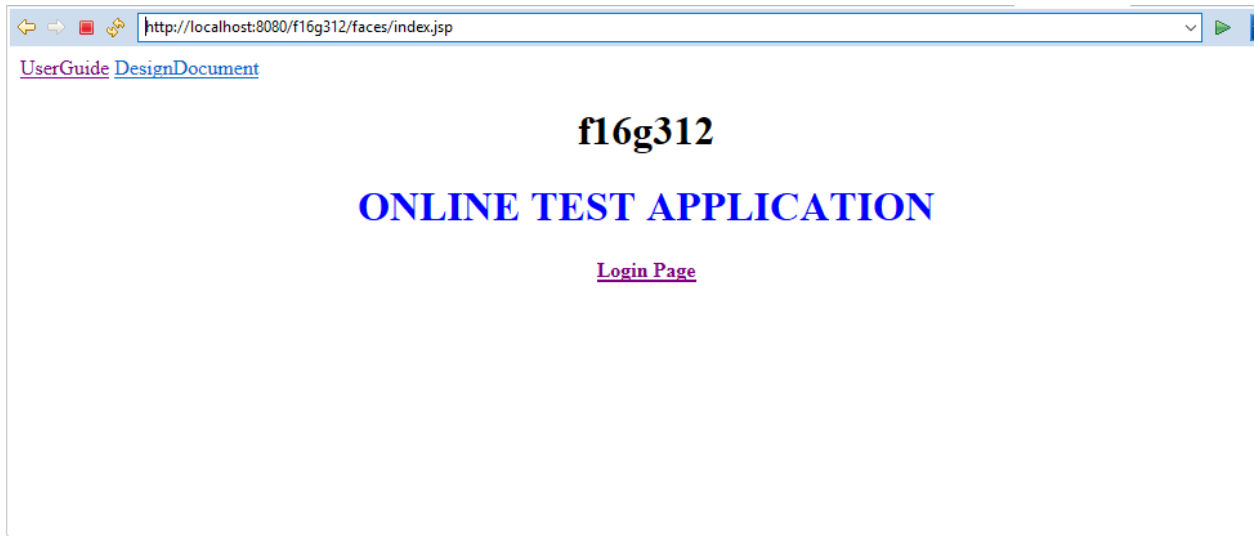


ONLINE TEST APPLICATION

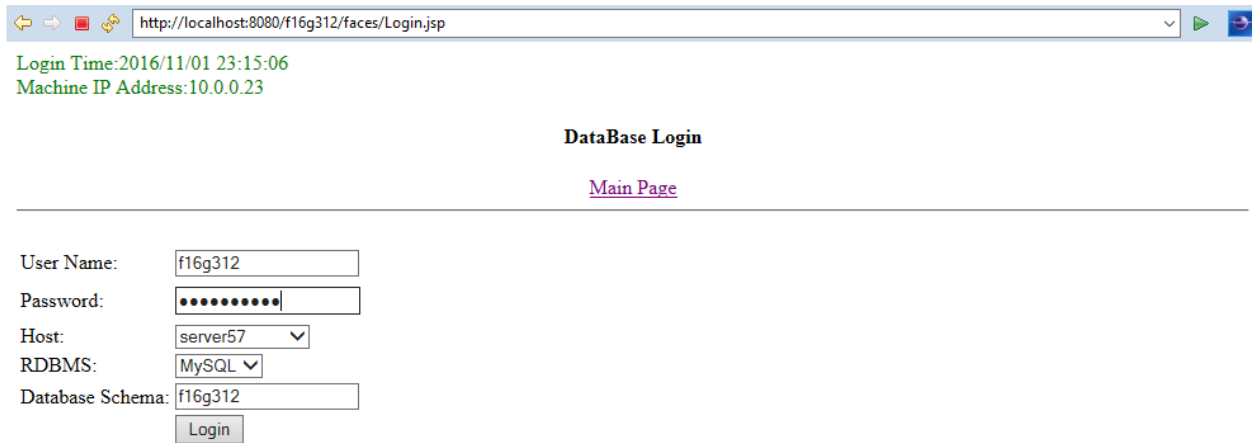
- 1) Index Page: The Index page of the application.



