

A PROJECT REPORT ON
“A Feedback Management System”

Submitted in partial fulfillment of the requirements
of the degree of

B.TECH IN COMPUTER ENGINEERING

BY

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Academic Year 2016-2017

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CERTIFICATE

This is to certify that **Shivsamb Chonde, Sagar Mayekar, Ajaykumar Chavan** has successfully submitted his project report on “Feedback Management System ” at in the partial fulfillment of the Graduate Degree course in **B.Tech In Computer Engineering** at the Department of Computer Engineering, in the academic Year 2016-2017 (Semester-VI) as prescribed by the DBATU.

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Acknowledgement

Apart from the efforts of us, the success of any project depends largely on the encouragement and guidelines of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project.

It is my immense pleasure to express my gratitude to Ms. Pranita Jadhav as guide who provided me constructive and positive feedback during the preparation of this seminar. I express my sincere thanks to the head of department Dr. A W KIWELEKAR (Computer Engineering) and all other staff members of Computer Department for their kind co-operation.

The guidance and support received from all the members who contributed and who are contributing to this project, was vital for the success of the project. We are grateful for their constant support and help.

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Abstract

We developed software called feedback management system for computer engineering department. Through this software student able to fill feedback form on computer by log in into the system and administrator can easily manage such kind of data and display rating of each faculty according to the points given by student . This project is developed for managing the student feedback form data automatically.

Our project provide fully automated computerized system for managing the feedback data.

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Chapter 1

INTRODUCTION

In department of computer engineering feedback form is filled by student which totally paper work. Because of paper work it is difficult to manage whole data. Thus we decide to develop a system. This project consist of java language based netbeans IDE, Oracle as a database and windows OS.

We use java language based netbeans IDE for front end development and oracle(10g XE) for back end. With the help of all these tools we developed feedback management system.

There are two panels in our software namely student and admin. Student register in system by providing roll no and password. After registration student will be able to fill feedback form.

Admin can perform three functions. he will display faculty rating. Admin can update his password also using software. New admin registration is also available in our software.

Chapter 2

EARLIER WORK & LITERATURE WORK

2.1 Earlier Work

Previously the work was manual and there is no automatic system to handle it. Hence it is very time consuming and more efforts were taken place.

2.2 Literature Work

To make system automatic we refer different sites and books.

We used **www.tutorialspoint.com** to learn java coding.

We used **www.oracle.com** to learn about database queries and how to fire database queries.

We also take reference from the book **Java: The complete reference** by **herbert schildt** to learn concepts of java.

Chapter 3

PROBLEM DEFINITION

3.1 Current System

Now a days all students fill the feedback forms manually to the department.

Then department management accept the feedback form filled by student. Then analysis of that forms are done by department. This analysis will be more time consuming.

From the above description existing system is completely manual system. There is no essence of automation using computer program.

3.2 Proposed System

Proposed system is automated and advance than existing system because it maintain, store and analyze data.

By using this system administrator can easily store information and also he/she can manage and analyze data.

Chapter 4

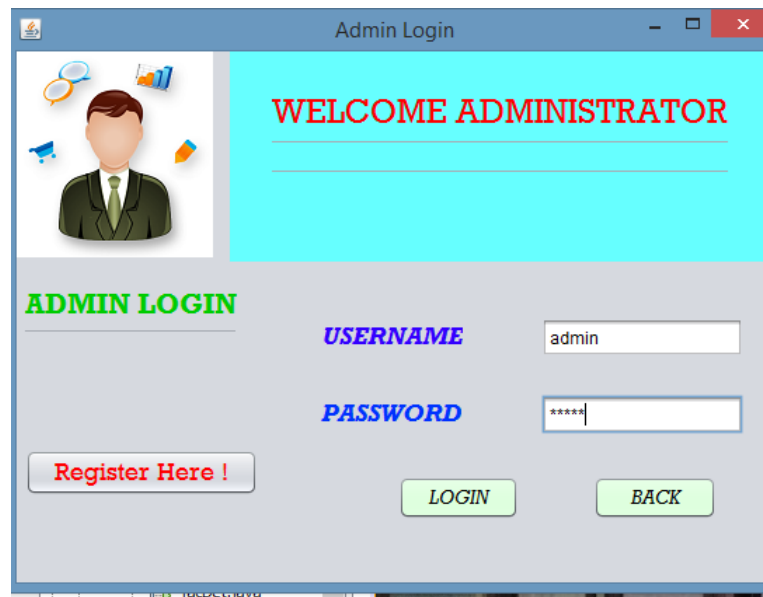
ACTUAL PROJECT WORK



Figure 4.1: Home Page

This is home window of our project. It consist of two panels

- 1.Student panel-Through this panel student can perform his operations like registration and filling the feedback form.
- 2.Admin panel-Through this panel admin can perform his operations like registration, Faculty registration and display faculty rating



