

ABSTRACT

Risk Management can be defined as a systematic process for identifying, analysing and controlling risks in projects or organizations. Risk is an entity that appears in all software projects. These risks arise when there are constraints to creating high quality software within a definite time. Therefore, to make sure a project successful we require managing specific IT risks related to our software projects, as timing, budget, quality, market situation, or even a small error can ruin the whole software project. We analyse risks in an online recharge system, consequently enhancing the usability. The current system, An OR (Online Recharge) system facilitates the acceptance of electronic payment for online transactions. Currently the existing online recharge system poses the risk of our credit/debit card details being hacked or misused.

This project aims at implementing a system that minimizes the risk by avoiding the use of credit/debit cards for payments. In the proposed system, we automate the recharge process using digital wallet. The automation is done when a certain threshold is reached.

There are 2 types of threshold

- Time based
- Volume based

When either of the thresholds is exceeded, the recharge is done automatically by deducting the amount from the digital wallet which is linked with the user's bank account by using his registered mobile no. i.e., using UPI.

Keywords: Risk Management, Online recharge system, Online transactions, UPI.