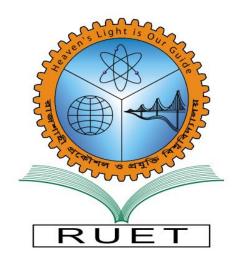Heaven's Light is Our Guide

Rajshahi University of Engineering & Technology

Department of Computer Science & Engineering

CSE 2100 – Software Development Project I

Project Proposal

Submitted by

Fabliha Naowar Nizam

Deya

Roll: 2203057

Section: A

Series: 22

Submitted to

Rizoan Toufiq

Assistant Professor

Computer Science & Engineering

Rajshahi University of Engineering &

Technology, Rajshahi

Project Title: Personal Finance Tracker

With Increasing expenses and the need for savings, it can be often be difficult to keep track of spending and ensure that we are on track to meet our financial goals. This is where an expanse tracker comes in. It allows individuals to easily record their daily expenses and help us to ensure we are meeting our financial goals. It offers real-time insights into spending habits and alerting users when they are at risk of overspending or falling into debt.

Objectives

1. Creating a user friendly to help users track and manage their daily expenses and savings efficiently.

2. Display financial summaries and budget status.

3.Provide real-time insights and alerts to help users avoid overspending or falling into debt.

4.Using swing-based interface to create visually appealing experience

5.Allow secure user login and data management.

Scope of Work

1.Expense tracking with categorization.

2.Swing-Based GUI for an intuitive user interface

3.Secure login and registration for user account

4.Data persistence to save user data securely

Technical Requirements:

Target Platform: Windows

Programming Language: JAVA/ others

Cross-Platform capability: NO

Risks:

Potential risks include security vulnerabilities and user adoption challenges

Conclusion:

Many individuals struggle with tracking their daily expenses and savings, often leading to financial stress. It has become crucial especially for students and young professionals. This project provides solution by offering an easy-to-use expense tracker that helps users stay on top of their financial health.