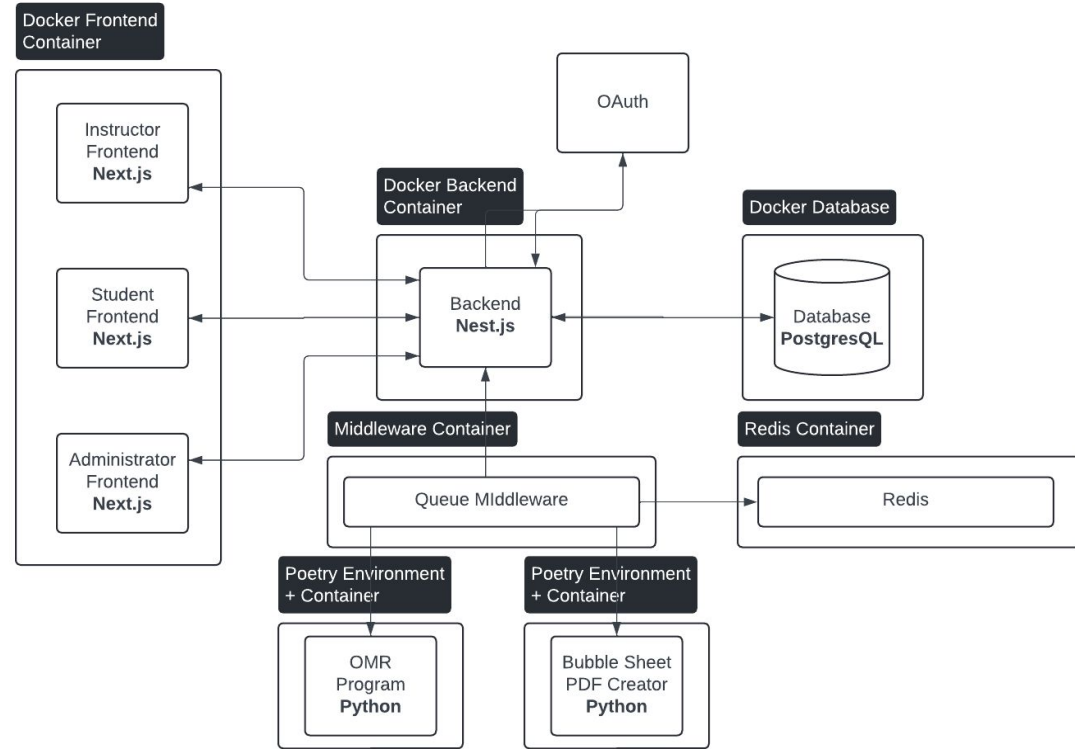


Optical Marking Management System Design Proposal

Team 7 - Bennett, Dima, Francisco, Ishika, Paula

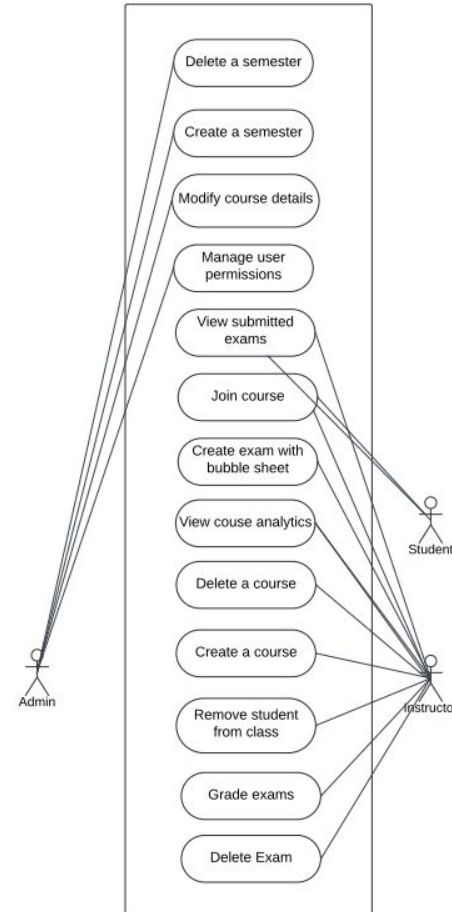
A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