- 2) Login Page : you can login as admin, instructor or student using respective username and password.


A screenshot of a web browser window showing the login page of the 'f16g312 ONLINE TEST APPLICATION'. The browser's address bar displays 'http://localhost:8080/f16g312/faces/Student.jsp'. Below the address bar, there is a link 'Main Page' in a smaller, bold, purple font. The main content area features the text 'Login Page' in a large, bold, black font. Below this, there is a section titled 'Enter your details to login' in a bold, black font. This section contains two input fields: 'User Name:' and 'Password:'. Below these fields is a 'Login' button.

3) Login with admin: Admin can control the database management.



The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/f16g312/faces/Login.jsp`. Below the address bar, the login time and machine IP address are shown: `Login Time:2016/11/01 23:15:06` and `Machine IP Address:10.0.0.23`. The main heading is **DataBase Login**, with a link to [Main Page](#). The login form includes fields for User Name (filled with 'f16g312'), Password (masked with dots), Host (dropdown menu showing 'server57'), RDBMS (dropdown menu showing 'MySQL'), and Database Schema (filled with 'f16g312'). A 'Login' button is located below the Database Schema field.

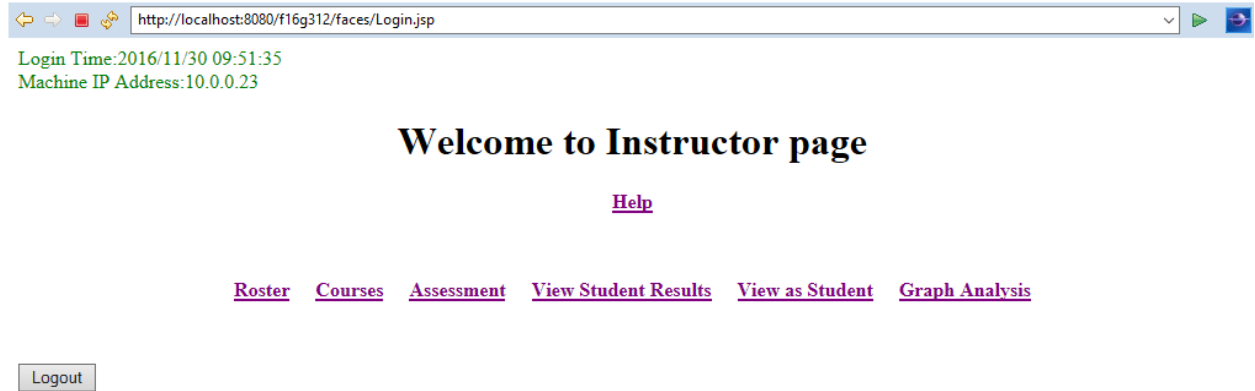
4) Admin can manage the database and can create tables:



The screenshot shows a web browser window with the address bar displaying `http://localhost:8080/f16g312/faces/dbLogin.jsp`. Below the address bar, the login time and machine IP address are shown: `Login Time:2016/11/01 23:15:06` and `Machine IP Address:10.0.0.23`. The main heading is **Database for Online Test Application**. Below the heading, there are several buttons: 'Table List', 'Column List', 'Process SQL Query', 'Create Tables', 'Drop Tables', and 'Logout'. A list of database tables is displayed on the left, including 'f16g312_assessment', 'f16g312_course', 'f16g312_enroll', 'f16g312_result', and 'f16g312_rosteraccounting'. A large empty text area is on the right.

