Student Feedback System

Motivation: In the traditional system, the institute provides the feedback forms developed by institute itself. These feedback forms were distributed among the students and the students are supposed to mark their feedback manually about the academics including lecture, practical, assignments, punctuality, knowledge of problem solving capacity and many more. The submitted feedback forms are then collected by the faculty or staff and the overall grade for each point mentioned in the form, course and each teacher is calculated manually. After receiving the feedback, Head of the department shall discuss it with the concern faculty and inform them regarding the necessary corrective actions to improve the academic standards. The major concern about this method is that this system is more time consuming, consumes more papers to keep the records and also this process is not safe. For my project, Student Feedback System for university students have been developed which aims to analyze the university course's feedback performance. This type of Student Feedback System reduces the strenuous work of physically examining the feedback pages of each and every student. The system also reduces the burden of efforts and burden of keeping and maintaining the records on a manual base, it also maintains safety to keep up such records.

Features of the project:

- Admin can login.
- Admin can add student, teacher and staff with a common password.
- Admin can delete or edit user's information.
- Admin can add or delete faculty.
- Admin can add or delete courses of the faculty.
- Admin can delete faculty.
- Admin can see student's feedback. But admin can't see which student give what types of feedback.
- Admin can check average feedback of every courses.
- Admin can update password.
- Admin can add feedback question.
- Admin can delete feedback question.
- Admin can edit feedback question.
- Staff can see who didn't give feedback.
- Student can Login with common password given by admin. Then student can't see any information of the site until he update the password. Student can update password by giving student's email. Through this email student receive a link for changing the password. When changing password student can't set the common password. If student set common password he can't see anything in the site.
- Student can view all of his information which is set by admin.
- Student can update password.
- Student can see all of his courses with feedback status. Feedback status means whether he has given the feedback of the course or not or times over to give feedback.
- Student can give feedback for every questions of every courses within due date.

- Student can Logout.

- Teacher can Login with common password given by admin. Then teacher can't see any information of the site until he update the password. Teacher can update password by giving student's email. Through this email teacher receive a link for changing the password. When changing password teacher can't set the common password. If teacher set common password he can't see anything in the site.
- Teacher can see all of his information which is set by admin.
- Teacher can update password.
- Teacher can view average feedback of his courses given by student.
- Teacher can Logout.

- Chairman can see average rating on any course question wise.
- When new feedback is set. Student can receive notification through email.
- Student who didn't give feedback send notification through email.

Completed Features:

- Admin can login.
- Admin can add student and teacher with a common password.
- Admin can delete or edit user's information.
- Admin can add or delete faculty.
- Admin can add or delete courses of the faculty.
- Admin can delete faculty.
- Admin can view student's feedback. But admin can't which student give what types of feedback.
- Admin can check average feedback of every courses.
- Admin can update password.
- Admin can add feedback question.
- Admin can delete feedback question.
- Admin can edit feedback question.
- Class Representative and staff can see who didn't give feedback.
- Student can Login with common password given by admin. Then student can't see any information of the site until he update the password. Student can update password by giving student's email. Through this email student receive a link for changing the password. When changing password student can't set the common password. If student set common password he can't see anything in the site.
- Student can view all of his information which is set by admin.
- Student can update password.
- Student can see all of his courses with feedback status. Feedback status means whether he has given the feedback of the course or not or times over to give feedback.
- Student can give feedback for every questions of every courses within due date.
- Student can Logout.

