 

# INSTITUTE FOR ADVANCED COMPUTING ANDSOFTWARE DEVELOPMENT (IACSD), AKURDI, PUNE

Documentation On

Digital Wallet

PG-DAC September 2023

**Submitted By:**

**Group No: 63**

**Roll No. Name:**

**239109 Vaibhav Deshmane**

**239227 Vinit Sarode**

**Mrs. Geeta Darunte Mr. Rohit Puranik**

**Project Guide Centre Coordinator**

## ABSTRACT

This project is a web-based digital wallet system for transacting the digital currency. The project objective is to deliver the online transactions across internet through a web platform.

The service is designed to be secure and convenient. Users' personal credentials and financial data are encrypted and stored in secure database. The service is expected to benefit both businesses and consumers. Businesses will be able to transact easily and increase their sales. Consumers will be able to shop more conveniently and securely.

The service is still under development, but it has the potential to revolutionize the way we transact digital currency. The "Digital Wallet" project is modeled after popular platforms like Paytm. This digital wallet solution aims to provide users with a convenient and secure way to manage their financial transactions. Users can effortlessly load funds into their digital wallets, send money to other users, and withdraw funds as needed. The project's core features are designed to replicate the ease and accessibility of existing digital wallet services, offering a user-friendly solution for modern financial needs.

## ACKNOWLEDGEMENT

I take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. I extend my sincere and heartfelt thanks to our esteemed guide, **Mrs. Geeta Garunte** for providing me with the right guidance and advice at the crucial juncture sand for showing me the right way. I extend my sincere thanks to our respected **Centre Co-Ordinator Mr. Rohit Puranik Sir**, for allowing us to use the facilities available. I would like to thank the other faculty members also, at this occasion. Last but not the least, I would like to thank my friends and family for the support and encouragement they have given me during the course of our work.

**Vaibhav Deshmane (239109)**

**Vinit Sarode (239227)**

**Table of Contents**

[ABSTRACT](#_bookmark0) 1

[ACKNOWLEDGEMENT](#_bookmark1) 2

[INTRODUCTION](#_bookmark2) 6

[FEATURES](#_bookmark3) 6

* 1. [PROJECT OBJECTIVE](#_bookmark4) 7
  2. [PROJECT OVERVIEW](#_bookmark5) 7
  3. [PROJECT SCOPE](#_bookmark6) 8
  4. [STUDY OF THE SYSTEM](#_bookmark7) 8
     1. [MODULES](#_bookmark8) 8

[SYSTEM ANALYSIS 1](#_bookmark9)6

* 1. [EXISTING SYSTEM 1](#_bookmark10)6
  2. [PROPOSED SYSTEM 1](#_bookmark11)6
  3. [SYSTEM REQUIREMENT SPECIFICATION 1](#_bookmark12)6
     1. [GENERAL DESCRIPTION 1](#_bookmark13)6
     2. SYSTEM OBJECTIVES 17
     3. SYSTEM REQUIREMENTS 17

[SYSTEM DESIGN 19](#_TOC_250010)

* 1. [INPUT AND OUTPUT DESIGN 19](#_TOC_250009)
     1. INPUT DESIGN 19
     2. OUTPUT DESIGN 19

[DATABASE DESIGN 21](#_TOC_250008)

* 1. [DATABASE 21](#_TOC_250007)
  2. [SYSTEM TOOLS 21](#_TOC_250006)
     1. [FRONT END 21](#_TOC_250005)
     2. [BACKEND 21](#_TOC_250004)

1. [LEVEL DFD 2](#_bookmark14)2
2. [LEVEL DFD FOR SECRETARY 2](#_bookmark14)3
3. LEVEL DFD FOR FLAT OWNER 24
4. LEVEL DFD FOR SECURITY GUARD 25

E-R DIAGRAM 26

[CLASS DIAGRAM 27](#_TOC_250003)

[TABLE STRUCTURE 28](#_TOC_250002)

[PROJECT DIAGRAMS](#_bookmark15) 29

[CONCLUSION 50](#_TOC_250001)

[REFERENCES 51](#_TOC_250000)

## LIST OF FIGURES

**FIGURE 1: CUSTOMER ACTIVITY DIAGRAM 11**

**FIGURE 2: ADMIN ACTIVITY DIAGRAM 13**

**FIGURE 4: 0 LEVEL DFD 23**

**FIGURE 5: CUSTOMER DATA FLOW DIAGRAM 24**

**FIGURE 6: ADMIN DATA FLOW DIAGRAM 25**

**FIGURE 8: E-R DIAGRAM 27**

**FIGURE 9: CLASS DIAGRAM 28**

**FIGURE 10: TABLE STRUCTURE 29**

**FIGURE 11: PROJECT DIAGRAMS 32**