



ANJUMAN - I - ISLAM'S
A. R. KALSEKAR
POLYTECHNIC, NEW PANVEL

SYNOPSIS REPORT

TITLE OF PROJECT

Visitor Gate Pass System

Submitted by:

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Certificate of Project Confirmation

This is to certify that the Project title

VISITOR GATE PASS SYSTEM assigned to group CO5G-09 as a part of fulfillment of Diploma in Computer Engineering on 16th day of August 2016.

The project group CO5G-09 has the following members

- | | |
|--|----------------------|
| 1. SHAIKH SHADAB ALI (Project Leader) | Roll no. 2014COI001 |
| 2. ANSARI MOHD ADNAN | Roll no. 2014COI007 |
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The group has to complete the project within the academic schedule under the guidance of

Project Guide
CO Dept.
(Mr.Imran Shaikh)

H.O.D.
CO Dept.
(Mrs. Shaista Shaikh)

Project coordinator
CO Dept.
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INDEX

Chapter 1: Abstract.....	1
Chapter 2: Problem Definition.....	2
Chapter 3: Requirement (HW & SW) Analysis Phase	3
Chapter 4: Block Diagram (DFD level 0).....	4
Chapter 5: Working.....	5
Chapter 6: Advantages.....	6
Chapter 7: Project planning.....	7

CHAPTER 1

Abstract:

We are making a “Web-Based application” using PHP and MySQL. Our Project title is “Visitor Gate Pass System”, providing the functionality of entering the visitor records (DATA) into the database. Visitor Gate Pass System provides a way to effectively control, records and find the organization’s visitors. It helps waiting time of visitor in premise.

Our Flexible architecture will allow the user to directly access the data they need. Our project will consist of the XAMP s/w which is a cross platform server integrated with PHP for scripting language, MySQL for the database and the apache server. It will be a secure system and could come in handy in computer security domain for user authentication and authorization validation. The key module in our system will be the GSM server, providing the text functionality (messages) to the consulting staff or registered person user for which visitor has the purpose for visit.

The GUI provided in our system is so far the nice feature, providing the easiness to various user in using our system efficiently, fluently. By using our system, the employee working in the premises will also feel safe increasing the level of security in the organization.

CHAPTER 2

Problem Definition:

- As the time progresses, the demand of the user also increases of the organization. With lots of security feature into the system.
- Referring to the early times, a person has to use a pen and write all the details of the visitor entering into the premises resulting into lots of difficulty.
- The main drawback is, it was failing to provide the key security feature such as authentication whether the user is really coming with good intent and authorization whether the user entered is having the right access into the premises.
- So, to overcome all these our project “Visitor Gate Pass System” will be very useful. Providing the easy way to enter the visitor records information into the database. The necessary problem of implementing the authentication and authorization feature will also be accomplished.
- Our system could be used by any organization, as it is fully cross platform and efficient with GUI feature enabling user to use our system. Our system will also reduce the load of the I/C person or the user which is responsible for the new entry of the visitor.

CHAPTER 3

Requirement (HW & SW) Analysis Phase:

➤ S/W REQUIREMENTS:

1. Xamp Server / Wamp Server.
2. Browsers such as Chrome, Firefox, Internet explorer.
3. Text editor such as Notepad, Notepad++.

➤ H/W REQUIREMENTS:

1. 1 GB Ram (Recommended).
2. 1 GB Free Fixed disk.
3. Windows 2003, XP, Vista, Windows 7 (Recommended).
4. LAN connection is required.

CHAPTER 4

Block Diagram (DFD level 0)

