



Teacher's Feedback System

Team:

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B Neha Reddy - 18XJ1A0509

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PROBLEM STATEMENT

- Creating a user-friendly platform for students, teachers and the administrator to provide, receive and manage the feedback of the faculty respectively.

FEATURES

- Includes interfaces for student, teacher and admin login, with added feature of “Forgot password” button, which uses security questions to recover the old password
- Students get a view of all their courses with their teachers’ details in a single frame.
- Further information about the faculty is provided along with the feedback questions which are stored in text files as and when student submits them.
- Our goal was to create this GUI without using any IDE’s and with solely the knowledge we learnt on our own, so each and every frame is coded by us, from scratch.



Role of Team Member: Smriti

- Creating the Course frames for each branch.
- Getting data (feedback) from user and writing it on the respective text file in a certain format.
- Creating Student frame with different buttons for viewing all the feedbacks from different students. (Appending to the same frame was considered but we couldn't implement it successfully)
- Created a frame for admin to check feedbacks of all the teachers.
- Linking the various frames together.



Role of Team Member: Neha

- Creating the Index page with students, Teachers and Admin Logins
- Teachers Function frames in which they have options to check the FeedBack given by the students and the Attendance of the students
- Scanned the given feedback files and displayed in non editable text files with questions when viewing the feedback
- Linking of few frames



Role of Team Member: Shreya

- Creating the Forgot Password page with security questions for Students, Teachers and Admin.
- Creating the Admin Function frame in which they have options to check the FeedBack given by the students , the Attendance of the students, Remove a Teacher and Add a Teacher
- Implementing Check Attendance , Remove a Teacher and Add a Teacher function for Admin.
- Creating the Questions Page for Teachers
- Linking of a few frames.



Limitations of Work

- Having no prior knowledge of implementing databases for our data collection was a definite limitation.
- Access and insertion of data from files is cumbersome.
- We implemented our entire framework at a small scale, but the same concepts can be extended to more students, more faculty and more branches.
- We did not use any IDE's since we wanted to build our Feedback model from scratch, so not having in-built functions was a kind of limitation.

Extension of Work

- We plan on extending our project further once we learn more about database management with SQL or other ways.
- Making this project open-sourced on GitHub so that we receive external advice on how to better our project is also something we are considering.
- If all goes smoothly, we would like to extend our Feedback System for the MEC faculty and students as well.



Conclusion

- In conclusion this project has taught us how to implement a GUI with various components: Frames, Buttons, TextFields, Choices, ImageIcons, etc.
- We have learnt the ways to format these components in a way that looks professional and neat.
- We have learnt about various ActionListener methods and how they can be incorporated into the above mentioned components for their respective purposes.
- The linking of multiple frames together played an essential role in our GUI, which helped us understand which frame was dependent on which.
- Providing functionality to each button or field we incorporated into the final project to the best of our abilities.
- Overall we learnt how to combine all of the above mentioned points to create a complete Teachers' Feedback Graphics User Interface.