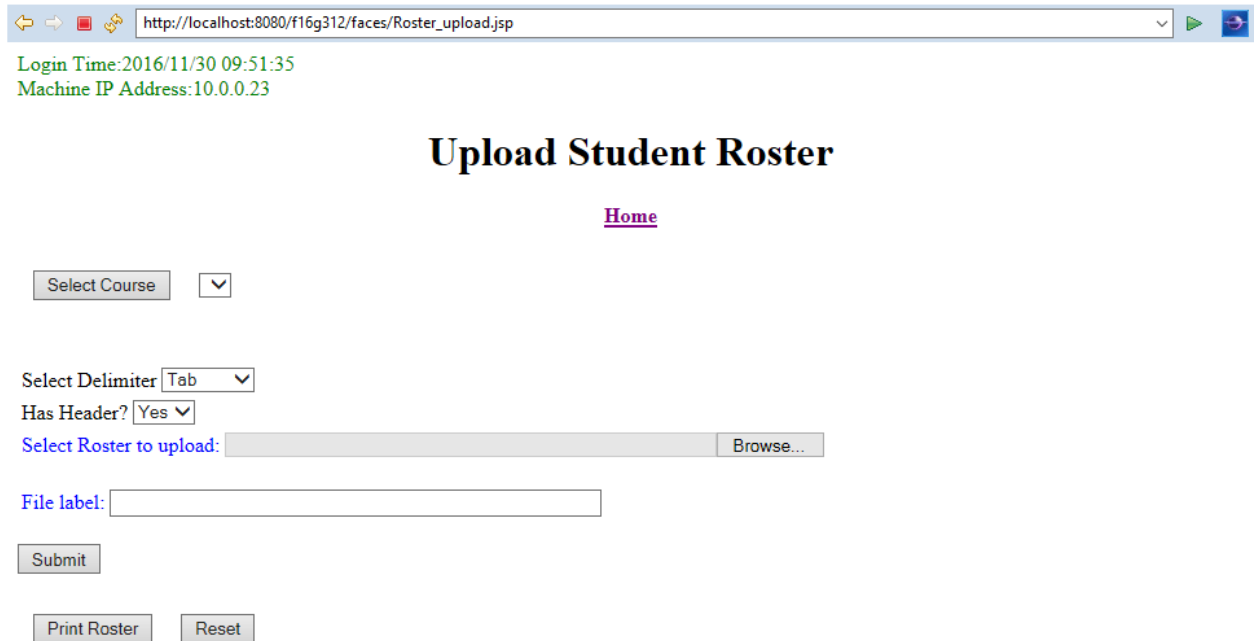
5) If an instructor login through his/her credential, it will get directed to the Instructor page where he/she can manage the courses, assessments and results.

Credentials are saved in the database



A screenshot of a web browser window showing the login page. The address bar displays 'http://localhost:8080/f16g312/faces/Login.jsp'. Below the address bar, the login time and machine IP address are shown: 'Login Time:2016/11/30 09:51:35' and 'Machine IP Address:10.0.0.23'. The main heading is 'Welcome to Instructor page'. Below the heading is a link labeled 'Help'. A horizontal menu contains links: 'Roster', 'Courses', 'Assessment', 'View Student Results', 'View as Student', and 'Graph Analysis'. At the bottom left is a 'Logout' button.

6) Instructor can upload Student Roster details through uploading .csv file by browsing through your computer.



A screenshot of a web browser window showing the 'Upload Student Roster' page. The address bar displays 'http://localhost:8080/f16g312/faces/Roster_upload.jsp'. Below the address bar, the login time and machine IP address are shown: 'Login Time:2016/11/30 09:51:35' and 'Machine IP Address:10.0.0.23'. The main heading is 'Upload Student Roster'. Below the heading is a link labeled 'Home'. The form includes a 'Select Course' dropdown menu, a 'Select Delimiter' dropdown menu set to 'Tab', a 'Has Header?' dropdown menu set to 'Yes', a 'Select Roster to upload:' text input field with a 'Browse...' button, a 'File label:' text input field, a 'Submit' button, and 'Print Roster' and 'Reset' buttons at the bottom.