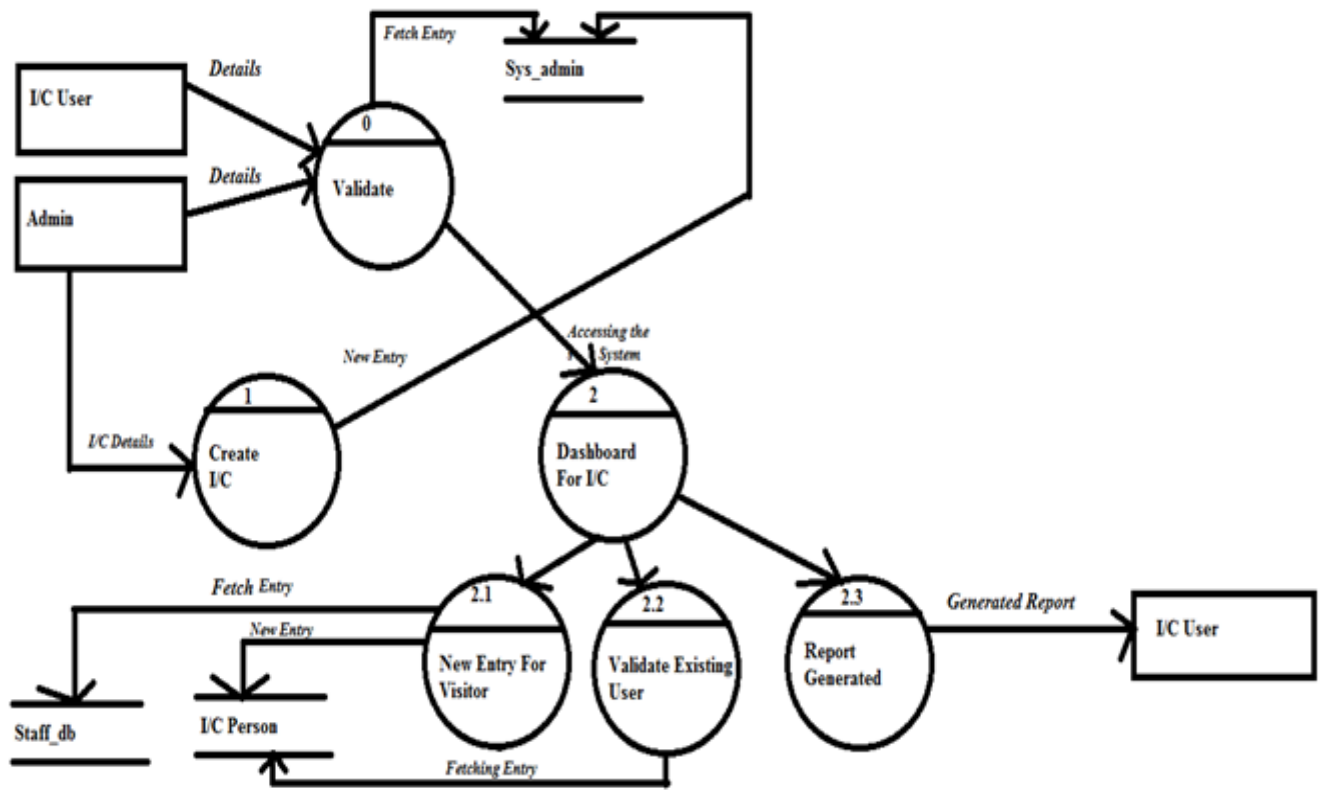


Fig: DFD showing the flow of the project

CHAPTER 5

Working:

Our project comprises of 4 tables one is for admin user for creating I/C user, second is I/C person (user) for visitor entry, third is staff_db for the registered user of an organization and to the visitor has visited for the purpose, and last the fourth is GSM database which will be keeping the record of sent SMS time and etc.

First module is the login page where if admin entered his credentials he will get to see the Create I/C user. Module designed mainly for him, whereas if I/C user created by admin logged into the system using the login.

Module he will get to see the new entry visitor registration page.

These both roles will be validated providing the authentication and authorization features in to our system.

Second module is the I/C registration of visitor dashboard where he will have 3 options of entering the new. visitor, existing visitor and view report.

The second module comprises of 3 sub-modules as stated above.

Validate existing user module will only fetch the entry from the database, the new entry module will insert.

The data into the database and view record is just the GUI showing all the necessary records from the database.

The MySql will be responsible for maintaining and managing the database, PHP will be used for client side scripting language and Apache will be used for the hosting of websites.

CHAPTER 6

Advantages:

1. Full authentication and authorization System.
2. Multi – user system.
3. Easy to use interface (GUI).
4. Reports could be generated from respective databases at any required time.
5. GSM server with text sending feature.

CHAPTER 7

Project Planning:

Project planning is the most necessary elements, in any project. It helps us to understand the innovative ideas, all the risk analysis the problem that could occur in to the project development, the design of the database and deciding different modules of the system. It also helps in dividing task when implementing and additionally helps to test for finding and debugging. We have followed Waterfall Model for developing our project.

Phase	No. of weeks
Information gathering	1 week
Planning	2 week
Designing	4 week
Implementation	5 week

In our case, first we discuss in a group and decided to do the following activities.

SHAIKH SHADAB : Coding and implementations of the project.

PAWASKAR MUDASSAR : Creating the designs of the system and various databases

KAZI OBAID : Making all the necessary documents

ANSARI ADNAN : Looking after the risk analysis phase

All the stuffs, so far gone according to the planned. Lastly, in the later period had decided to use the GSM server for sending the text to the respective person and if all the work is accomplished on time we will use the Arduino (H/W) for the detection of the user using BIOMETRICS feature. Providing the two – way level of security.