

**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>**

**Sprint Release 1:****Date:10-1-2024****Description of Work:**

The first sprint of the Path2Career project focused on selecting a topic that addresses real-world challenges and aligns with technological feasibility. After evaluating multiple ideas, the team finalized the development of a placement preparation platform for college students. The topic was carefully chosen to tackle key issues in job registration, aptitude and coding practice, AI-driven mock interviews, and performance tracking.

Following the topic selection, the idea was presented to the project guide, who approved it based on its relevance and potential impact in improving placement readiness. Placement preparation is a crucial aspect of a student's career journey, and having a structured platform ensures better skill development, interview readiness, and job opportunities. The proposed system will streamline test management, track student progress, and provide AI-generated feedback for interviews, making the process more efficient and data-driven.

With the topic approved, the next sprint will focus on analyzing existing placement preparation platforms, identifying key features, and exploring areas for improvement. The development of Path2Career aligns with the goal of leveraging technology to create a structured, all-in-one placement preparation solution that benefits both students and administrators

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

**Sprint Release 2:****Date:17-1-2025****Description of Work:**

In Sprint 2, focused on two main tasks: reviewing research papers and conducting a system study on online placement preparation platforms. These activities were aimed at gaining insights into current trends, challenges, and advancements in placement training solutions.

The research paper review involved studying several scholarly articles that provided valuable insights into job registration, aptitude and coding assessments, AI-driven mock interviews, and performance tracking. The key papers reviewed included:

- Shanmugam, P and Lenka, Janhavi and Suhail, M Yousuf, Enhancing Student Placement Preparation Through Web Application (May 20, 2024).
- Praveenkumar G, Tanish N, Tharun J, Umadevi G,PATHWAYS TO SUCCESS: PLACEMENT PLATFORM

Simultaneously, the system study examined how existing placement preparation platforms function. The study explored various aspects, including job registration, test scheduling, AI-based interview simulations, and performance analytics. It revealed that most platforms provide self-paced learning but lack structured college-level integration. Some systems also incorporate leaderboards, real-time feedback, and peer collaboration tools.

The study identified several challenges, including a lack of college-specific test content, limited AI-driven interview assistance, and the absence of centralized performance tracking. The insights gained from both the research papers and system study will be critical in designing a robust and efficient Path2Career platform that addresses these challenges while incorporating best practices from existing solutions.

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

Date:

DETAILS OF VERSIONS

**GitHub Repository:** [riz2001/Path2Career](#)

**Version:** 1.0.0 - Initial Release

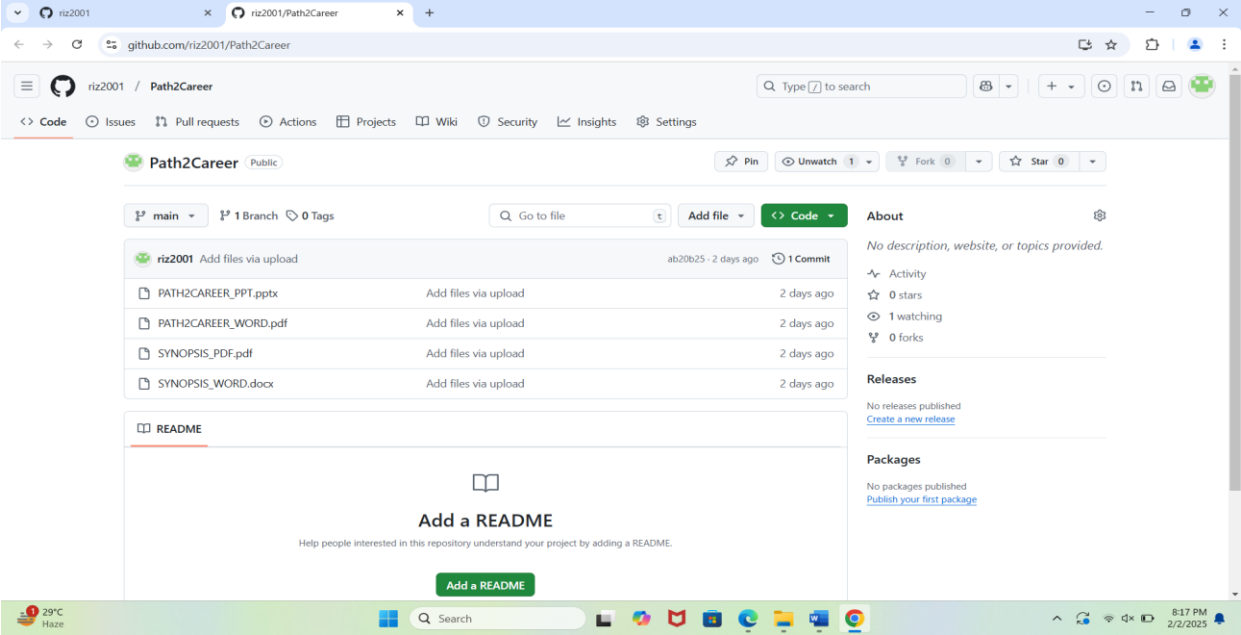
**Sprint Time:** Sprint 1 (2 weeks)

**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**



Name and Signature of the Guide

Name and Signature of the Scrum Master