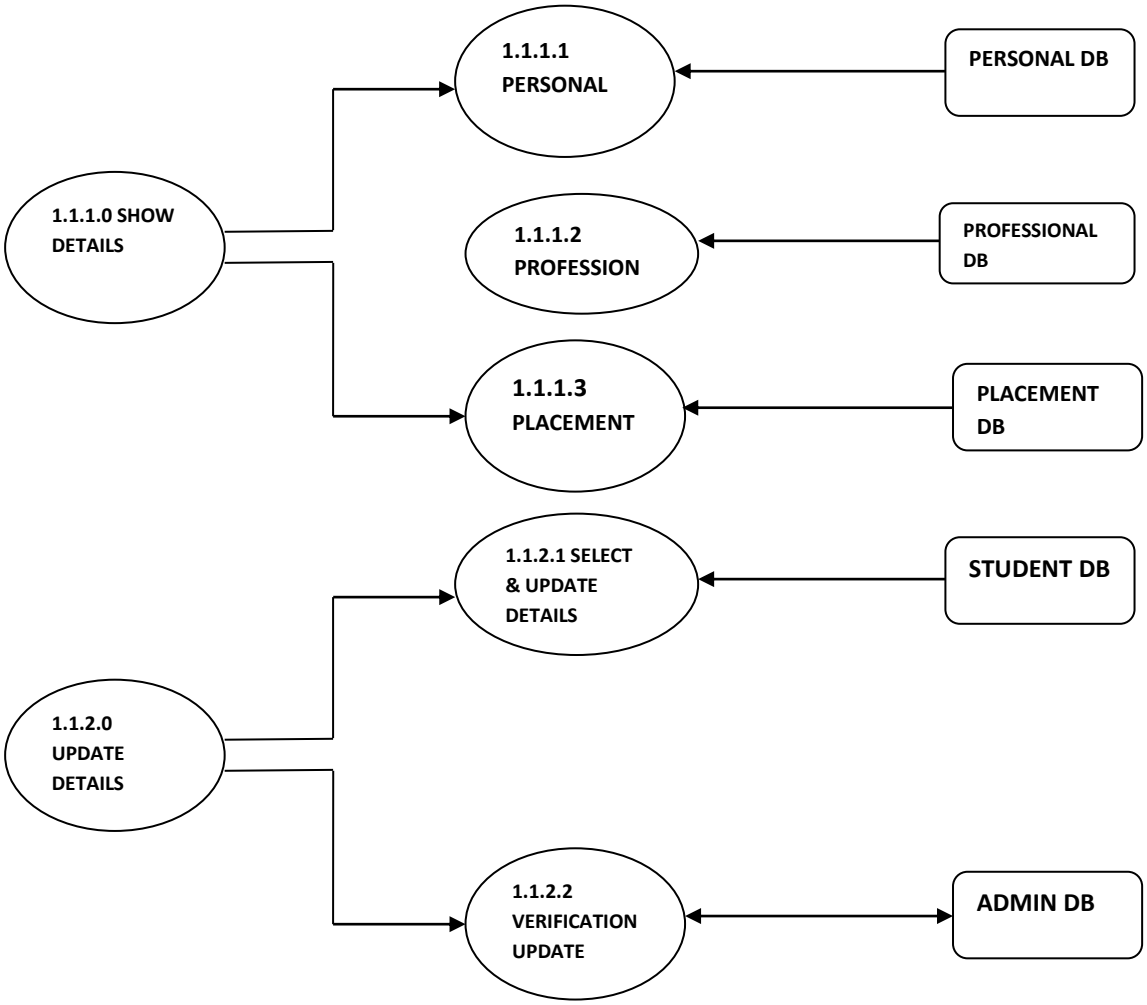
LEVEL 2 OF DFD FOR "LOGIN"



