



INCANDESCENT BUSINESS MANAGEMENT SYSTEM

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PROJECT INTRODUCTION

The Incandescent Business Management System (BMS) is a comprehensive software solution designed to streamline and enhance the management of various business operations. The project encompasses two primary components: Dashboard 1 (Super Admin) and Dashboard 2 (Admin), each serving distinct roles within the system. Additionally, the system utilizes two databases: Employee Database and Customer Database, to efficiently store and manage essential business data.

COMPONENTS

1. Dashboard 1 (Super Admin):

ROLE:

SUPER ADMIN HOLDS FULL ADMINISTRATIVE RIGHTS AND AUTHORITY WITHIN THE SYSTEM.

FUNCTIONALITY:

CREATION AND MANAGEMENT OF DASHBOARD 2 ACCOUNTS (ADMINS).
DEVELOPMENT AND CUSTOMIZATION OF ADMIN DASHBOARDS FOR SPECIFIC BUSINESS NEEDS.
ACCESS TO ALL SYSTEM FEATURES, DATABASES, AND CONFIGURATION SETTINGS.
OVERSIGHT OF THE ENTIRE BMS PLATFORM.

2. Dashboard 2 (Admin):

ROLE:

ADMIN USERS HAVE RESTRICTED ACCESS AND SPECIFIC RESPONSIBILITIES WITHIN THE SYSTEM.

FUNCTIONALITY:

LIMITED ACCESS TO SYSTEM FEATURES AND DATABASES.
EXECUTION OF TASKS AND OPERATIONS RELATED TO THEIR ASSIGNED ROLES.
INTERACTION WITH DATA STORED IN THE EMPLOYEE AND CUSTOMER DATABASES.
DEPENDENCE ON DASHBOARD 1 (SUPER ADMIN) FOR DASHBOARD CREATION AND CUSTOMIZATION.

3. DATABASES:

Employee Database:

Stores and manages employee-related information, including profiles, roles, and performance data.

Supports HR and personnel management functions.

Customer Database:

Customer information, including profiles, purchase history, and contact details.

Supports customer relationship management (CRM) and sales-related activities.

PROJECT SCOPE & OBJECTIVES

PROJECT OBJECTIVES:

EFFICIENCY IMPROVEMENT: TO ENHANCE THE EFFICIENCY OF BUSINESS OPERATIONS BY PROVIDING A CENTRALIZED PLATFORM FOR DATA MANAGEMENT AND TASK EXECUTION.

ACCESS CONTROL: TO ESTABLISH CLEAR ACCESS CONTROLS, WHERE SUPER ADMIN HAS FULL RIGHTS AND ADMINS HAVE RESTRICTED RIGHTS, ENSURING DATA SECURITY AND PRIVACY.

CUSTOMIZATION: TO ENABLE SUPER ADMIN TO CREATE AND CUSTOMIZE ADMIN DASHBOARDS ACCORDING TO SPECIFIC BUSINESS REQUIREMENTS.

PROJECT SCOPE:

THE PROJECT SCOPE ENCOMPASSES THE DEVELOPMENT AND DEPLOYMENT OF THE INCANDESCENT BUSINESS MANAGEMENT SYSTEM (IBMS), INCLUDING:

- DESIGN AND IMPLEMENTATION OF DASHBOARD 1 (SUPER ADMIN) WITH FULL FUNCTIONALITY.
- DESIGN AND IMPLEMENTATION OF DASHBOARD 2 (ADMIN) WITH RESTRICTED ACCESS.
- INTEGRATION OF EMPLOYEE AND CUSTOMER DATABASES FOR DATA STORAGE AND RETRIEVAL.
- USER TRAINING AND DOCUMENTATION.
- ONGOING MAINTENANCE AND SUPPORT.

OUR TEAM AND ROLE



REVATHI SELVARAJ

FULL STACK DEVELOPER



SUBASH ALAGESAN

FRONT END DEVELOPER



SANTHOSH

FRONT END DEVELOPER

PROJECT TIMELINE

- Phase 1: Project Planning (2 days)
- Phase 2: Front-End Development (2 weeks)
- Phase 3: Back-End Development (2 weeks)
- Phase 4: Database Setup and Integration (2 Days)
- Phase 5: Testing and Quality Assurance (2 Days)
- Phase 6: Documentation and Training (2 Days)
- Phase 7: Deployment (1 week)

TOOLS

FRONT END

HTML

CSS

REACT JS

BACK END

NODE JS

EXPRESS JS

DATABASE

MY SQL

CONCLUSION

- PROJECT MANAGEMENT IS THE PRIMARY TOOL FOR EXECUTING THE BUSINESS PLAN, INSTALLING THE BUSINESSES PROCESSES, AND ACHIEVING THE STRATEGIC AMBITIONS OF THE ENTREPRENEUR.
- PROJECT MANAGEMENT HELPS TO DETAIL WHAT TASKS WILL BE ACCOMPLISHED, WHO WILL BE INVOLVED IN COMPLETING THE TASKS, AND WHEN TASKS SHOULD START AND FINISH.
- TYPICALLY, PROJECTS PROGRESS IN STEPS OR INCREMENTAL STAGES; HOWEVER, OTHER APPROACHES FOR RAPID, INTERACTIVE PROJECT MANAGEMENT ARE ALSO WIDELY USED.
- SEVERAL TOOLS CAN BE USED TO MANAGE THE PROJECT AND COMMUNICATE TIMING AND STATUS, INCLUDING TASK DIARIES, WBSS, AND GANTT CHARTS.