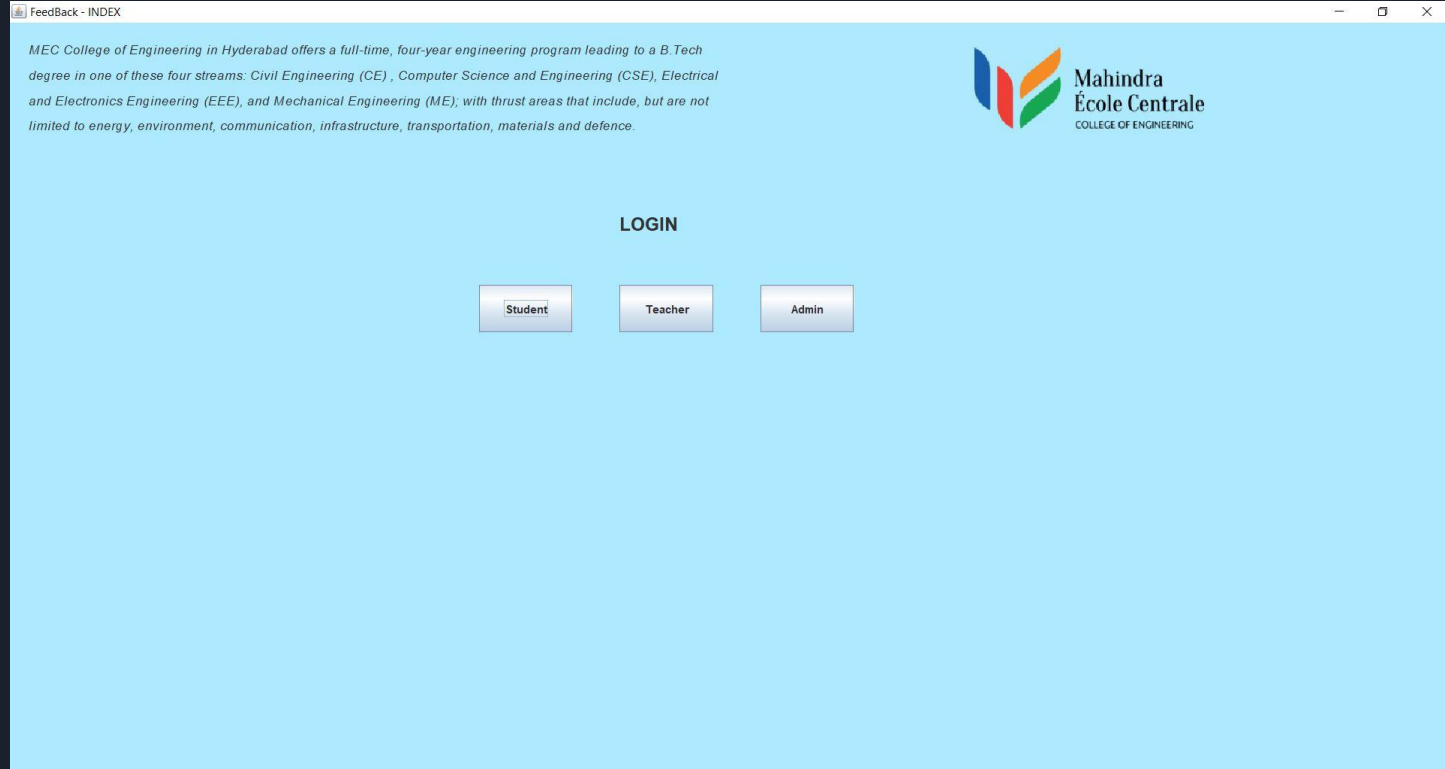
Modifications after evaluation

We added background colours to all the frames to make them more attractive.

Further suggestions

Appending of all feedbacks in a single frame for each teacher for ease of checking feedbacks.

Screenshots of the Executed Project



MEC College of Engineering in Hyderabad offers a full-time, four-year engineering program leading to a B.Tech degree in one of these four streams: Civil Engineering (CE) , Computer Science and Engineering (CSE), Electrical and Electronics Engineering (EEE), and Mechanical Engineering (ME); with thrust areas that include, but are not limited to energy, environment, communication, infrastructure, transportation, materials and defence.



LOGIN

Student

Teacher

Admin

Username

Password

[Forgot Password](#)

Branch

--Select--



Login

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LOGIN

Student

Teacher

Admin

Username

18XJ1A0501

Password

[Forgot Password](#)

Branch

Computer Science and Engineering (CSE)

Login



A

18XJ1A0501

CSE

Select Faculty to give Feedback



Course : Object Oriented Programming

☒ Dr.Prafulla

Course : Theory of Computation

☐ Dr.Neha

Course : Digital Logic Design & Computer Architecture

☐ Dr.Ramamurthy

☐ Dr.Achal

Course : Numerical Methods

☐ Dr.Satyanarayana Chirala

☐ Dr.Sanjukta Das

☐ Dr.Rakhee

Course : Design & Analysis of Algorithms

☐ Dr.Pandurangan

☐ Dr.Sunny Rai

☐ Dr.Ravi Kishore

Back

Proceed



Dr Prafulla Kalapatapu
Computer Science and Engineering
Course : Object Oriented Programming