7) Instructor can see the students enrolled in a particular course by selecting the course.

http://localhost:8080/f16g312/faces/Registered.jsp

Login Time:2016/11/30 09:51:35
Machine IP Address:10.0.0.23

View Registered Students

[Home](#)

View Courses Accounting ▾

View Enrolled Students Reset

UIN	Netid	Lastname	Firstname	Role
1	kchauhan	Chauhan	Kritika	student
2	stu2	Student2	SN2	student
3	stu3	Student3	SN3	student

8) Instructor can upload the Assessment by browsing the .csv or tab files and can update the same for specific Assessment.

http://localhost:8080/f16g312/faces/Assessment_upload.jsp

Login Time:2016/11/30 09:51:35
Machine IP Address:10.0.0.23

Upload Assessment

[Home](#)

View Courses Accounting ▾

Select Assessment Exam1 ▾

Select Delimiter Tab ▾

Has Header? Yes ▾

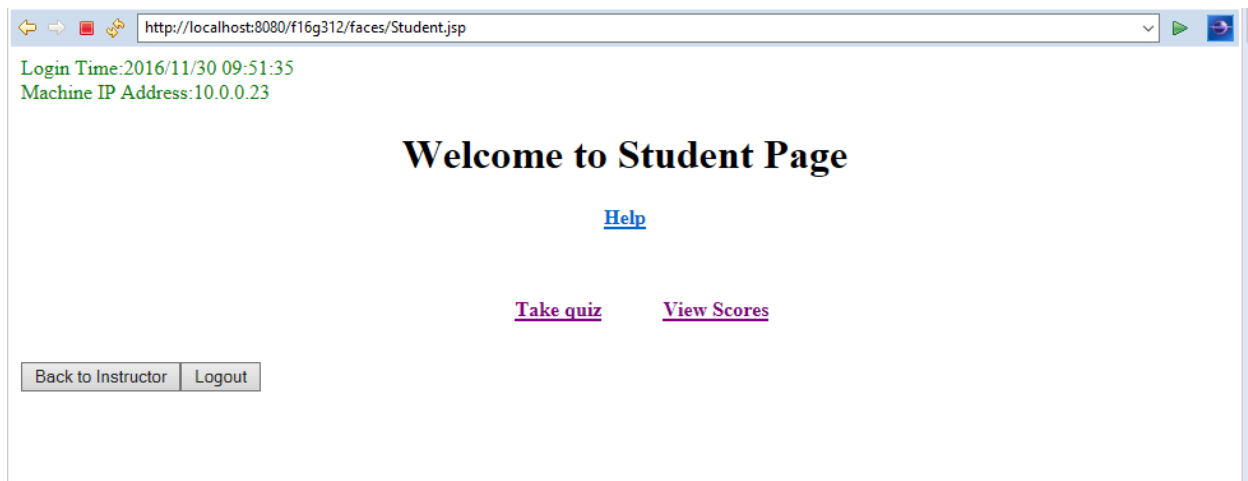
Select Assessment to upload: Browse...

File label:

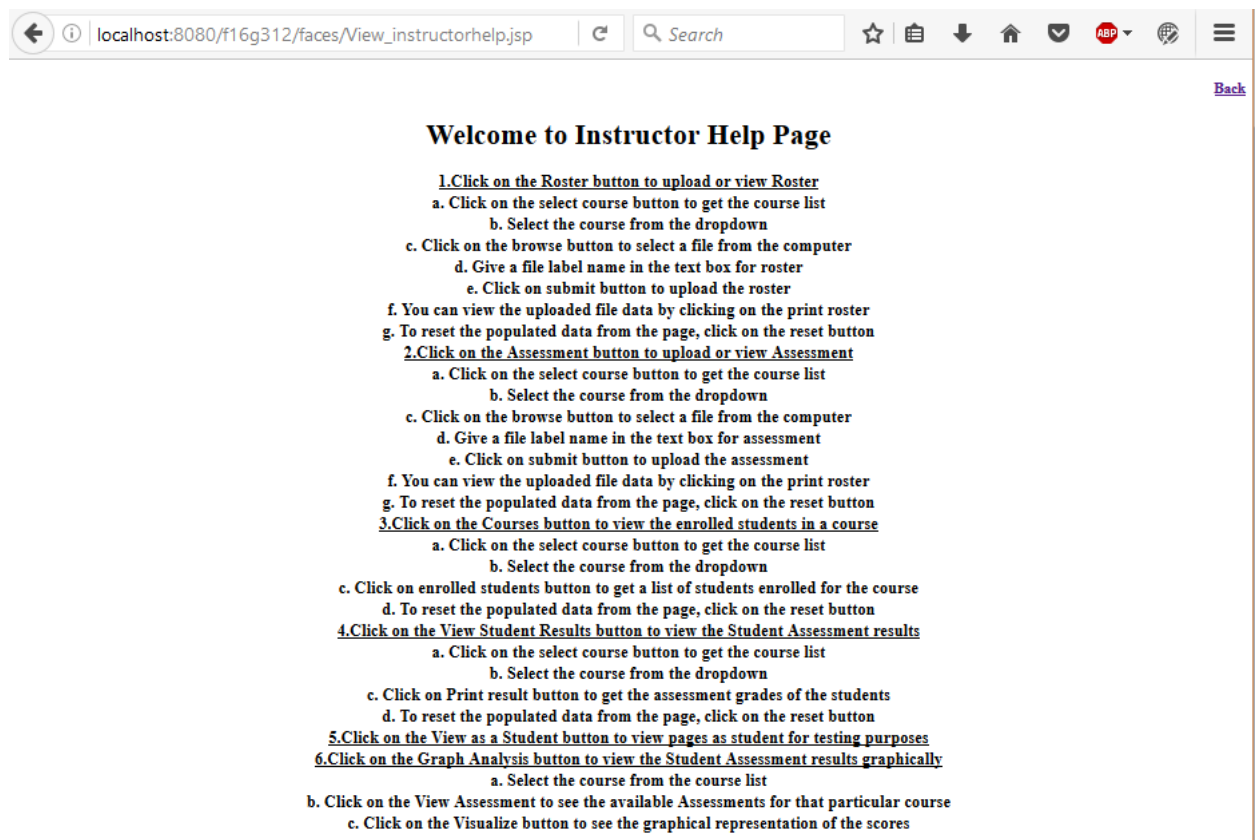
Submit

View Assessments ▾ View Selected Assessment Reset

9) Instructor can see the student view as well.



10) Click on Help to view the Instructor related help on the Instructor page.

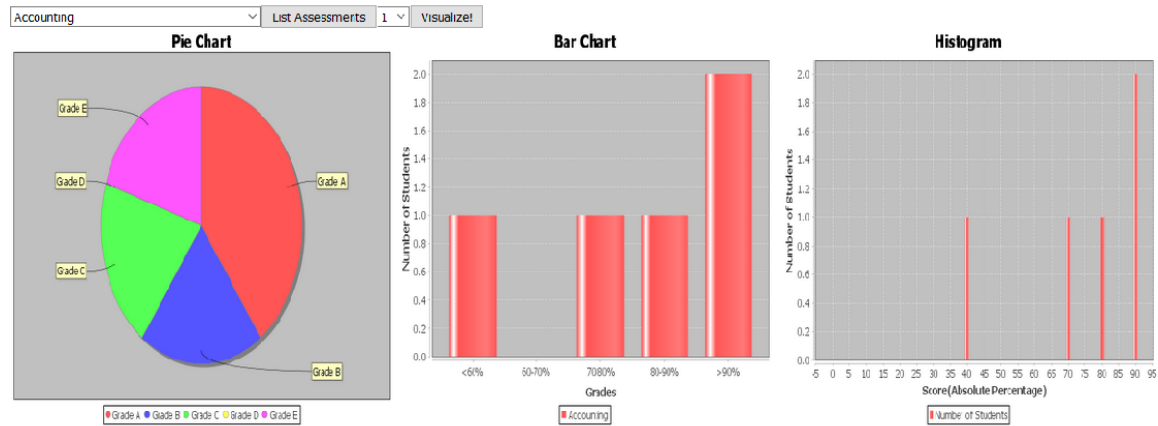


11) Instructor can analyze the student's score of each subject for every assessment