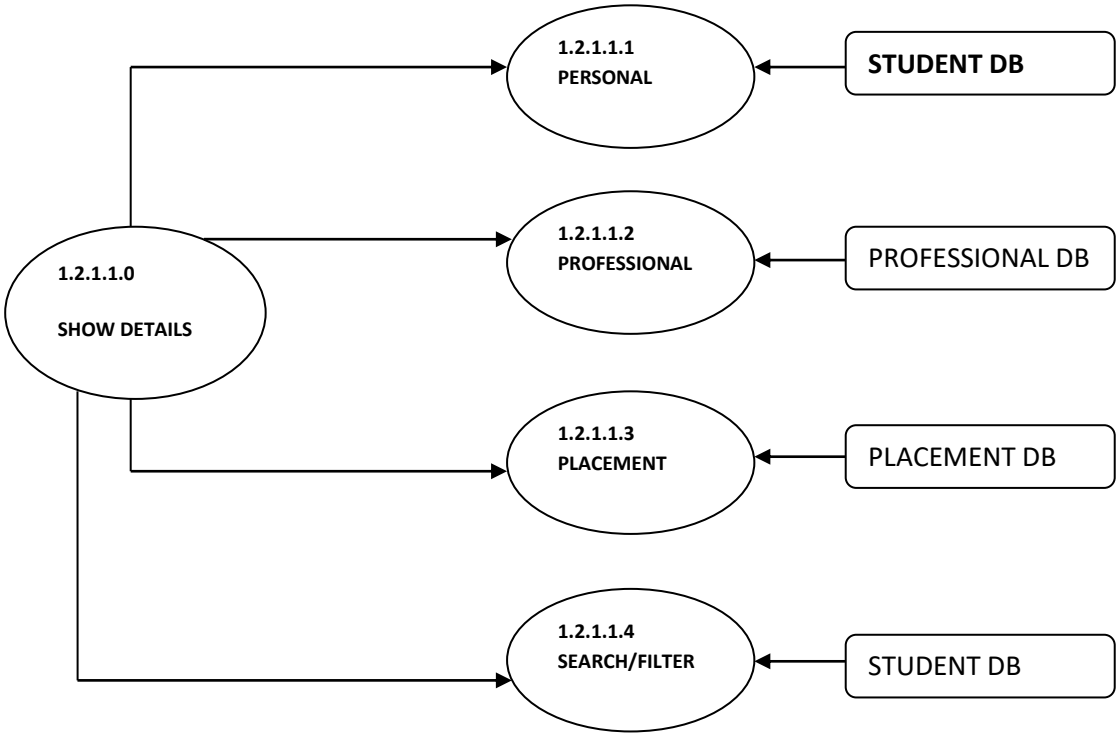
LEVEL 3

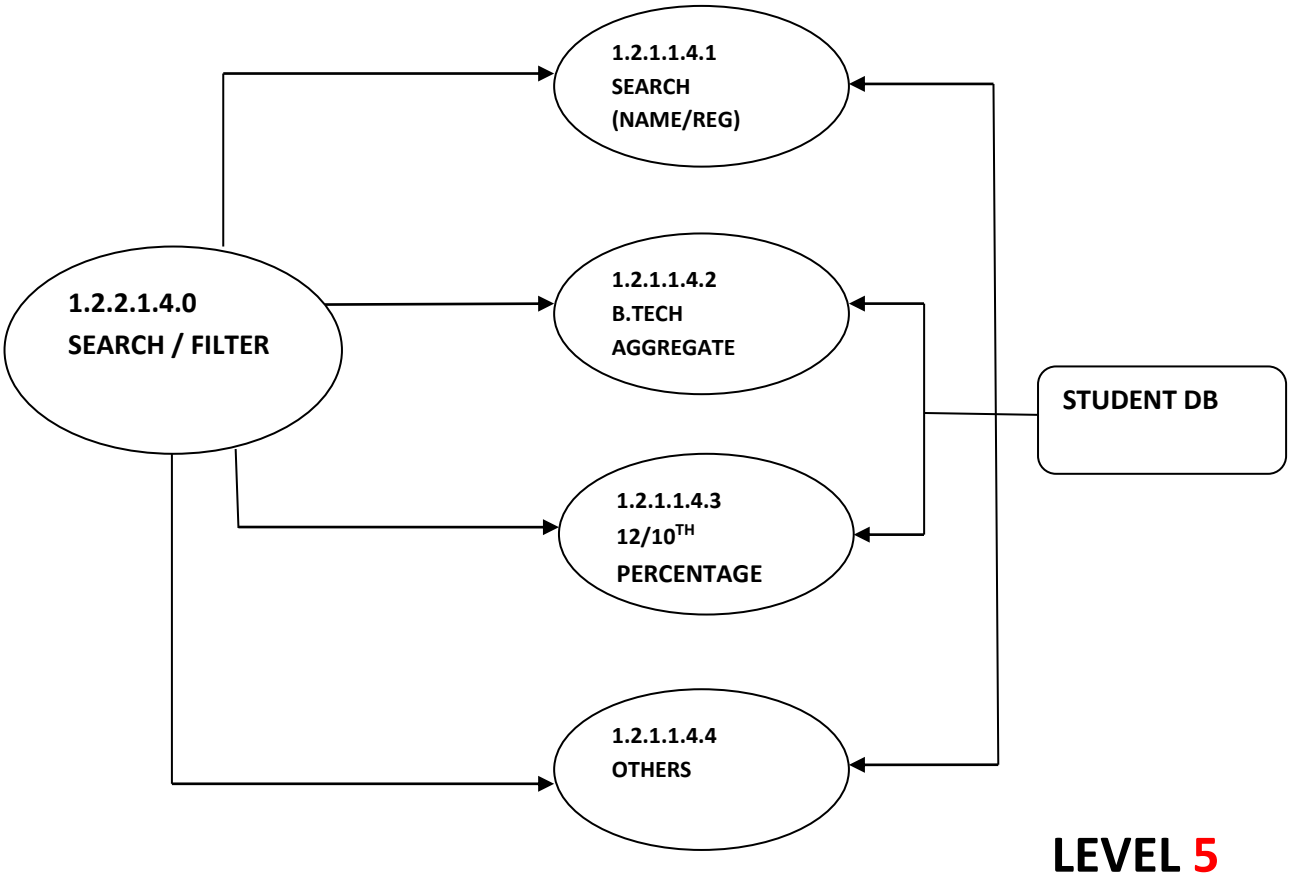

1.2.0
ADMIN LOGIN
1.2.1
STUDENT
DETAILS
STUDENT DB
1.2.2 EVENT
DETAILS
EVENT DB
1.2.3
INTERNSHIP
DETAILS
INTERNSHIP DB
1.2.4 VERIFY
UPDATION
DB 1
1.2.5
PLACEMENT
PLACEMENT DB
1.2.6 ADD
ADMIN
ADMIN DB

LEVEL 3


1.1.1.1
PERSONAL
PERSONAL DB
1.1.1.0 SHOW
DETAILS
1.1.1.2
PROFESSION
PROFESSIONAL
DB
1.1.1.3
PLACEMENT
PLACEMENT
DB
1.1.2.1 SELECT
& UPDATE
DETAILS
STUDENT DB
1.1.2.0
UPDATE
DETAILS
1.1.2.2
VERIFICATION
UPDATE
ADMIN DB

LEVEL 4


1.2.1.1.1
PERSONAL
STUDENT DB
1.2.1.1.2
PROFESSIONAL
PROFESSIONAL DB
1.2.1.1.0
SHOW DETAILS
1.2.1.1.3
PLACEMENT
PLACEMENT DB
1.2.1.1.4
SEARCH/FILTER
STUDENT DB


1.2.1.1.4.1
SEARCH
(NAME/REG)
1.2.2.1.4.0
SEARCH / FILTER
1.2.1.1.4.2
B.TECH
AGGREGATE
STUDENT DB
1.2.1.1.4.3
12/10TH
PERCENTAGE
1.2.1.1.4.4
OTHERS

LEVEL 5

PROJECT DIARY/LOGBOOK

Name	
Project Title	POS
Date	17-04-2017
Work achieved till date	→ Calender has been added. → Student home completed. → Admin home is almost complete.
Problems encountered	→ two times output in excel sheet → Post number ambiguity → ~~Banking~~ + Syncing problem in github. → Client requirements not properly defined.
Work planned for next date	→ Request Page for admin → Adding notification → Adding gmail API → Adding more content.
Project Plan Status (on, ahead, behind)	ON.
Coordinator Comments	DFD, ~~About us~~, Placement detail. Publisher sir was satisfied.
Developer Signature	Last date: Thursday (26/4/2017) Full complete project.
CoordinatorSignature	18/4/2017

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PROJECT DIARY/LOGBOOK

Name	
Project Title	PDS
Date	March 31, 2017
Work achieved till date	• Templete has been finalized. • Login is completed. • Database is done. • Search by name
Problems encountered	• Database connechivity. • Login with google+ was not working.
Work planned for next date	• Merging of moduks. (Modolg 3/4/2017) • Adding filters.
Project Plan Status (on, ahead, behind)	One time
Coordinator Comments	
Developer Signature	Mukul Bhanu
CoordinatorSignature	3/3/17