Please answer the following questions:



Mahindra
École Centrale
COLLEGE OF ENGINEERING

- 1) Overall quality of the course?
a) Poor b) Good c) Very Good d) Excellent

Your Answer

- 2) Overall quality of the instructor?
a) Poor b) Good c) Very Good d) Excellent

Your Answer

- 3) Instructor's ability to communicate the subject?
a) Poor b) Good c) Very Good d) Excellent

Your Answer

- 4) Instructor's ability to stimulate student interest?
a) Poor b) Good c) Very Good d) Excellent

Your Answer

- 5) Instructor's accessibility and willingness to discuss problems?
a) Poor b) Good c) Very Good d) Excellent

Your Answer

- 6) Please rate the difficulty of the course
1 = easy to 5 = difficult

Your Answer

- 7) Please rate the amount of work required for this course
1 = very little to 5 = very much

Your Answer

- 8) Any suggestions or comments related to the course?

Your Answer

Back

Submit



Dr Prafulla Kalapatapu
Computer Science and Engineering
Course : Object Oriented Programming

Please answer the following questions:



Mahindra
École Centrale
COLLEGE OF ENGINEERING

1) Overall quality of the course?

a) Poor b) Good c) Very Good d) Excellent

Excellent

2) Overall quality of the instructor?

a) Poor b) Good c) Very Good d) Excellent

Very Good

3) Instructor's ability to communicate the subject?

a) Poor b) Good c) Very Good d) Excellent

Excellent

4) Instructor's ability to stimulate student interest?

a) Poor b) Good c) Very Good d) Excellent

Very Good

5) Instructor's accessibility and willingness to discuss problems?

a) Poor b) Good c) Very Good d) Excellent

Good

6) Please rate the difficulty of the course

1 = easy to 5 = difficult

3

7) Please rate the amount of work required for this course

1 = very little to 5 = very much

4

8) Any suggestions or comments related to the course?

None

Back

Submit



Dr Prafulla Kalapatapu
Computer Science and Engineering
Course : Object Oriented Programming

Please answer the following questions:

- 1) Overall quality of the course?
a) Poor b) Good c) Very Good d) Excellent

- 2) Overall quality of the instructor?
a) Poor b) Good c) Very Good d) Excellent

- 3) Instructor's ability to communicate the subject?
a) Poor b) Good c) Very Good d) Excellent

- 4) Instructor's ability to stimulate?
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1 = very little to 5 = very much

- 8) Any suggestions or comments related to the course?

[Back](#)

Mahindra
École Centrale
COLLEGE OF ENGINEERING

Message



Feedback Submitted Successfully!

OK

[Submit](#)



Teacher 1
Faculty
Mahindra Ecole Centrale

TEACHER FUNCTIONS :

Check Feedback

Check Attendance

Faculty Functions

Choose student number

Student 1

Student 2

TEACHER FUNCTIONS :

Check Feedback

Check Attendance



—

×

1) Overall quality of the course?

2) Overall quality of the instructor:

3) Instructor's ability to communicate the subject:

4) Instructor's ability to stimulate student interest:

5) Instructor's accessibility and willingness to discuss problems:

6) Please rate the difficulty of the course(1 = easy to 5 = difficult):

7) Please rate the amount of work required for this course(1 = very little to 5 = very much):

8) Any suggestions or comments related to the course:

Check

1) Overall quality of the course?	Excellent	2) Overall quality of the instructor:	Very Good	3) Instructor's ability to communicate the subject:	Excellent
4) Instructor's ability to stimulate student interest:	Very Good	5) Instructor's accessibility and willingness to discuss problems:	Good	6) Please rate the difficulty of the course(1 = easy to 5 = difficult):	
3	7) Please rate the amount of work required for this course(1 = very little to 5 = very much):	4	8) Any suggestions or comments related to the course:		None

