St. Francis Institute of Technology

DEPARTMENT OF COMPUTER ENGINEERING

Title of the workshop: Application Building using JavaFX and JDBC

Academic Term: July to Dec 2022
Title of the workshop: **Application Building using JavaFX and JDBC**
Department: Computer Engineering

Report from the Workshop Coordinators

Description: Kindly submit a one-page report stating the flow of the program and challenges faced throughout the program.
The report must include the following points –

Topic: Application Building using JavaFX and JDBC

Organised by: Department of Computer Engineering

Duration with dates: 1st October 2022, 2 sessions of 3 Hrs each.

Objectives of the workshop: To overcome the gap in syllabus of "OOP lab in Java" and to help students to build simple applications in Java using the tool JavaFX and also learn how to store and retrieve data using a database using JDBC connectivity.

Target audience: Second year students of Computer Engineering Department

Name of the resource person: Mr. Siddhant Mishra, Senior Software Engineer, Capegemini Technology Services India Limited.

Sessions: (Session 1)Time: 11:00 pm to 2:00 pm for SE CMPN A
(Session 2)Time: 2:00 pm to 5:00 pm for SE CMPN B
Conducted online using Google meet

No. of participants: 116

Contents of the Workshop:

- Installation of MySQL and Netbeans
- Basic commands of SQL
- Using NetBeans to build a student form
- Connecting to Database

Description of the Entire Event:

Session 1: The session started at 11:00 am with introduction of the speaker by Ms. Eva from SE CMPN A. Then Mr. Siddhant took over and started with the installation of basic software required for the workshop. Students were guided beforehand about the requirements

and almost all had installed the required software. Basic commands needed to connect to a backend using SQL were covered. How to use Netbeans to easily buid a gui application was covered. Mr. Siddhant showed each step to the students and cleared their doubts at the same time. Finally the session concluded at around 2:00 pm. The vote of thanks was given by Ms. Eva and students were asked if there was any feedback to be given. Some students mentioned how the workshop has been quite useful and would help in their mini project application development.

Session 2: The session started at 2:00 pm with introduction given by Mr. Prasad Phatak of SE CMPN B. Thereafter Mr. Siddhant took over and conducted the session with similar contents as in session 1. Finally the session concluded with vote of thanks by Mr. Prasad and feedback session by students. Students mentioned how the session was very helpful for them.

Overall feedback about the workshop and about the resource person:

Overall the workshop had been quite successful and achieved the objective of covering the gap in the syllabus. Students gave positive feedback that they were now confident of building a simple GUI application in Java. All the doubts were also cleared at regular intervals. Overall the resource person was very knowledgeable, interactive and the seminar was very beneficial for the students.

Snapshots of the Event:

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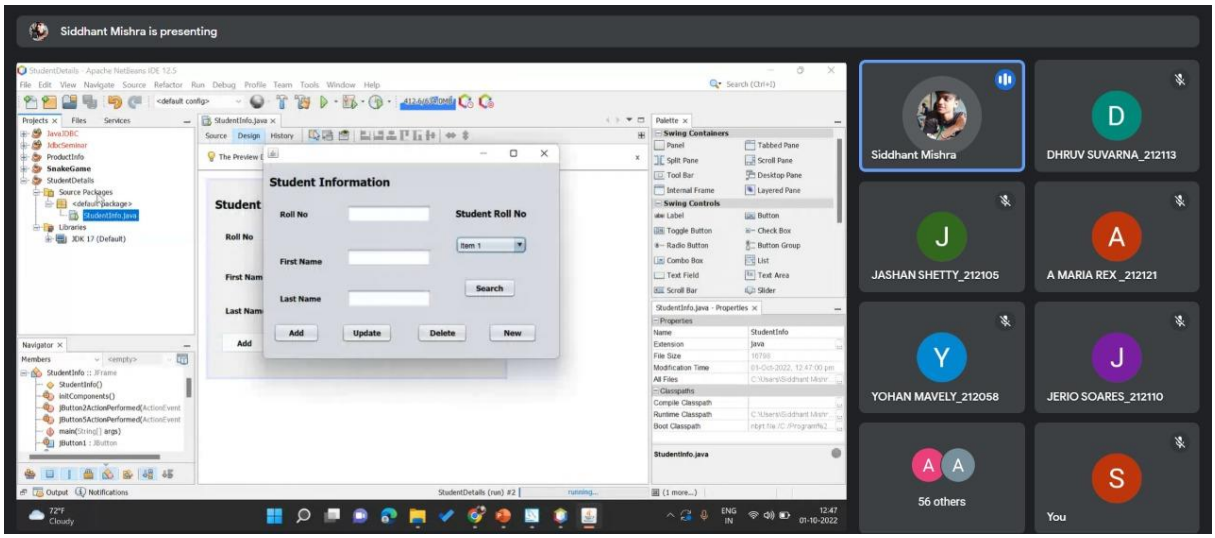

