



Team - SPARK SQUARD

Ministry/Organization Name/Student Innovation:

- Ministry of Education's Innovation Cell (MIC)

PS Code:

- 1588

Problem Statement Title:

- Student Innovation

Team Name:

- SPARK SQUARD

Team Leader Name:

- Devanshu Raj

Institute Name:

- Netaji Subhas University of Technology

Theme Name:

- Miscellaneous

Team members:

- Simran
- Keshav
- Vishal
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Problem

The Hidden Risks in Financial Operations

Challenges in the Credit Market

High transaction volumes and regulatory pressures exacerbate vulnerabilities, leading to increased exposure to operational risks.

Operational Risks in Finance

Financial institutions face operational risks such as process failures, fraud, and regulatory breaches, impacting their profitability and reputation.

Current Gaps

Existing risk management approaches are often reactive and fragmented, resulting in inefficiencies and increased risk exposure



Proposed Solution

RiskPulse 2.0: A **New Approach** to Risk Management

1

Predictive Analytics

Proactively identify and mitigate risks before they escalate by leveraging predictive analytics to analyze historical data and identify patterns.

2

Integrated Risk Assessment

Gain a comprehensive view of potential risks by integrating data from various sources to create a holistic picture of potential threats.

3

Credit Market Focus

Tailored solutions specifically address the unique operational challenges faced by credit institutions.



What Makes RiskPulse 2.0 Stand Out

1

Proactive Risk Mitigation

Transition from reactive to predictive risk management, allowing for early intervention and preventing costly consequences.

2

Credit Market Focus

Designed specifically for the unique challenges of the credit market, providing targeted insights and solutions.

3

User-Friendly Design

Intuitive interface simplifies complex risk data, making it accessible to decision-makers for informed decisions.



Building a **Sustainable** Business Model

1

Subscription Service

Offer tiered subscription plans to cater to the needs of different financial institutions.

2

Consulting & Support

Provide implementation assistance and expert consulting services to ensure successful adoption.

3

Value Proposition

Help institutions reduce operational costs by preventing risk-related losses, ultimately boosting profitability



Flexible and Scalable Business Model

1

Freemium Approach

Offer a free basic tier for smaller institutions, providing access to essential risk management tools.

2

Premium Tier

Provide access to advanced features for a paid subscription, catering to larger institutions with more complex needs

3

Enterprise Solutions

Offer tailored packages for large financial institutions, including bespoke features and dedicated support

4

Data Monetization

Generate revenue by selling anonymized risk data and insights to third parties like analysts and research firms.

5

Partnerships & Integrations

Provide API access for integration with other financial systems, with usage-based pricing, and collaborate with consulting firms to offer bundled services.