

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)



Hormis Nagar, Mookkannoor PO, Angamaly, Kochi
Accredited by NAAC with 'A+' Grade

DEPARTMENT OF COMPUTER APPLICATIONS

SYNOPSIS OF THE MAIN PROJECT

Name of the Student	Bhagyalekshmi Ajith
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Name of Project Guide	Dr. Shidha M V
Date of Submission	12/02/2024
Project Title	Analytics driven decision making
Area of the Project	1. Operational analysis of the organisation 2. Analytics driven fund management
GitHub ID	BhagyalekshmiAjith

Description of Project:

The project aims to conduct an operational analysis of the organization, focusing on key activities such as loan sanctioning, disbursement, and recovery. Through the implementation of analytics-driven fund management, the project seeks to provide management with comprehensive dashboards for deeper insights into operational processes. These dashboards will leverage data points collected throughout the loan account lifecycle to derive valuable inferences, enhancing existing processes and aiding in the achievement of organizational targets. Integrated with the loan management system of KFC, access to the application will be restricted to top management, ensuring data security. The project will feature role-based access management through REST API integration, facilitating secure access control. Additionally, it will include the development of department-specific dashboards and backend services exposed as REST APIs using Spring Boot. Front-end development will utilize either Spring MVC or Angular, depending on the expertise of the team. Oracle will serve as the project's database management system. Overall, the project aims to streamline operational activities, improve decision-making processes, and optimize fund management through advanced analytics and secure, user-friendly technology solutions.

Front End & Back End Tools

Spring MVC or angular for the UI and Spring boot as backend