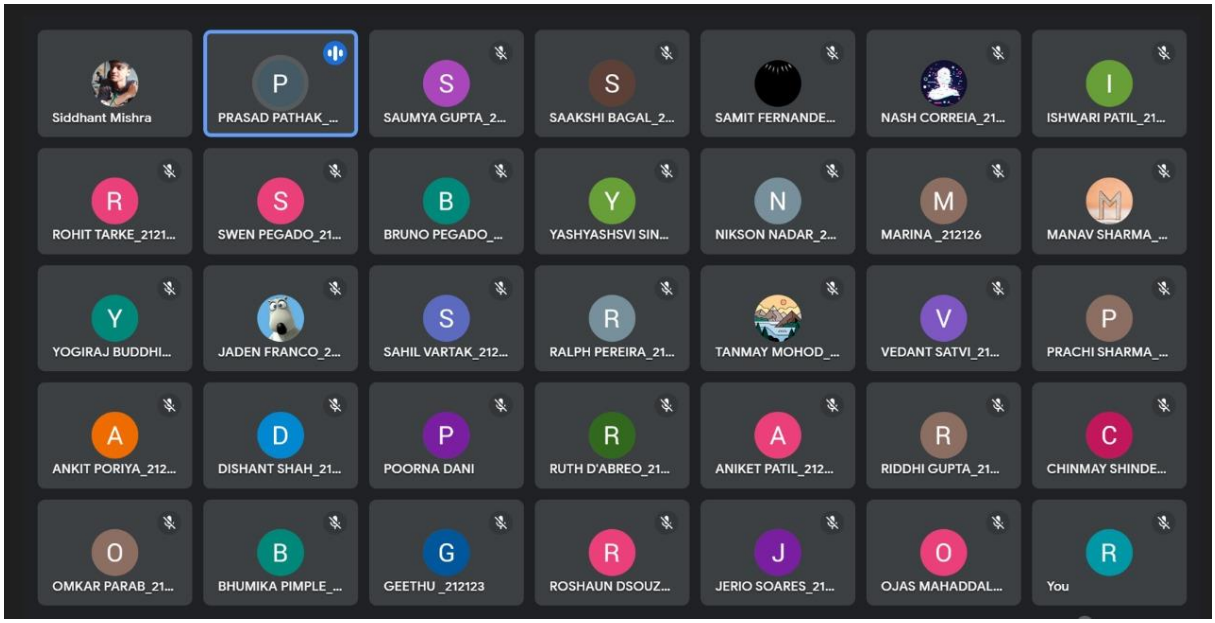

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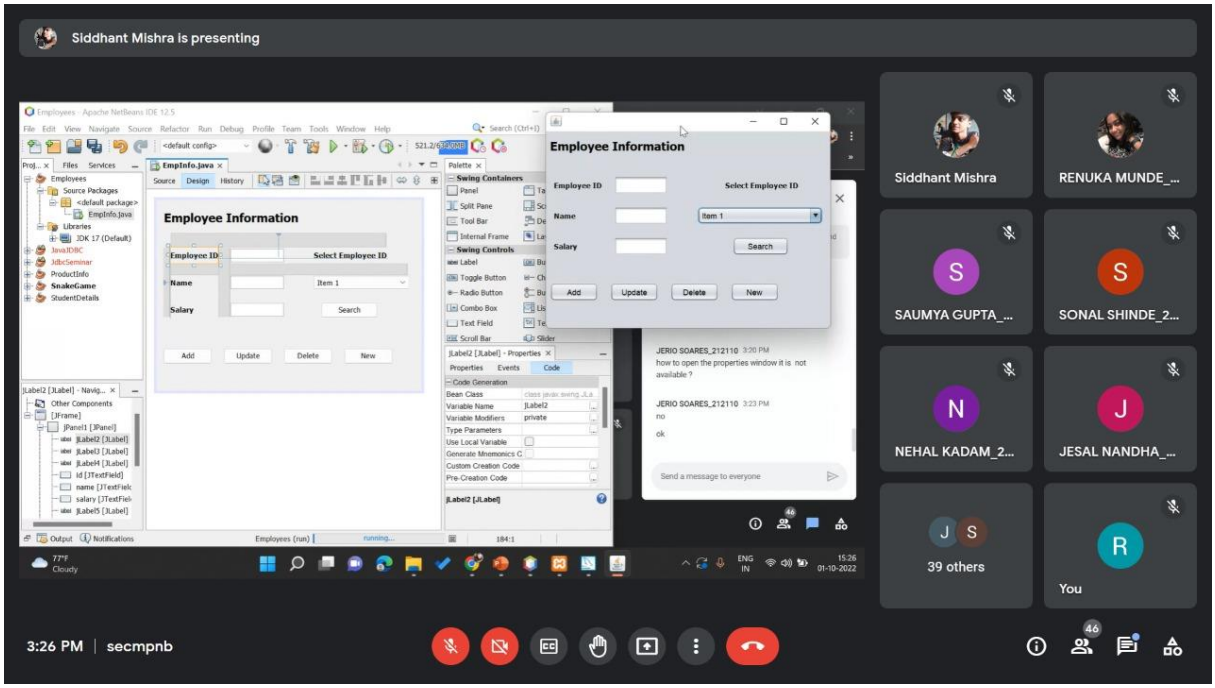