Score Card

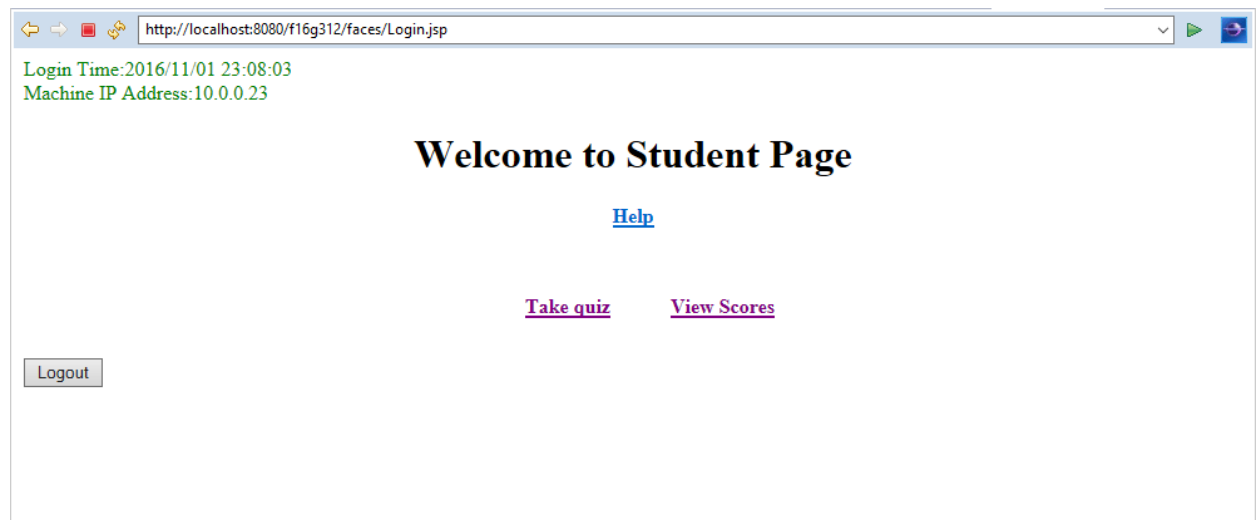
GRAPHICAL ANALYSIS OF SCORES

[Main Page](#)



12) If a student login through his/her credential, it will get directed to the Student page.

Credentials are saved in the database.



13) If a student wants to take test, he/she will click on Take Quiz. A student can only see the courses in which he/she is enrolled.

http://localhost:8080/f16g312/faces/Take_assessment.jsp

Login Time:2016/11/30 09:51:35
Machine IP Address:10.0.0.23

Take Assessment

[Home](#)

My Courses Accounting ▾

View Assessments 3 ▾

Start Selected Assessment

Question Id	Question Type	Question String	Answer
41	NUM	Question 1 a	
42	NUM	Question 1 b	
43	NUM	Question 2 a	
44	NUM	Question 2 b	

14) Student can see the results after clicking View Scores at the Home page and then click Print Result.

http://localhost:8080/f16g312/faces/View_assessment.jsp

Login Time:2016/11/30 09:51:35
Machine IP Address:10.0.0.23

Results

[Home](#)

Print Result Reset

UIN	Assessment ID	Course Name	Score
5	1	Accounting	225
5	1	ADBMS	250
5	2	Accounting	225
5	3	Accounting	75

15) Click on the Help to view the student related help on Student page.



[Back](#)

Welcome to Student Help Page

1. Click on the "Take Quiz" link to take up a quiz
2. Click on the select course button to get your course details
3. Select the course from the dropdown menu
4. Click on the select assessment button to get the assessments
5. Next, select the assessment/quiz which you want to take from the dropdown menu
6. Start the assessment by clicking on the Start quiz button
 - a. Check Your Browser Options before the Test to ensure that it is not set to disconnect after several minutes of inactivity.
 - b. Don't close the window of the test for any reason.
- c. If something goes wrong, send an e-mail to the instructor immediately, documenting the exact problem and asking how to proceed.
- d. Review answers before Submitting the Quiz. Make sure you have not accidentally changed your response to a question or made a typographic mistake.
- e. Once you finish the test, click on Submit button at the bottom
- f. You will be redirected to you home page
7. To view scores, click on View Scores link. Click on Print Result to view scores for all your courses.
8. To logout, click on logout button

Click on the Home/Back to navigate on the Home page.

16) Click on the Logout to move back to the Login page.

Login Page

[Main Page](#)

Enter your details to login

User Name:

Password:

You can go to the login page again after logout.