The image shows a Java Swing window titled "Admin Login". It has a light blue header bar with the title. Below the header, on the left, is a placeholder icon for a user profile. To the right of the icon, the text "WELCOME ADMINISTRATOR" is displayed in red, bold, uppercase letters. Below this, the text "ADMIN LOGIN" is shown in green, bold, uppercase letters. The main area contains two labels, "USERNAME" and "PASSWORD", in blue, bold, uppercase letters. The "USERNAME" label is followed by a text field containing the text "admin". The "PASSWORD" label is followed by a text field containing four asterisks "****". At the bottom left, there is a button labeled "Register Here !" in red text. At the bottom right, there are two buttons: "LOGIN" and "BACK", both in green text.

Figure 4.2: Admin Login

Through this window admin is authenticate and logged into the system.



The image shows a Java Swing window titled "New Admin Registration". It has a light blue header bar with the title. Below the header, the text "Create New Admin" is displayed in red, bold, uppercase letters. On the left side, there is a placeholder icon for a user profile. To the right of the icon, there are three labels: "Name", "Username", and "Password", all in blue, bold, uppercase letters. The "Name" label is followed by a text field containing the text "Sagar Mayekar". The "Username" label is followed by a text field containing the text "sagar". The "Password" label is followed by a text field containing four asterisks "****". At the bottom, there are two buttons: "Create" and "Back !", both in green text.

Figure 4.3: Admin Registration

Through this window we can create new administrator for our system.



Figure 4.4: Admin Services

Administrative services are:


- 1.Faculty Registration-Admin can register faculty through this window.
- 2.Faculty Rating-Admin can view the rating of particular faculty through this window.
- 3.Update Password- Admin can change his password from this window.



The image shows a software window titled "Faculty Registration". Inside the window, the text "NEW FACULTY REGISTRATION" is displayed in red. Below this, "ENTER FACULTY DETAILS..." is written in pink. On the left side, there is a placeholder image of a person in a purple shirt. To the right of the image, there are three input fields: "FACULTY NAME" with the text "Akarte Sir", "SUBJECT" with the text "MPMC", and "SEMESTER" with a dropdown menu showing "IV". At the bottom of the form, there are two buttons: "SAVE" and "BACK!".

Figure 4.5: Faculty Registration

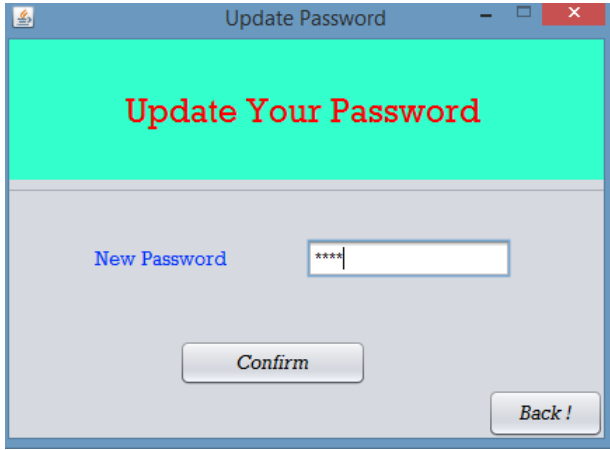
From this window Admin can register the new faculty for the respective subject and semester.



The image shows a software window titled "Faculty Rating". The window has a blue header bar with the text "FACULTY RATING DETAILS" in red. Below the header, there are three dropdown menus: "SEMESTER" with the value "V", "FACULTY NAME :" with the value "Wankhede", and "SUBJET ALLOCATED:" with the value "OS". To the right of the "FACULTY NAME" dropdown is a green "Show" button. To the right of the "SUBJET ALLOCATED:" dropdown is a blue "Display Rating" button. Below these inputs, the text "RATING OF THE GIVEN SUBJECT IS =" is followed by a large red number "4". In the bottom right corner, there is a grey "Back" button.

Figure 4.6: Faculty Rating

From this window admin can see What is the rating of that faculty.