Check

Roll Number


Branch

Check

TEACHER FUNCTIONS :

Check Feedback

Check Attendance



Check Attendance

Roll Number

18XJ1A0501

Branch

CSE

Check

Student Name : A

Roll Number : 18XJ1A0501 (CSE)

Attendance : 90%



Admin 1
Administration
Mahindra Ecole Centrale



ADMIN FUNCTIONS :


Add Teacher

Remove Teacher

Check Feedback

Back

Check Attendance



A screenshot of a software application window with a light purple background. The window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The form contains three input fields: a text box for 'Name' containing 'Dr. ABC', a dropdown menu for 'Department' showing 'EEE', and a text box for 'Course' containing 'Electronics'. Below these fields are two buttons: 'Add' and 'Done'.

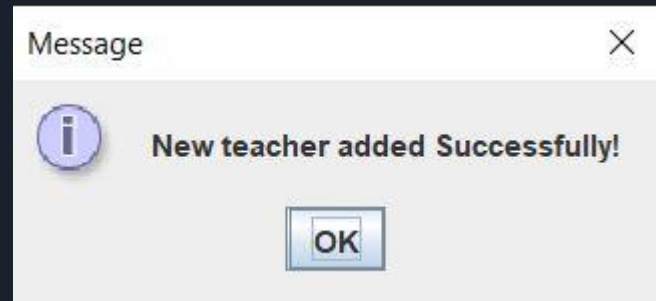
Name
Dr. ABC


Department
EEE

Course
Electronics

Add

Done





B

18XJ1A0201

EEE

Select Faculty to give Feedback

Course : Digital Electronics

☒ Dr.Bhargava

Course : Linear Electronics

☐ Dr.K R Shama

Course : Digital Signal Processing

☐ Dr.Subba Rao

Course : Numerical Methods

☐ Dr.Satyanarayana Chirala

☐ Dr.Rakhee


Course : EM Waves

☐ Dr.Bhooshan

Course : Electronics


☐ Dr. ABC

☐ Dr.Sanjukta Das



Back

Proceed

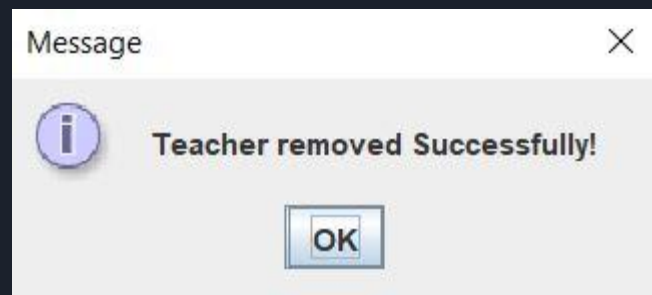


Computer Science

Dr Achal

Remove


Back





Mahindra
École Centrale
COLLEGE OF ENGINEERING

Proceed



Computer Science

Computer Science

Dr Prafulla

Check

Back

Forgot Password

Choose your Designation :

☒ Student ☐ Teacher ☐ Admin

Branch?

What is your favorite book?

What is your favorite color?

me, four-year engineering program leading to a B.Tech
(E), Computer Science and Engineering (CSE), Electrical
Engineering (ME); with thrust areas that include, but are not
structure, transportation, materials and defence.



LOGIN

Username

Password

Branch

Forgot Password

Choose your Designation :

☒ Student ☐ Teacher ☐ Admin

Branch?

What is your favorite book?

What is your favorite color?

Password :

me, four-year engineering program leading to a B.Tech
(E) , Computer Science and Engineering (CSE), Electrical
Engineering (ME); with thrust areas that include, but are not
structure, transportation, materials and defence.



LOGIN

Student

Teacher

Admin

Username

Password

Branch

--Select--





THANK YOU!