COMPETITIVE PROGRAMMING CLUB

Coding task on MVC Architecture

INFORMATION AND COMMUNICATION TECHNOLOGY

FACULTY OF TECHNOLOGY MARWADI UNIVERSITY, RAJKOT

1. Introduction:

The coding task on MVC Architecture was conducted on 13th January 2023. The session aimed to provide hands-on experience in implementing the Model-View-Controller (MVC) design pattern, a widely used architectural pattern in software development. The event was held in MA115 and engaged students in practical coding exercises.

2. Event Overview:

The session covered the following key aspects:

1. Introduction to MVC Architecture and its importance.
2. Explanation of the roles of Model, View, and Controller in software development.
3. Hands-on coding exercises to implement MVC in various programming languages.
4. Debugging and optimizing MVC-based applications.
5. Best practices and real-world applications of MVC.
6. Interactive Q&A session to address doubts and provide further guidance.

3. Attendance and Participants:

The event had a total of **13 students** in attendance, all of whom actively participated in coding tasks and discussions. The engagement and problem-solving approach demonstrated by students contributed to the success of the session.

4. Achievements and Outcomes:

1. **Understanding of MVC Architecture:** Students gained a solid understanding of MVC principles and its application in software development.
2. **Practical Implementation Skills:** Participants successfully implemented MVC concepts in coding tasks.
3. **Debugging and Optimization:** Students learned how to debug and optimize applications following the MVC pattern.
4. **Confidence in Using MVC:** The session boosted students' confidence in applying MVC to their projects.

5. Challenges:

1. **Time Constraints:** Covering all essential aspects of MVC within the allocated time was challenging.
2. **Diverse Skill Levels:** Some students required additional guidance, while others sought advanced challenges.
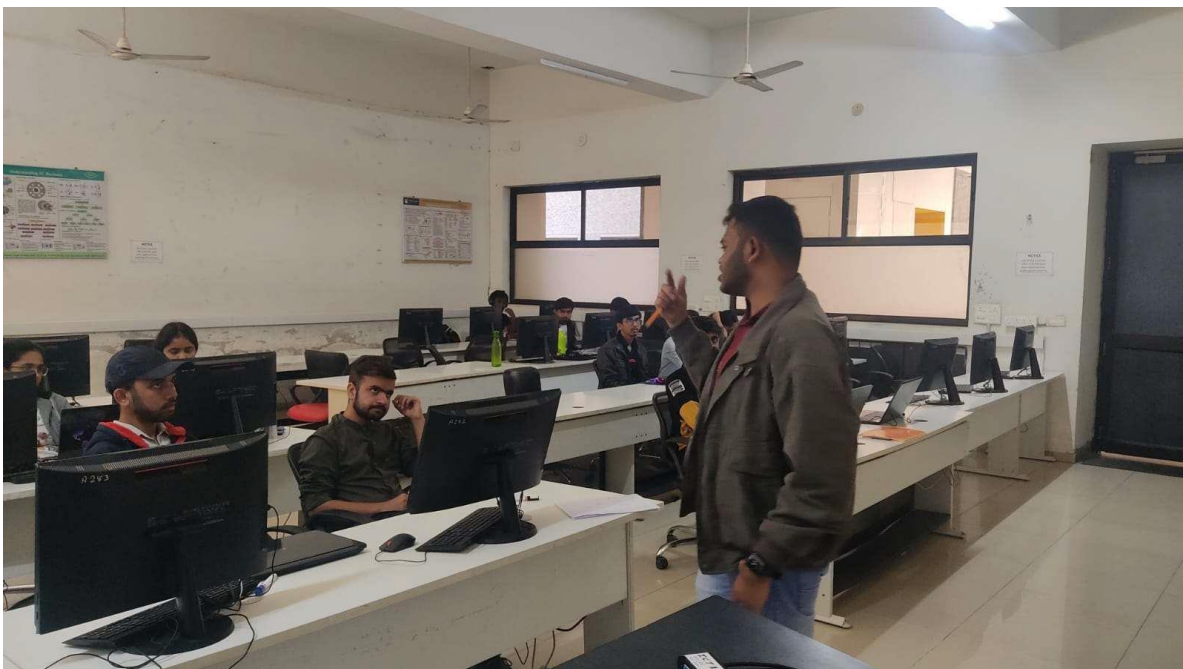
6. Feedback and Evaluation:

The session received positive feedback, with students appreciating the hands-on approach, real-world applications, and structured problem-solving exercises. Many requested more advanced sessions on design patterns and software architecture.

7. Conclusion:

The Coding Task on MVC Architecture held on 13th January 2023 successfully provided students with practical experience in implementing the MVC pattern. Despite minor challenges, the event effectively met its objectives, equipping students with valuable coding skills and reinforcing their understanding of software architecture.

8. Attachment

9. Attendance:

Participant Name
Meet Butani
Dahra Koriya
Niva Rathod
Rutik Parmar
Ankit Raj
Mayurdhvajsinh Jadeja
Pratham Buddhadev
Dhanrajsinh Parmar
Pushti Depani
Dhruvi Dobariya
Vasu Bhalodi
Tapan Khokhariya
Binti Bhatt

Club Name: Competitive programming   **Date:** 13/11/23

Event Name: Coding task on MVC architecture

How would you rate the overall event experience?(Select one)

( ) Poor
( ) Average
(✓) Good
( ) Very Good
( ) Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

( )Highly Satisfied
( )Satisfied
(✓)Neutral
( )Dissatisfied
( )Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

( ) Highly Satisfied
( ) Satisfied
(✓)Neutral
( ) Dissatisfied
( ) Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

( )Extremely Relevant
( ) Sightly Relevant
(✓)Neutral
( )Slightly Relevant
( )Not relevant at all

Any Other comments that you would like to mention?

Session was nicely conducted enjoyed alot.

Club Name: Competitive Programming **Date:** 13/1/23

Event Name: Coding task on MVC Architecture

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( ) Extremely Relevant
( ) Sightly Relevant
( ) Neutral
( ) Slightly Relevant
( ) Not relevant at all

Any Other comments that you would like to mention?

Flow of Execution was good, but the discipline of class too can get Better

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Any Other comments that you would like to mention?

It was really interesting and I had a really
great experience.

Club Name: _Competetive Programming_   Date: _13|1|23_

Event Name: _Coding task on MVC Architecture_

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( ) Neutral
(✓)Slightly Relevant
( )Not relevant at all

Any Other comments that you would like to mention?

The event was fun to attend. The pace
was a bit fast so got confused
a little but otherwise good