The image shows a software window titled "Update Password". The window has a green header bar with the text "Update Your Password" in red. Below the header, there is a label "New Password" next to a text input field containing four asterisks "****". Below the input field is a grey "Confirm" button. In the bottom right corner, there is a grey "Back !" button.

Figure 4.7: Admin Passupdate

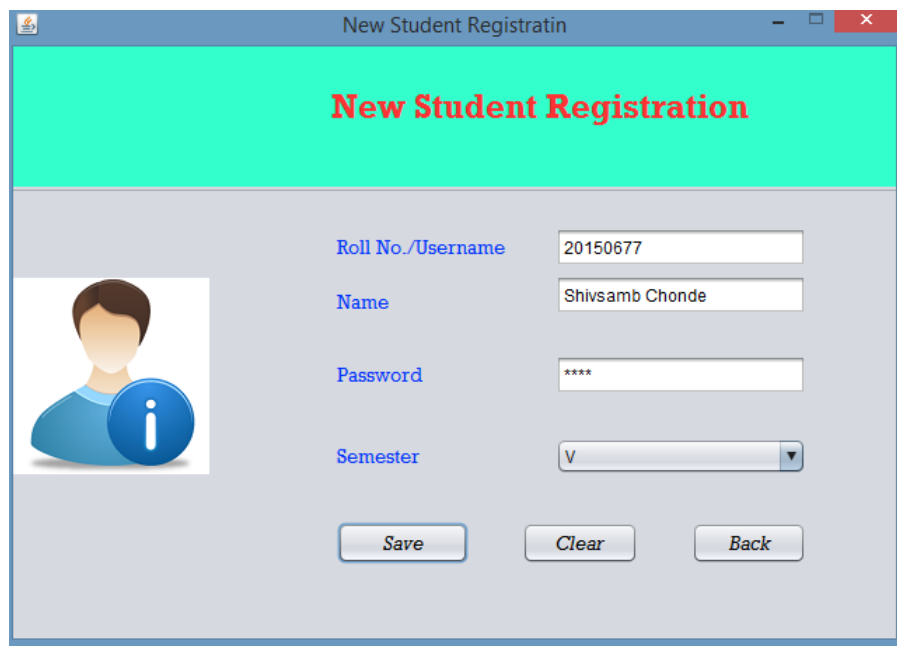
From this window admin can change his password.

A screenshot of a 'Student Login' window. The window has a blue title bar with the text 'Student Login' and standard window controls. On the left, there is a placeholder for a student profile picture showing a person's head and shoulders next to a blue circular icon with a white 'i'. To the right of this, the text 'WELCOME STUDENT' is displayed in red. Below the welcome message, there are two input fields: 'ROLL NO' with the value '20150676' and 'PASSWORD' with masked characters '*****'. A 'Register Now!' button is located to the left of the password field. At the bottom, there are two green buttons labeled 'LOGIN' and 'BACK'.

Figure 4.8: Student Login

From this window student can logged into the system and fill the feedback for the every faculty.

Register Now- It redirect to the new student registration.



The image shows a software window titled "New Student Registratin" (note the typo). The window has a cyan header bar with the text "New Student Registration" in bold red font. Below the header, on the left, is a placeholder icon for a student profile (a person's head and shoulders next to a blue circle with a white 'i'). To the right of the icon are four input fields with labels in blue text: "Roll No./Username" with the value "20150677", "Name" with the value "Shivsamb Chonde", "Password" with the value "****", and "Semester" with a dropdown menu showing "V". At the bottom of the form are three buttons: "Save", "Clear", and "Back".

Figure 4.9: Student Registration

From this window we can register new student with user name and password also.

fill feedback form

FILL FEEDBACK FORM

1=FAIR 2=POOR 3=GOOD 4=V.GOOD 5=EXCELLENT

ROLL NO: 20150676

SEMESTER: V

FACULTY NAME: Wankhede

SUBJECT ALLOTTED: OS

View

Teachers Knowledge for teaching the course: 4

Teacher preparation for the classes: 4

Teacher enthusiasm and interest in presentation for subject: 3

Class learning environment and attitude over student: 5

Course Syllabus: 4

Usefulness of Book: 4

Average Rating: 4

CALCULATE SAVE LOGOUT

Figure 4.10: Feedback Form

After student logged into the system then This window will be open for the filling the feedback form.