System Architecture



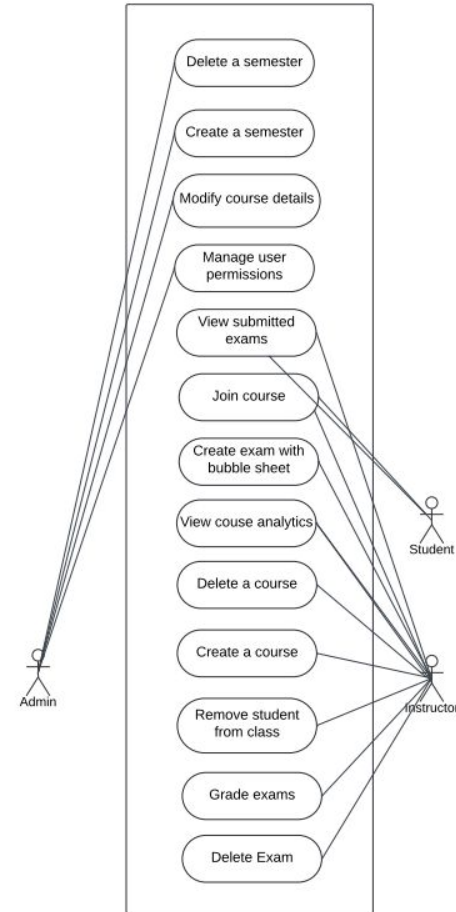
Use Cases (Grade Exams)

1. The instructor signs into the system
2. The instructor navigates to the “Course” page and clicks on the “Edit” button for the selected exam
3. The instructor clicks the button “Upload Submissions,” where they are presented with the window to select the PDF file with bubble-sheet exams
4. The system processes and grades uploaded PDF file and adds the list of graded students and their marks
5. The instructor validates all exams are marked correctly and clicks the button “Release Grades”



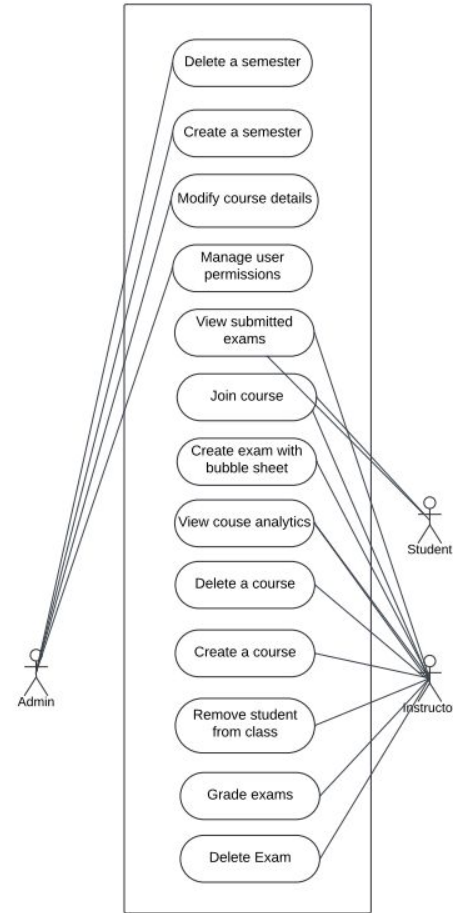
Use Cases (View Submitted Exams)

1. The instructor selects a course from their dashboard.
2. The instructor selects an exam.
3. The instructor selects a student.
 - a. By manually searching for the user
 - b. By searching the user with the search bar
4. The instructor views the student's exam.

