PROPOSAL
Project Management System

BUILDING & CONSTRUCTION

Prepared For

ABC Construction PVT(LTD) company

Outline

ABOUT SYSTEM:

A project management system is a digital tool designed to help individuals and teams efficiently plan, execute, and track the progress of projects. It provides a centralized platform where users can define project goals, allocate tasks, set deadlines, assign responsibilities, and monitor the overall project timeline. This system facilitates collaboration by allowing team members to communicate, share files, and update their progress in real time. Additionally, it offers features such as milestone tracking, resource management, and reporting to ensure projects are completed on time and within scope.
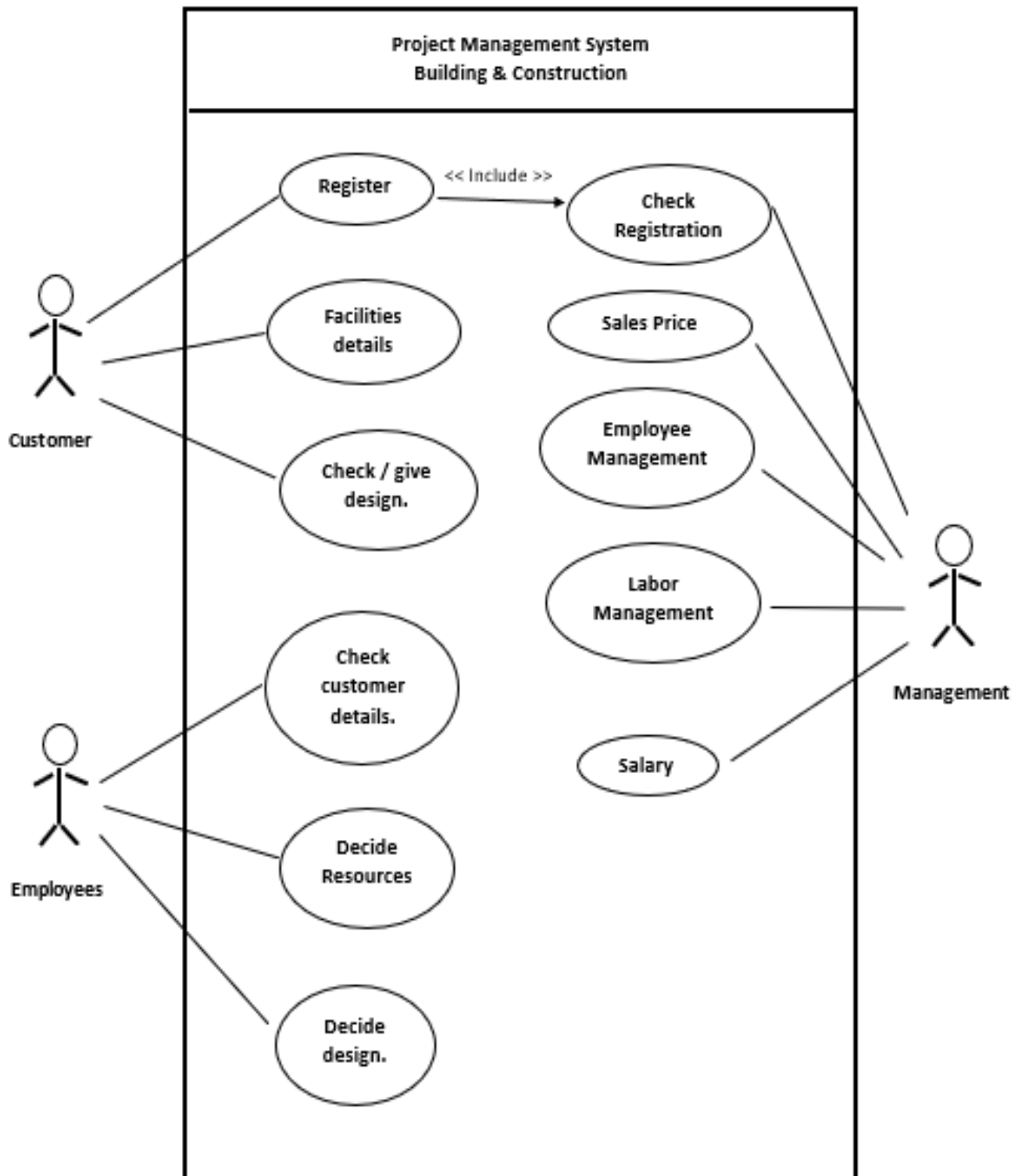
TOOLS:

Visual Studio

Microsoft SQL Server

C# language

.net framework

Initial Plan

Project Management System
Building & Construction

Register — << Include >> → Check Registration

Facilities details

Check / give design.

Sales Price

Employee Management

Labor Management

Salary

Customer

Check customer details.

Decide Resources

Decide design.

Employees

Management

Goals & Objective

Design and Planning:

Develop software tools to assist architects, and engineers in designing structures, creating blueprints, and planning construction projects efficiently.

Project Management:

Build applications for project managers to track progress, allocate resources, and manage budgets effectively.

Material Management:

Create a system for managing construction materials, including procurement, inventory, and quality control.

Labor Management:

Develop tools for tracking labor, including scheduling, attendance, and skillset management.

Goals & Objective

Cost Estimation:

Build applications for project managers to
track progress, allocate resources,
and manage budgets effectively.

Resource Optimization:

Develop optimization algorithms to
make efficient use of resources,
minimizing waste and costs.

Cost Estimation:

Build algorithms for accurate cost estimation,
taking into account materials, labor,
and other expenses.

Progress Tracking:

Create systems for real-time tracking of construction
progress, allowing stakeholders to monitor the project remotely.

Safety Compliance:

Implement features to ensure construction sites adhere to safety
regulations and standards.

Thank You ...!!!