- Teacher can Login with common password given by admin. Then teacher can't see any information of the site until he update the password. Teacher can update password by giving student's email. Through this email teacher receive a link for changing the password. When changing password teacher can't set the common password. If teacher set common password he can't see anything in the site.
- Teacher can see all of his information which is set by admin.
- Teacher can update password.
- Teacher can view average feedback of his courses given by student
- Teacher can Logout.
- Chairman can see average rating on any course question wise.
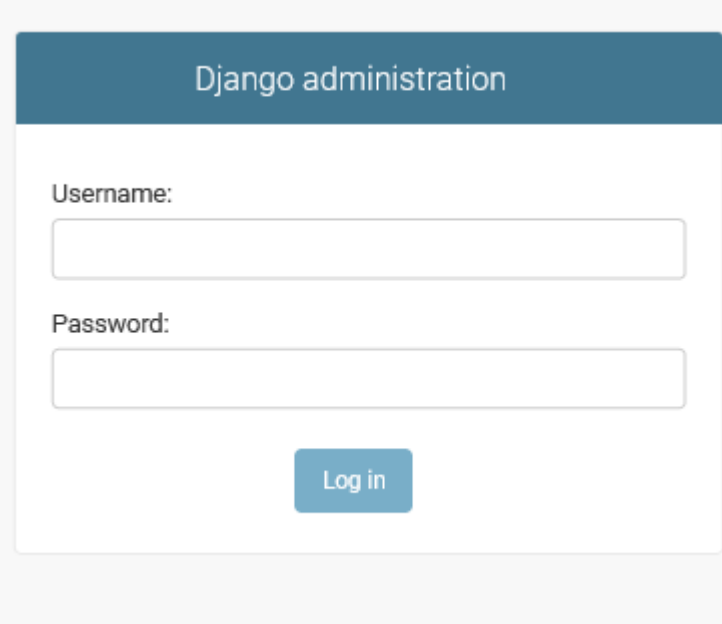
Featured not completed yet:

- When new feedback is set. Student can receive notification through email.
- Student who didn't give feedback send notification through email.

Technology Used:

- Front End : HTML 5, CSS 3, JavaScript
- Back End : Django Python

Github Link: https://github.com/somiha/Student_Feedback_System

Screenshot of all pages:

Admin Login

Django administration   WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Site administration

ACCOUNT
Batchs	+ Add	✎ Change
Depts	+ Add	✎ Change
Semesters	+ Add	✎ Change
Staffs	+ Add	✎ Change
Student profiles	+ Add	✎ Change
Teachers	+ Add	✎ Change

AUTHENTICATION AND AUTHORIZATION
Groups	+ Add	✎ Change
Users	+ Add	✎ Change

MAIN
Questions	+ Add	✎ Change
Review detailss		✎ Change
Review sets	+ Add	✎ Change
Semester subjects	+ Add	✎ Change
Subjects	+ Add	✎ Change

Recent actions

My actions

✎ Feedback on Operating
   System(CSE-3.1)
   Review set

+ Feedback on Operating
   System(CSE-3.1)
   Review set

✎ Compiler Design
   Semester subject

✎ admin
   User

✎ admin
   User

✗ admin
   Group

✎ Rahim
   User

✎ admin
   User

+ admin
   Group

✎ Rahim
   User

Admin Section

Django administration   WELCOME, ADMIN. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Authentication and Authorization › Users › Add user

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username: `170122`
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password: `••••••••`
Your password can't be too similar to your other personal information.
Your password must contain at least 8 characters.
Your password can't be a commonly used password.
Your password can't be entirely numeric.

Password confirmation: `••••••••`
Enter the same password as before, for verification.

[Save and add another] [Save and continue editing] [SAVE]

Admin can add user with common password (12abAB!@)

WELCOME, **ADMIN**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Authentication and Authorization › Users › 170122

Change user

HISTORY

Username: 170122

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password: **algorithm**: pbkdf2_sha256 **iterations**: 150000 **salt**: xZc57i****** **hash**: I3MPI9**

Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using this form.

Personal info

First name: Rahima

Last name: Tasnim

Email address: stasnimjes@gmail.com

Permissions

☑ Active

Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

Admin can set user information

Django administration

WELCOME, **ADMIN**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Account › Student profiles › Add student profile

Add student profile

User: 170122 ✏ ✚

Profile pic: Browse... No file selected.

Dept: Computer Science and Engineering ✏ ✚

Batch: 2017-2018 ✏ ✚

Year semester: 3rd year 1st semester ✏ ✚

Contantnum: 01912941836

☐ Pass updated

Save and add another | Save and continue editing | SAVE

Admin can add Student (Similar with Teacher and Staff)

LOGIN

170122

••••••••

Login

Forget Password?

Student login with common password (Same as Teacher and Staff)

Update Password

Student's Dashboard (Student can't see anything until update password (Same as Teacher and Staff))

Forgotten your password?

Enter your e-mail address to obtain a new password.

stasnimjes@gmail.com

Send Mail

Update password link is sent through this email

Reset your password

Please enter your new password twice: Don't set your previous password. Set new Password.

Update

After opening link from email

Rahima Tasnim

3rd year 1st semester
Roll No: 170122
Session: 2017-2018
Email: stasnimjes@gmail.com
Contact No: 01912941836
Update password
Course List:

Course Id	Course Name
CSE-3101	Data Communication
CSE-3110	Software Development Project Laboratory-II
CSE-3103	Operating System
CSE-3203	Compiler Design

Student's Dashboard (After login with new password)

Review List:

Course Name	Last Date	Status
Data Communication	July 13, 2021, 6 a.m.	Not Given
Operating System	July 28, 2021, 6 p.m.	Given

Student's Feedback list

Feedback Form

Course ID: CSE-3101
Course Name: Data Communication
Course Instructor: Rahim Karim
Dept. of Computer Science and Engineering
Feedback Status: Not Given

Please give your answer about the following question by clicking the given grade on the scale:

| Strongly Agree 5 | Agree 4 | Neutral 3 | Disagree 2 | Strongly disagree 1 |

1:Course integrates throretical course concepts with the real world examples: ○ 5 ○4 ○ 3 ○2 ○1
2:Teacher is punctual,arrives on time and leaves on time: ○ 5 ○4 ○ 3 ○2 ○1
3:Teacher is good at stimulating the interest in the course content: ○ 5 ○4 ○ 3 ○2 ○1
4:Teacher is good at explaining the subject matter: ○ 5 ○4 ○ 3 ○2 ○1
5:Teacher's presentation was clear, loud ad easy to understand: ○ 5 ○4 ○ 3 ○2 ○1

Submit

Student's Feedback Form

Syed Galib

Email: mdabdussobhan64@gmail.com
Teacher ID: 0101
Dept: Computer Science and Engineering
Contact No: 01234567891
Update Password
Course Review List Avarage:

Course Name	Semester	Rating	Details
Operating System	3rd year 1st semester	3.7000	Views
Data Communication	3rd year 1st semester	4.4286	Views
Software Development Project Laboratory-II	3rd year 1st semester	4.3750	Views
Compiler Design	3rd year 1st semester	4.4167	Views

Chairman's Dashboard (can see average feedback on any course)

Syed Galib

Feedback on Operating System (CSE 3103)

3rd year 1st semester

Question	Avg. Point
Course integrates throretical course concepts with the real world examples:	5.0
Teacher is punctual,arrives on time and leaves on time:	4.5
Teacher is good at stimulating the interest in the course content:	4.0
Teacher is good at explaining the subject matter:	3.0
Teacher's presentation was clear, loud ad easy to understand:	2.0

After Clicking views Chairman can see average point question wise

Rahim Karim

Email: mdabdussobhan64@gmail.com
Teacher ID: 0101
Dept: Computer Science and Engineering
Contact No:
Update Password

Teacher's Dashboard

Review List

Course Name	Semester	Rating
Data Communication	3rd year 1st semester	5.0000
Operating System	3rd year 1st semester	3.0000

Teacher's Average Feedback rating list

Imrul Khan

Email: tasnimsomiha@gmail.com
Dept: Computer Science and Engineering
Contact No:
Update Password
Course Review List Avarage:

Course Name	Semester	Teacher	Rating	Not Given
Data Communication	3rd year 1st semester	0101	5.0000	view
Operating System	3rd year 1st semester	0101	3.0000	view