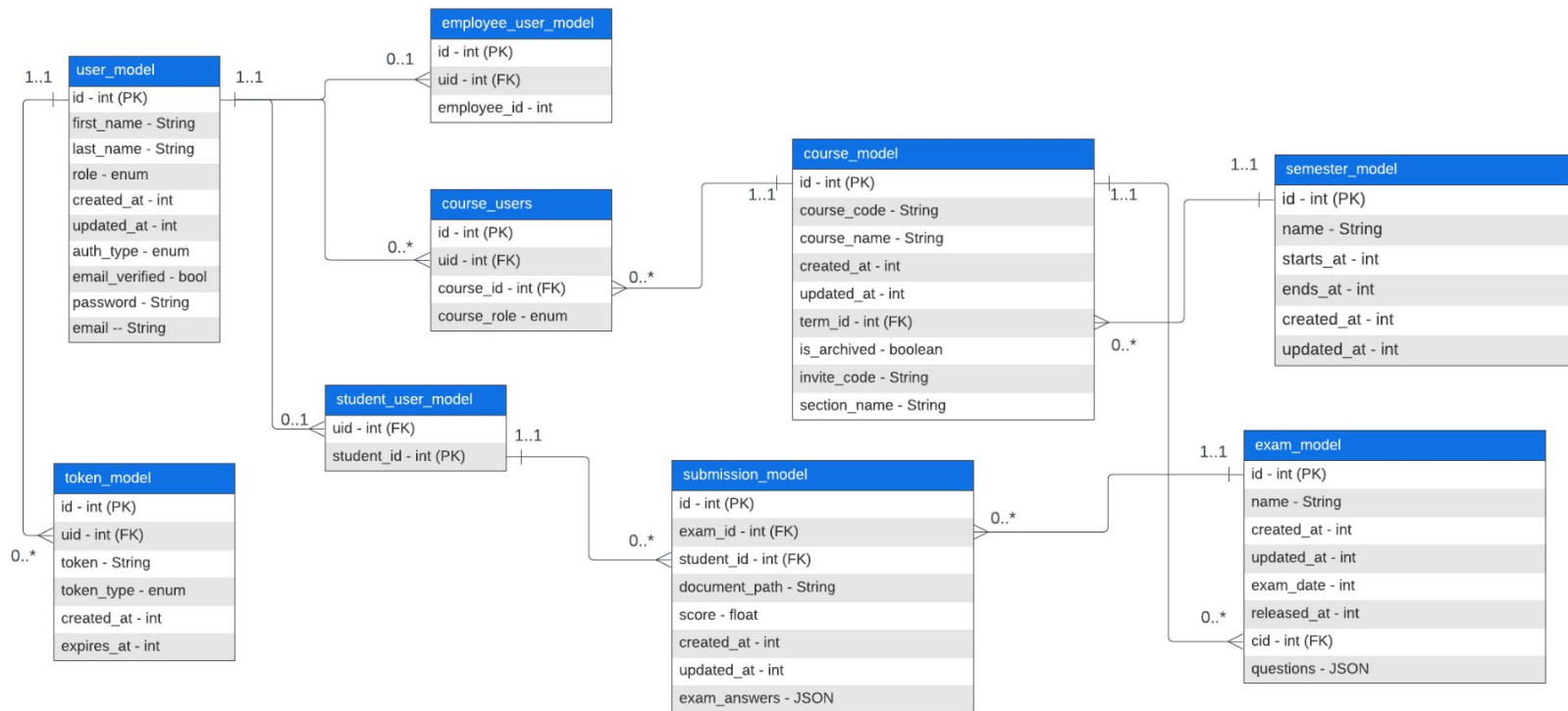


Use Cases (View Course Analytics)

