

PL/SQL PROJECT PROPOSAL

Topic: Database for Credit Card System

Summary:

For PL/SQL oracle project I wanted to provide easy-to-use Payment interface for both user and merchant to easy the process of bill payments and managing transactions.

Unlike traditional commerce that is carried out physically with effort of person to go and pay bills to respective merchants, Credit cards have made it easier for human to reduce physical work and to save time. The main advantage of credit card over traditional cash is that the user can pay bills from anywhere with just a few details of information.

Secure registration and profile management facilities for users which helps the user to keep track of their credit score and their expenses.

A backend database to store bill, payments and credit data along with all operations required.

Providing users with a better way to track their expenses along with lending option. Integrating our system with bill generating systems of major merchants to get all the users bills in one place.

This way users can track expenses, set an expense alarm and also stop worrying about the expenditures while they are out spending money. Our aim is to make users realize about their financial state and give them insights on how to spend more wisely.

Entities:

Tables

- User
- Address
- Transaction
- Bills
- Credit Wallet
- Signup Login
- Merchant

PL/SQL Collections: Implementing

- PL/SQL Tables
- VARRAYS