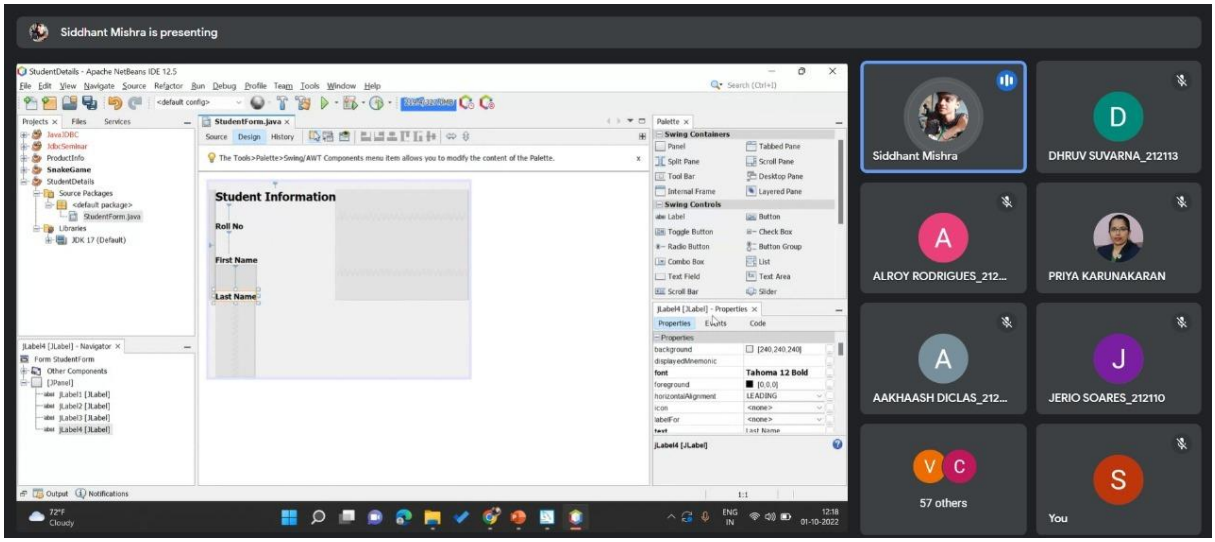

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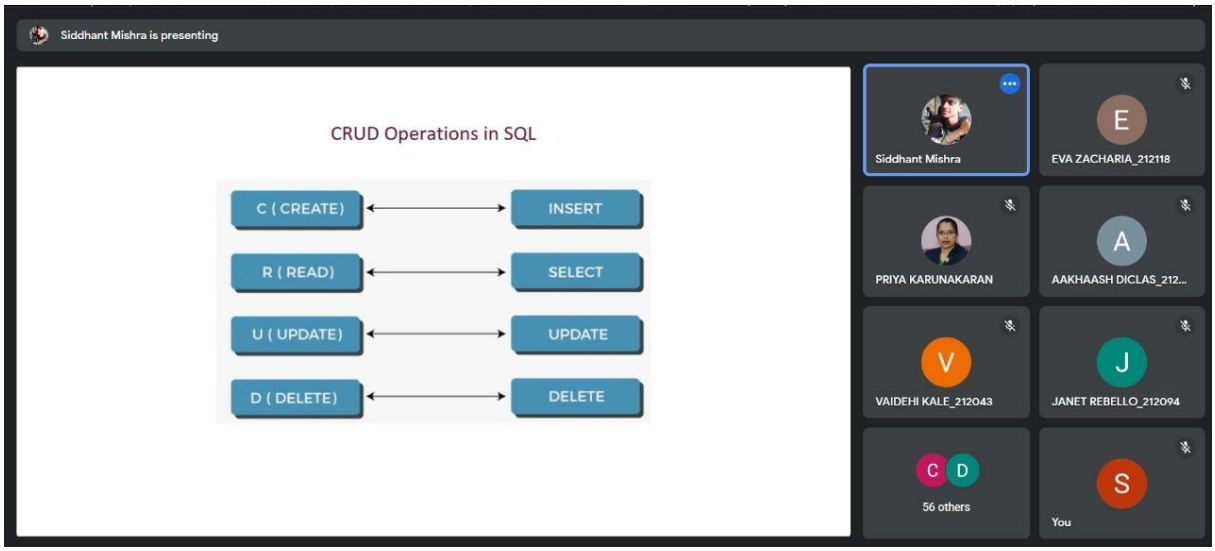