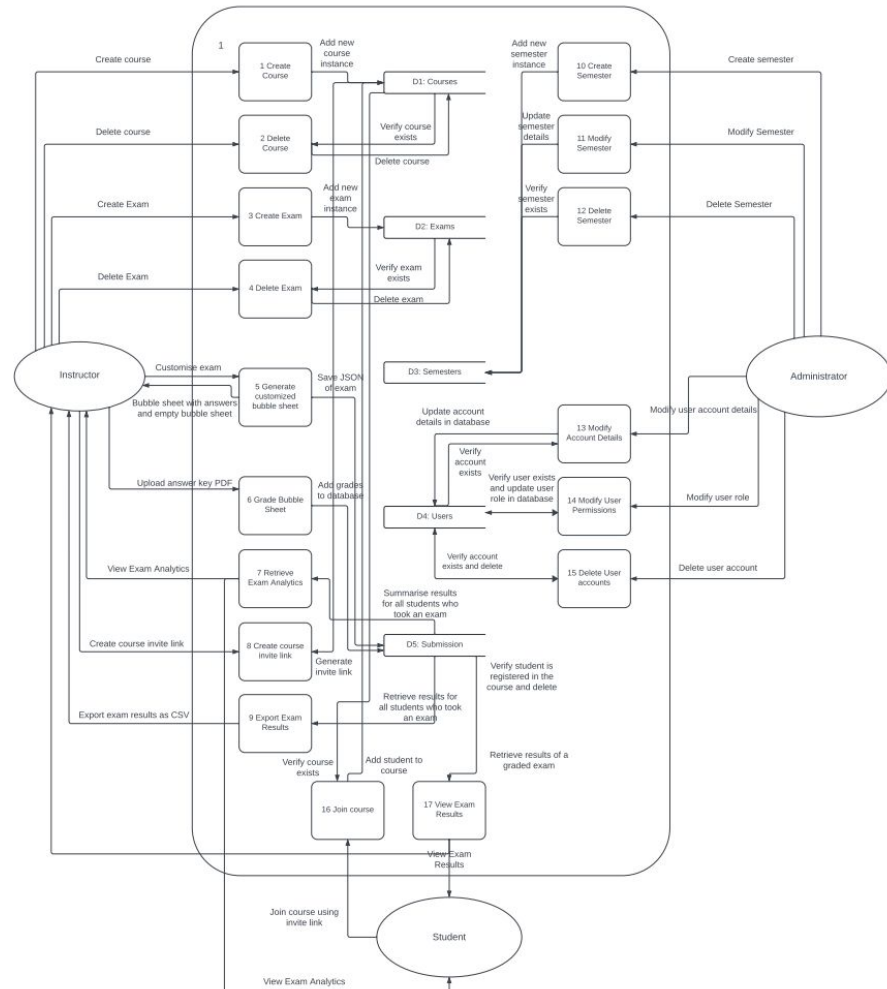
1. The instructor signs in to the system.
2. The instructor navigates to the course dashboard page
3. The instructor clicks the button “Analytics” and gets redirected to the page
4. The instructor is able to see graphs and charts related to the course average and historical average, class size, top-performing students, top challenging exams, and other charts that provide information about course performance



ER Model




Level 1 DFD



UI Mockups

Falcon



Welcome back,
Ramon Lawrence

[Courses](#)
[Exams](#)
[Help](#)

COSC 304
Introduction to Databases

[Course Settings](#)

COSC 304 - Midterm 1

No. of Questions

Default points per question

Instructions

Please use a #2 pencil and completely erase any stray marks.