Staff's Dashboard

STUDENT FEEDBACK SYSTEM   Dashboard   Feedback   Logout

Roll	Semester	Email
170122	3rd year 1st semester	stasnimjes@gmail.com

Staff's Dashboard after clicking view (Student who didn't give feedback)

Django administration   WELCOME, **ADMIN**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Main › Review detailss › Feedback on Operating System (CSE 3103)

View review details   HISTORY

Review:	Feedback on Operating System (CSE 3103)
Usergiven:	2
Totalpoint:	37.0000
Avg:	3.7000

Close

Admin can see Feedback Details but can't identify which student give how much point. Here, Admin can only see Feedback Details. Admin can't edit or delete Feedback Details.

Select question to change

ADD QUESTION +

Action: [--------- ▾] [Go] 0 of 12 selected

☐	QUESTION
☐	Assessments conducted are clearly connected to maximize learining objectives:
☐	Teacher was always fair and impartial:
☐	Teacher has competed the whole course as per course outline:
☐	Teacher is available and helpful during counseling hours:
☐	Teacher is good at using innovative teaching methods/ways:
☐	Teacher's presentation was clear, loud ad easy to understand:
☐	Teacher is good at explaining the subject matter:
☐	Teacher is good at stimulating the interest in the course content:
☐	Teacher is punctual,arrives on time and leaves on time:
☐	Course integrates throretical course concepts with the real world examples:
☐	Course objectives,learning outcomes and grading criteria are clear to me:
☐	Teacher provided the course outline having weekly content plan with list of required text book:

12 questions

Admin can add/delete/edit Feedback Question

Change review set

HISTORY

Name: [Feedback on Data Communication(CSE-3.1)]

Semester: [3rd year 1st semester ▾] ✏ +

Teacher: [0101 ▾] ✏ +

Dept: [Computer Science and Engineering ▾] ✏ +

Subject: [Data Communication ▾] ✏ +

Question:
```
Teacher provided the course outline having weekly content plan with list of required text book:
Course objectives,learning outcomes and grading criteria are clear to me:
Course integrates throretical course concepts with the real world examples:
Teacher is punctual,arrives on time and leaves on time:
Teacher is good at stimulating the interest in the course content:
Teacher is good at explaining the subject matter:
Teacher's presentation was clear, loud ad easy to understand:
```
+

Hold down "Control", or "Command" on a Mac, to select more than one.

Created:
Date: [2021-07-12] Today | 📅
Time: [10:39:12] Now | ⊙
Note: You are 6 hours ahead of server time.

Endtime:
Date: [2021-07-13] Today | 📅
Time: [06:00:00] Now | ⊙
Note: You are 6 hours ahead of server time.

☐ Stop

[Delete]   [Save and add another] [Save and continue editing] [SAVE]

Admin can add/edit/delete Feedback Form

Site administration

ACCOUNT

Batchs	➕ Add	✏️ Change
Depts	➕ Add	✏️ Change
Semesters	➕ Add	✏️ Change
Staffs	➕ Add	✏️ Change
Student profiles	➕ Add	✏️ Change
Teachers	➕ Add	✏️ Change

AUTHENTICATION AND AUTHORIZATION

Groups	➕ Add	✏️ Change
Users	➕ Add	✏️ Change

MAIN

Questions	➕ Add	✏️ Change
Review detailss		✏️ Change
Review sets	➕ Add	✏️ Change
Semester subjects	➕ Add	✏️ Change
Subjects	➕ Add	✏️ Change

Recent actions

My actions

➕ 170122
  Student profile
✏️ 170122
  User
✏️ 170122
  User
➕ 170122
  User
❌ ahsan
  User
✏️ 0101
  Teacher
❌ ahsan
  Staff
✏️ Feedback on Operating
  System(CSE-3.1)
  Review set
➕ Feedback on Operating
  System(CSE-3.1)
  Review set
✏️ Compiler Design
  Semester subject

Admin can also add/edit/delete Batches, Departments, Semesters and Courses