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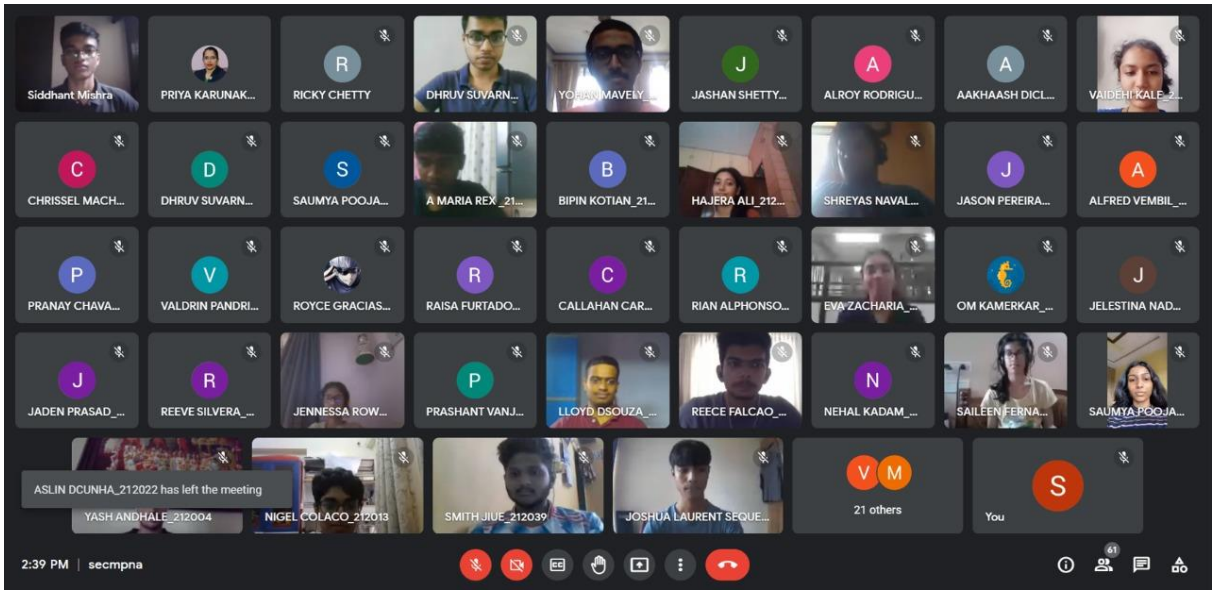

Varsha Nagpurkar and K. Priya Karunakaran — Workshop In-charge

Dr.Kavita Sonawane — HOD,CMPN