No. of Answers

A B C D E

1 ☐ ☒ ☐ ☐ ☐

A B C D E

2 ☐ ☒ ☐ ☐ ☐

A B C D E

3 ☐ ☐ ☒ ☐ ☐

A B C D E

4 ☐ ☐ ☒ ☐ ☐

A B C D E

5 ☐ ☐ ☒ ☐ ☐

A B C D E

6 ☐ ☐ ☒ ☐ ☐

A B C D E

7 ☐ ☒ ☐ ☐ ☐

A B C D E

8 ☐ ☒ ☐ ☐ ☐

A B C D E

9 ☐ ☐ ☒ ☐ ☐

A B C D E

10 ☐ ☐ ☒ ☐ ☐

A B C D E

11 ☐ ☒ ☐ ☐ ☐

A B C D E

12 ☐ ☒ ☐ ☐ ☐

A B C D E

13 ☐ ☐ ☒ ☐ ☐

A B C D E

14 ☐ ☐ ☒ ☐ ☐

A B C D E

15 ☐ ☐ ☒ ☐ ☐

A B C D E

16 ☐ ☐ ☒ ☐ ☐

A B C D E

17 ☐ ☒ ☐ ☐ ☐

A B C D E

18 ☐ ☒ ☐ ☐ ☐

A B C D E

19 ☐ ☐ ☒ ☐ ☐

A B C D E

20 ☐ ☐ ☒ ☐ ☐

A B C D E

21 ☐ ☒ ☐ ☐ ☐

A B C D E

22 ☐ ☒ ☐ ☐ ☐

A B C D E

23 ☐ ☐ ☒ ☐ ☐

A B C D E

24 ☐ ☐ ☒ ☐ ☐

A B C D E

25 ☐ ☐ ☒ ☐ ☐

A B C D E

26 ☐ ☐ ☒ ☐ ☐

A B C D E

27 ☐ ☒ ☐ ☐ ☐

A B C D E

28 ☐ ☒ ☐ ☐ ☐

A B C D E

29 ☐ ☐ ☒ ☐ ☐

A B C D E

30 ☐ ☐ ☒ ☐ ☐

A B C D E

31 ☐ ☒ ☐ ☐ ☐

A B C D E

32 ☐ ☒ ☐ ☐ ☐

A B C D E

33 ☐ ☐ ☐ ☐ ☐

A B C D E

34 ☐ ☐ ☐ ☐ ☐

A B C D E

35 ☐ ☐ ☐ ☐ ☐

A B C D E

36 ☐ ☐ ☐ ☐ ☐

A B C D E

37 ☐ ☐ ☐ ☐ ☐

A B C D E

38 ☐ ☐ ☐ ☐ ☐

A B C D E

39 ☐ ☐ ☐ ☐ ☐

A B C D E

40 ☐ ☐ ☐ ☐ ☐

A B C D E

41 ☐ ☐ ☐ ☐ ☐

A B C D E

42 ☐ ☐ ☐ ☐ ☐

[Sign-out](#)

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[Preview](#)

UI Mockups

Falcon



Welcome back,
Ramon Lawrence

Courses

Exams

Help

Sign-out

COSC 304 - Midterm 1

Section 001

Ramon Lawrence

2025-01-25

Student Name: _____

Instructions:

Please use a #2 pencil and completely erase any stray marks.

