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| **FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)** | | |
| **DEPARTMENT OF COMPUTER APPLICATIONS** | | |
| **MAIN PROJECT**  **SCRUM BOOK** | | |
| **Name of the Student: MOHAMMED RIZWAN P S** | **Roll No:20** | **Batch:B** |
| **Email ID: mohammedrizwanps@gmail.com**  **Name of the Guide: DR DEEPA MARY MATHEWS** |  | |
| **Name of the Scrum Master: MS JOICE T**  **Project Title: PATH2CAREER**  **GitHub ID:** [**https://github.com/riz2001**](https://github.com/riz2001) | | |

**Sprint Release 3:**

**Date:7-2-2024**

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| **Description of Work:** |
| For Sprint 3 of my MERN stack project, which is designed to help students in my college prepare for placements, I focused on implementing essential features to enhance the user experience and functionality. I developed a **sign-in module** that allows both students and admins to securely log in to the platform, ensuring proper access control. A major milestone in this sprint was the **quiz module**, where students can attempt aptitude quizzes with a built-in timer that automatically submits their responses once the time runs out, preventing any manual delays. This feature ensures a fair and structured assessment process. Additionally, I integrated an **admin dashboard** that enables department-wise admins to monitor student participation, allowing them to track whether students have completed the quiz or not. This helps in assessing engagement levels and encouraging students to stay consistent with their preparation. These enhancements not only make the platform more interactive and efficient but also move it closer to becoming a comprehensive solution for placement preparation, covering key areas like aptitude, coding, and AI-driven mock interviews. |
| **Remarks:** |

**Name and Signature of the Guide Name and Signature of the Scrum Master**

**Sprint Release 4:**

**Date:23-2-2025**

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| **Description of Work:** |
| For Sprint 4 of my MERN stack project, I focused on developing the AI Mock Interview Module, an advanced feature aimed at helping students prepare for real-world placement interviews. This module enables admins to create AI-powered mock interviews, providing students with an interactive and realistic interview experience. During the mock interview, the system captures images of students at intervals to analyze their facial expressions, helping to detect signs of stress or depression. Each expression is evaluated, and corresponding scores are assigned based on the student’s performance and emotional state. Additionally, department-wise admins can track student participation, monitor their scores, and assess whether they have completed the mock interview. This feature enhances the platform by integrating AI-driven insights into student readiness, making placement preparation more effective and personalized. |
| **Remarks:** |

**Name and Signature of the Guide Name and Signature of the Scrum Master**

**Date:**

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| **DETAILS OF VERSIONS** |
| **GitHub Repository:** [**riz2001/Path2Career**](https://github.com/riz2001/Path2Career)  **Version:** 1.0.0 - Initial Release **Sprint Time:** Sprint 1 (2 weeks)  **Push Description:**  Initialized project topic and obtained approval – Selected "Path2Career: A Comprehensive Placement Preparation Platform" as the project topic, addressing aptitude and coding practice, AI-driven mock interviews, and student performance tracking. Presented the idea to the project guide, received approval, and planned research on existing placement preparation platforms for the next sprint.  **Features:**   * **Aptitude & Coding Practice** * **Job Alerts & Application Tracking** * **AI-Based Mock Interview System** * **Real-Time Performance Tracking** |

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