Chapter 5

MAPPING REQUIREMENTS MODEL TO ARCHITECTURE MODEL

5.1 Data Flow Diagram

5.1.1 Level-0 DFD

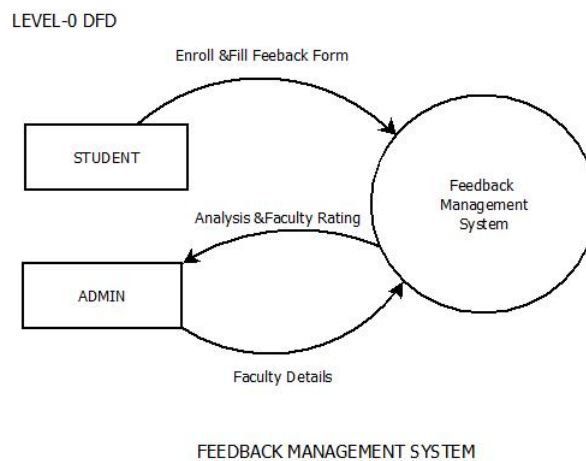


Figure 5.1: Level-0 DFD

5.1.2 Level-1 DFD

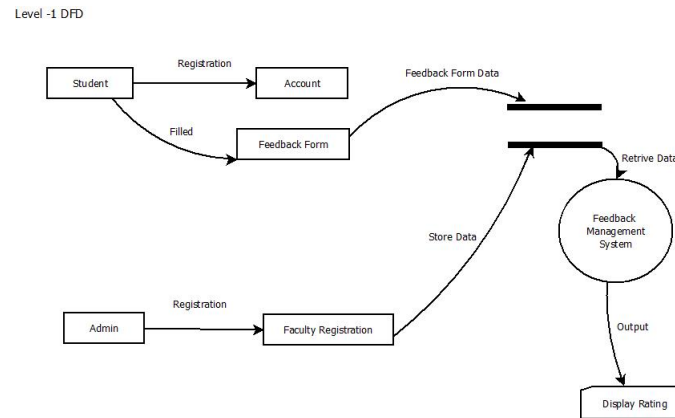


Figure 5.2: Level-1 DFD

5.1.3 Level-2 DFD

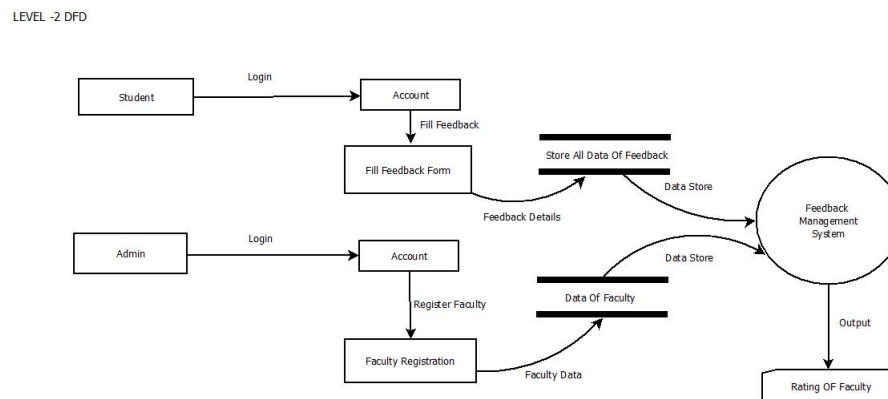


Figure 5.3: Level-2 DFD

5.2 Sequence Diagram

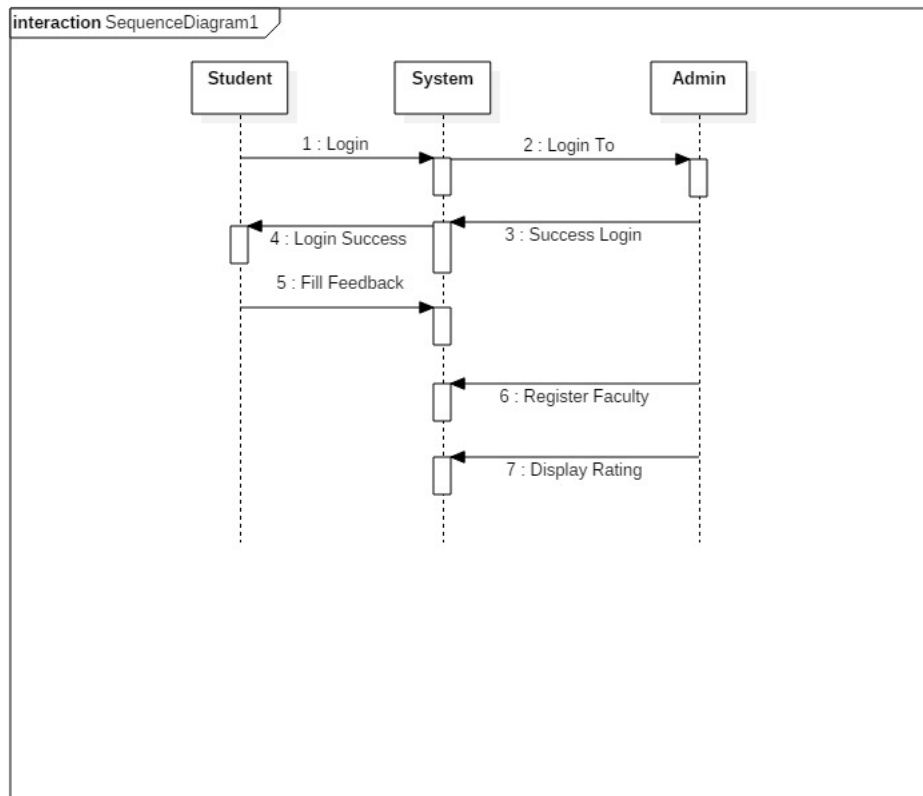


Figure 5.4: Sequence diagram

5.3 Usecase Diagram

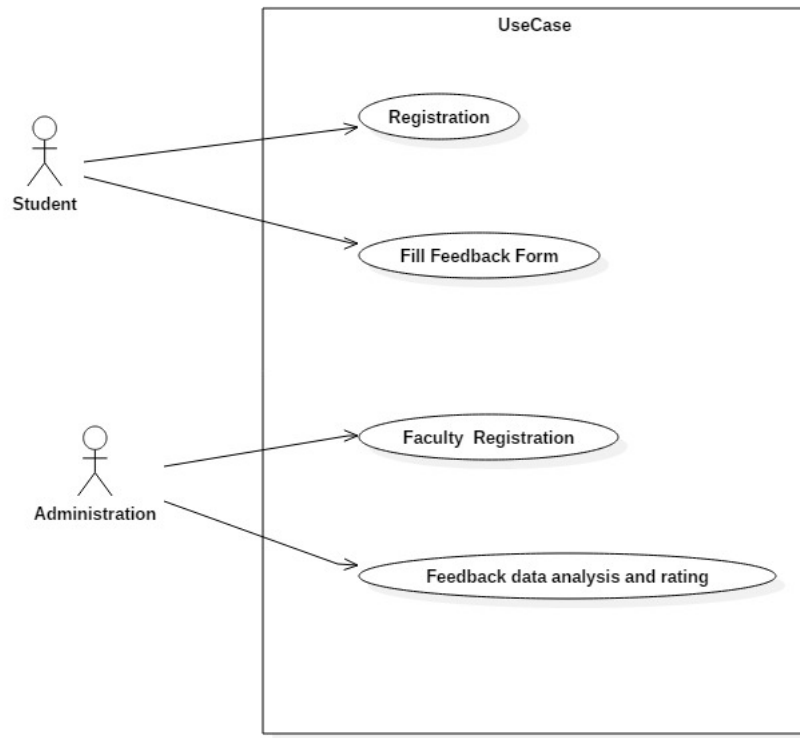


Figure 5.5: Usecase diagram

5.4 Activity Diagram

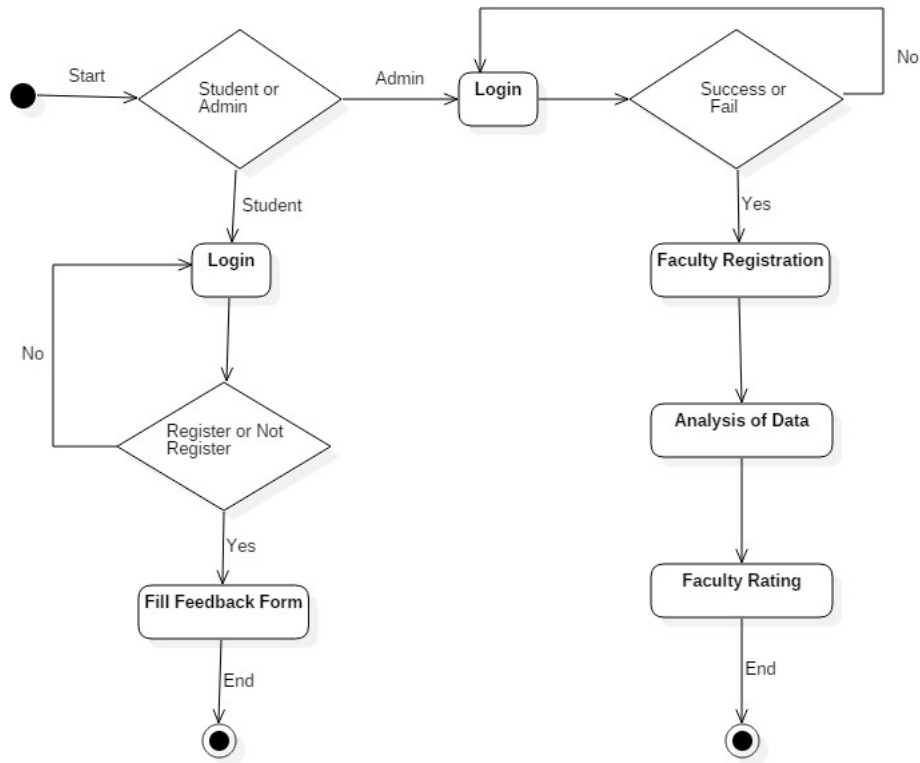


Figure 5.6: Activity diagram

5.5 Swim Lane Diagram

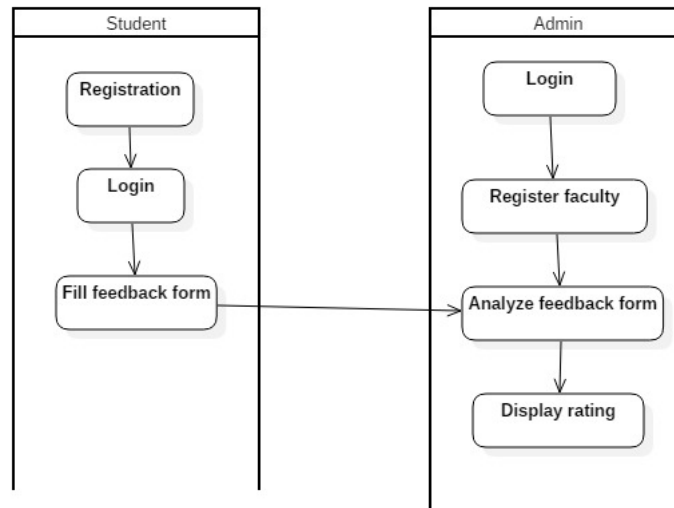


Figure 5.7: Swim Lane diagram

Chapter 6

SYSTEM REQUIREMENT SPECIFICATION

6.1 Technical Requirement

- 1.Netbeans IDE(8.0 and above)
