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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



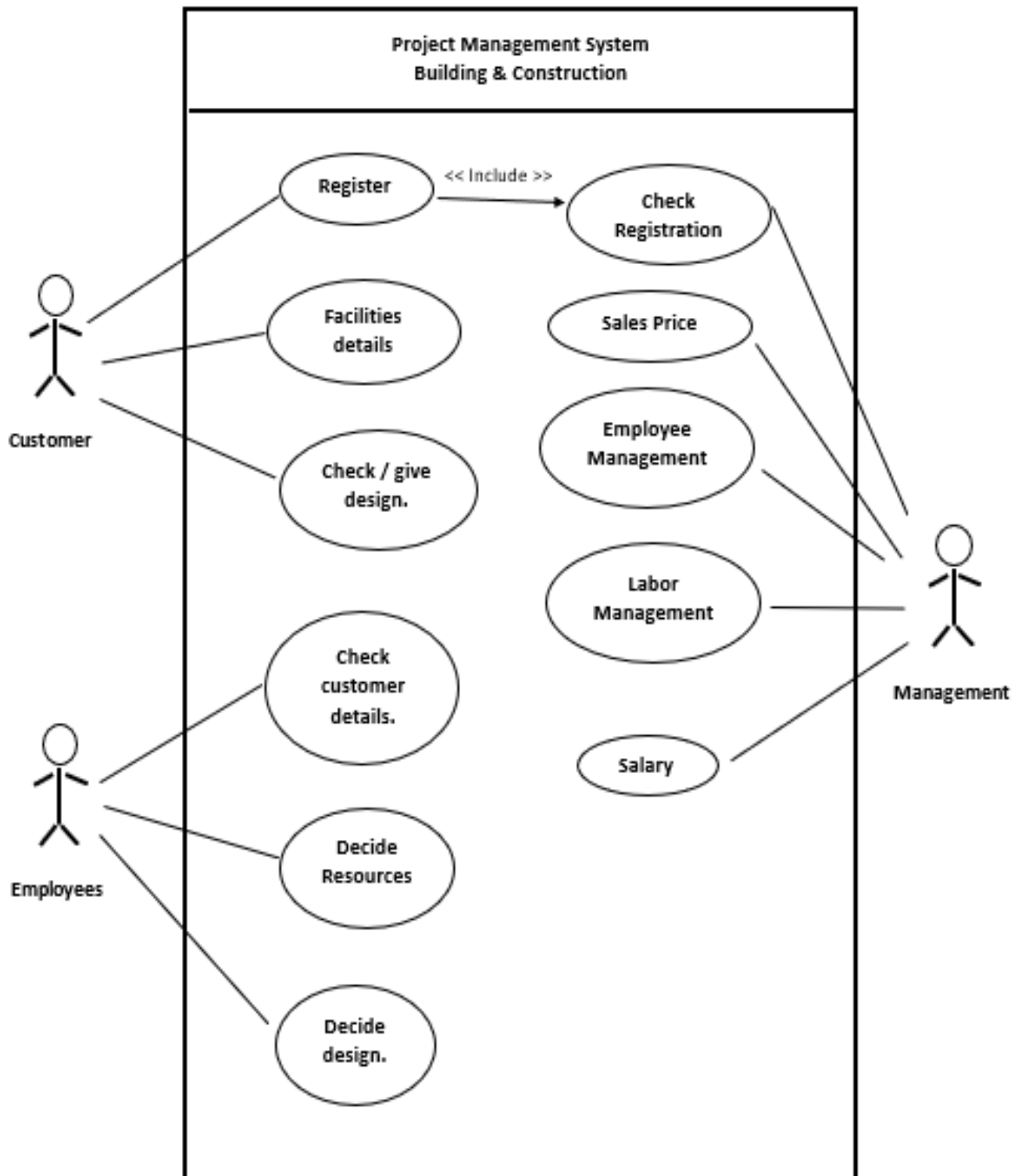
C# language



.net framework



Initial Plan



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.

Group Members

STUDENT NUMBER	NAME	CONTACT NUMBER
PS/2019/137	H.G.H.Eshan	0716048560
PS/2019/265	C.P.K.Wijeratne	0760078842
PS/2019/244	J.M.N.C.Jayamanne	0715686673
PS/2019/225	N.P.K.D.R.S.Gunarathna	0716964666
PS/2019/022	D.H.G.Lahiru	0769279527

Work Allocation

CONTENT	TEAM MEMBER
Task and Assignment	C.P.K.Wijeratne
Labor Management	N.P.K.D.R.S.Gunarathna
Employee Management	D.H.G.Lahiru
Progress Tracking	H.G.H.Eshan
Resource Management	J.M.N.C.Jayamanne



Thank You ...!!!