Do: ☐ ☒ ☐ ☐ ☐

Don't: ☒

Student ID Number

0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9

1 ☐ A ☒ B ☐ C ☐ D ☐ E

11 ☐ A ☒ B ☐ C ☐ D ☐ E

21 ☐ A ☒ B ☐ C ☐ D ☐ E

2 ☐ A ☒ B ☐ C ☐ D ☐ E

12 ☐ A ☒ B ☐ C ☐ D ☐ E

22 ☐ A ☒ B ☐ C ☐ D ☐ E

3 ☐ A ☐ B ☒ C ☐ D ☐ E

13 ☐ A ☐ B ☒ C ☐ D ☐ E

23 ☐ A ☐ B ☒ C ☐ D ☐ E

4 ☐ A ☐ B ☐ C ☒ D ☐ E

14 ☐ A ☐ B ☐ C ☒ D ☐ E

24 ☐ A ☐ B ☐ C ☒ D ☐ E

5 ☐ A ☐ B ☒ C ☐ D ☐ E

15 ☐ A ☐ B ☒ C ☐ D ☐ E

25 ☐ A ☐ B ☒ C ☐ D ☐ E

6 ☐ A ☐ B ☐ C ☒ D ☐ E

16 ☐ A ☐ B ☒ C ☐ D ☐ E

26 ☐ A ☐ B ☐ C ☒ D ☐ E

7 ☐ A ☒ B ☐ C ☐ D ☐ E

17 ☐ A ☒ B ☐ C ☐ D ☐ E

27 ☐ A ☒ B ☐ C ☐ D ☐ E

8 ☐ A ☒ B ☐ C ☐ D ☐ E

18 ☐ A ☒ B ☐ C ☐ D ☐ E

28 ☐ A ☒ B ☐ C ☐ D ☐ E

9 ☐ A ☐ B ☒ C ☐ D ☐ E

19 ☐ A ☐ B ☒ C ☐ D ☐ E

29 ☐ A ☐ B ☒ C ☐ D ☐ E

10 ☐ A ☐ B ☐ C ☒ D ☐ E

20 ☐ A ☐ B ☒ C ☐ D ☐ E

30 ☐ A ☐ B ☒ C ☐ D ☐ E

page 1

1

No. of Questions

50

No. of Answers

5

Default points per question

1

Instructions

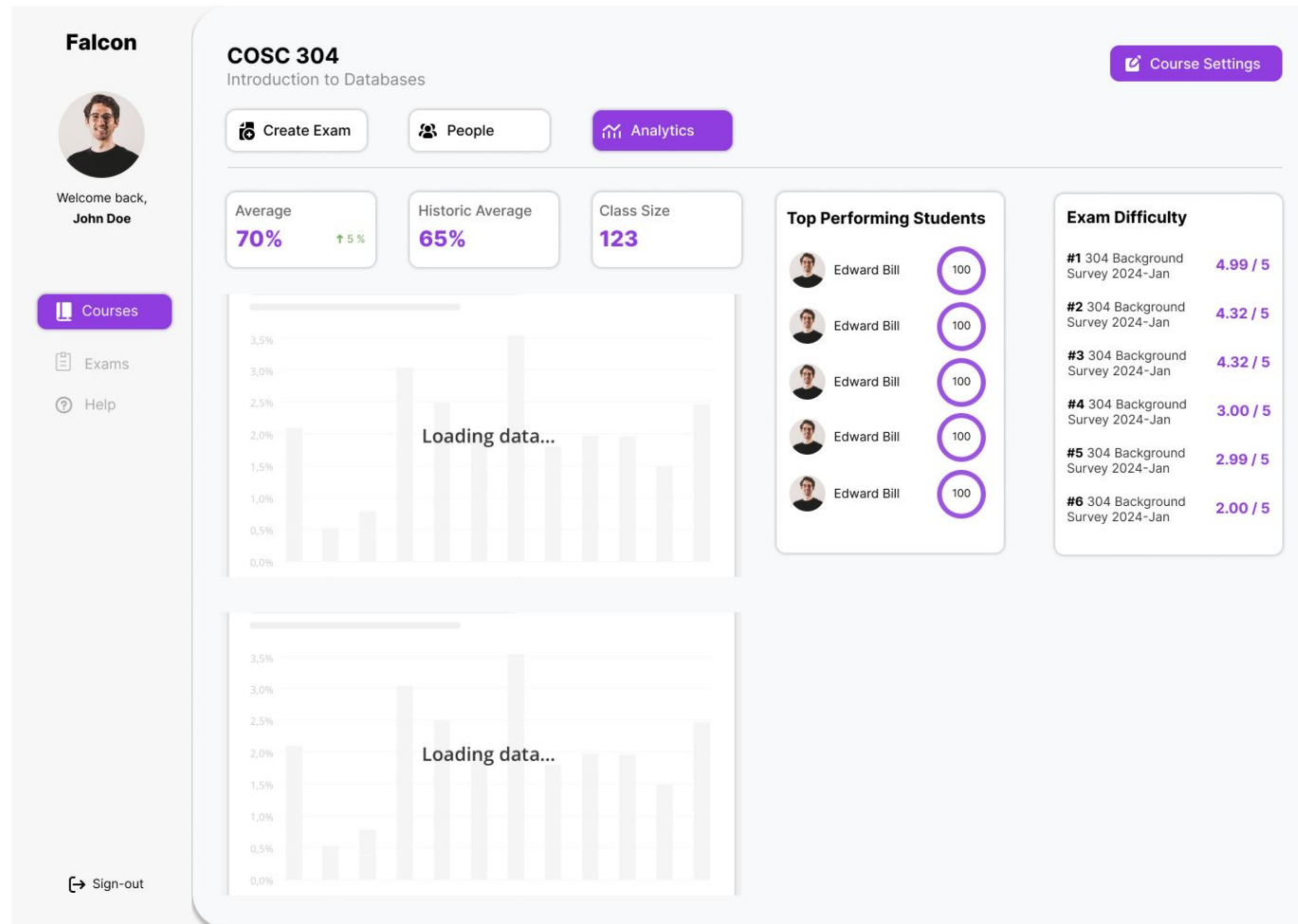
Please use a #2 pencil and completely erase any stray marks.

Edit

Save




UI Mockups



UI Mockups

Falcon



Welcome back,
John Doe

Courses

Exams

Help

Sign-out

COSC 304
Introduction to Databases

Submission Details

304 Background Survey 2024

Instructions:

Please use a #2 pencil and completely erase any stray marks.

Do: ☐ ☒ ☐ ☐ ☐

Don't: ☒ ☒ ☒ ☒ ☒

3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
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7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

1	A	B	C	D	E
2	A	B	C	D	E
3	A	B	C	D	E
4	A	B	C	D	E
5	A	B	C	D	E
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18	A	B	C	D	E
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25	A	B	C	D	E
26	A	B	C	D	E
27	A	B	C	D	E
28	A	B	C	D	E
29	A	B	C	D	E
30	A	B	C	D	E

Grade Overview

20

Mean: 85

High: 98

Low: 0

Lower Quartile: 68

Median: 80

Upper Quartile: 92

Thank you !