|  |  |  |
| --- | --- | --- |
| **FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)** | | |
| **DEPARTMENT OF COMPUTER APPLICATIONS** | | |
| **MAIN PROJECT**  **SCRUM BOOK** | | |
| **Name of the Student: JOPHINE PAUL C** | **Roll No:8** | **Batch:B** |
| **Email ID: jophinepaul@gmail.com**  **Name of the Guide: MS MANJU JOY** |  | |
| **Name of the Scrum Master: MS ROSE MARY MATHEW**  **Project Title: FUND WISE**  **GitHub ID:** [**https://github.com/Jophine07**](https://github.com/Jophine07) | | |

**Sprint Release 1:**

**Date:10-1-2024**

|  |
| --- |
| **Description of Work:** |
| FundWise is an advanced crowdfunding platform designed using the MERN (MongoDB, Express.js, React.js, Node.js) stack, integrated with Machine Learning to enhance the funding experience for both project creators and investors. The platform allows users to post projects seeking financial support while leveraging AI to analyze project viability and recommend suitable investments.  The development of FundWise began with implementing a secure user authentication system using JWT, ensuring role-based access for project creators and investors. The frontend, built with React.js, provides a user-friendly interface for project submission, allowing users to enter details such as project title, category, funding goals, and images. These projects are stored in MongoDB and managed via Express.js and Node.js on the backend.  One of the core features of FundWise is its Machine Learning-driven project scoring module. This module analyzes project descriptions, funding goals, and past trends to estimate the likelihood of success. The AI model developed using Python with frameworks like Flask and Scikit-learn/TensorFlow, provides project creators with suggestions to improve their campaigns, such as refining descriptions, adjusting goals, and adding engaging images. |
| **Remarks:** |

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

**Sprint Release 2:**

**Date:17-1-2025**

|  |
| --- |
| **Description of Work:** |
| To enhance the investor experience, FundWise incorporates a recommendation system that personalizes project suggestions based on user preferences, past investments, and popular trends. The recommendation engine, utilizing collaborative and content-based filtering techniques, helps investors discover projects aligned with their interests. Additionally, an AI-powered fraud detection system analyzes investment patterns to identify suspicious activity, ensuring a secure and trustworthy crowdfunding environment.  By integrating modern web technologies with AI capabilities, FundWise creates a seamless and intelligent crowdfunding experience. The platform not only connects project creators with potential investors but also empowers them with data-driven insights, ultimately increasing the chances of successful funding. |
| **Remarks:** |

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

**Date:**

|  |
| --- |
| **DETAILS OF VERSIONS** |
| **GitHub Repository:** [**https://github.com/Jophine07/Main\_project**](https://github.com/Jophine07/Main_project)  **Version:** 1.0.0 - Initial Release **Sprint Time:** Sprint 1 (2 weeks)  **Push Description:**  Initialized project topic and obtained approval – Selected **"FundWise: An Intelligent Crowdfunding Platform"** as the project topic, focusing on AI-driven project recommendations, fraud detection, and data-driven investment insights. Presented the idea to the project guide, received approval, and planned research on existing crowdfunding platforms for the next sprint.  **Features:**   * **AI-Driven Project Scoring** * **Fraud Detection System** * **Gamification & Engagement** * **Payment Integration** |

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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |