Abstract

Title: Bank Management System

This report serves as the groundwork for our final project in the **BSc in Computer Science** program, titled "**Bank Management System: Developing an Integrated Banking Solution**," under the supervision of **Mr. Kabiratna Behera**. The primary objective is to conduct a comprehensive analysis of the banking sector, focusing on opportunities and prerequisites for constructing a successful bank management system. We conducted an extensive literature review encompassing technical, business, and social dimensions of modern banking practices to inform our strategic focus.

We examined success and failure factors in banking, comparing development methodologies to leverage strengths and avoid pitfalls. Our methodology outlines project objectives, goals, and research on system evaluation, market analysis, and suitable business models. The bank management system prioritizes security using **PHP**, **MySQL**, while minimizing code complexity for reliability and performance.

This report lays the foundation for developing a sophisticated bank management system meeting the evolving needs of the financial industry, prioritising **security, reliability, and efficiency**.

Software Requirements:

HTML, CSS, JAVASCRIPT, PHP, MySQL, WEB Browser, VSCode

Hardware Requirements:

- **Processor: INTEL Pentium IV or Above**
- **DRAM:4GB or Above**
- **HDD: 256GB or Above**

G. Bal Gopal (6021B032)
Sourav Das (6021B020)
Deepankar Singha (6021B018)
Kiran Kumar Murmu (6021B023)