- 2.Oracle DB(10g XE)
- 3.Windows based OS

6.2 User Requirement

- 1.Fully automated
- 2.Better GUI
- 3.Less time consuming
- 4.Well analyzed

Chapter 7

ADVANTAGES & APPLICATIONS

7.1 Advantages

1. Provide automation for existing system.
2. Automated process for filling feedback form.
3. Easy access to the data.

7.2 Application

1. Use in department of computer engineering

Chapter 8

FUTURE ENHANCEMENT

- 1.We can display faculty and subject according to semester.
- 2.We can develop system for other departments of college also.
- 3.There should be separate registration for permanent and adhoc faculty.

Chapter 9

CONCLUSION

Today the technology is beyond what we could imagine before. Also now-a-days, the new developments are not just the result of the necessity, rather invention and innovation are the new drivers in the development of technology. So constant updation is the key method to stay and survive in the emerging market of science and technology. The new software that we developed ie. Feedback management system that has been proposed practically implemented for use in computer engineering department management field. Our imaginations have dressed into reality and with the new concept. Proposed system is automated and advance than existing system because it maintain, store and analyze data very efficiently.

Chapter 10

BIBLIOGRAPHY

10.1 Websites

1. <https://www.tutorialspoint.com/java>
2. <https://www.javatpoint.com/java-tutorial>
3. <https://dcs.oracle.com/javas>
4. <https://www.w3schools.com>

10.2 Books

1. Java programming by Sarita Gaikwad, Tech-Max publication.
2. Java: The Complete Reference by Herbert Schildt, The McGraw-Hill Companies.