



Tribhuvan University
Faculty of Humanities and Social Sciences

“Construct Manager”
A Construction Management System

A Project Report

Submitted to
Department of Computer Application
Divya Gyan College
Kamaladi mod, Kathmandu, Nepal

In partial fulfillment of the requirements for the Bachelors in Computer Application

Submitted by
Manish Kumar Shrestha
January 2024

Under the Supervision of
Mr. Srijan Shah



Tribhuvan University
Faculty of Humanities and Social Sciences
Divya Gyan College

Supervisor's Recommendation

I hereby recommend that this project prepared under my supervision by **Mr. MANISH KUMAR SHRESTHA (Exam Roll no: 75102116)** entitled “**CONSTRUCT MANAGER**” in partial fulfilment of the requirements of BCA IVth (Project-1) for the degree of Bachelor of Computer Application is recommended for the final evaluation.

.....

SIGNATURE

Mr. Srijan Shah

SUPERVISOR

Department of IT

Divya Gyan College

Kamaladi Mod, Kathmandu



Tribhuvan University
Faculty of Humanities and Social Sciences
Divya Gyan College

LETTER OF APPROVAL

This is to certify that this project prepared by **Mr. MANISH KUMAR SHRESTHA (Exam Roll no: 75102116)** entitled “**CONSTRUCT MANAGER**” in partial fulfillment of the requirements for the degree of BCA IVth (Project-1) has been evaluated. In our opinion it is satisfactory in the scope and quality as a project for the required degree.

<p style="text-align: center;">SIGNATURE of Supervisor</p> <p style="text-align: center;">..... Mr. Srijan Shah Supervisor Department of IT Divya Gyan College</p>	<p style="text-align: center;">SIGNATURE of HOD/Coordinator</p> <p style="text-align: center;">..... Mrs. Annu Khanna Nakarmi Coordinator Department of IT Divya Gyan College</p>
<p style="text-align: center;">SIGNATURE of Internal Examiner</p> <p style="text-align: center;">..... Er. Shirish Timilshina Lecturer Department of IT Divya Gyan College</p>	<p style="text-align: center;">SIGNATURE of External Examiner</p> <p style="text-align: center;">.....</p>

ACKNOWLEDGEMENT

I would like to convey my heartfelt appreciation to everyone who have continually supported and encouraged me to continue working on the project. I would like to acknowledge and be thankful to my college Divya Gyan College for giving me this opportunity, especially the teachers of my college, who assisted us in furthering my knowledge in this sector and giving us the opportunity to showcase my skills that we learned in college.

And I'd want to express my special gratitude to my project supervisor Mr. Srijan Shah, who has consistently encouraged, inspired and provided me with wealth of information that have been really beneficial. His guidance and advice carried me through all the stages of doing my project. I could not have asked for a better project supervisor, counselor, or a mentor.

And I would also like to thank our teachers Dhan Prasad Dahal, Sirish Timilshina and Shailendra Basnet for their brilliant comments and suggestions.

The completion of this project would not have been possible without the help of our whole class, who offered suggestions, shared their experience, and provided advice throughout the project. For which I'm grateful.

Finally, I would like to thank our friends for supporting me and being there for me when I needed. I am thankful for the unconditional love and support throughout this project.

Manish Kumar Shrestha

ABSTRACT

Construct Manager is a comprehensive construction management system designed to streamline project planning, execution, and completion processes. It offers a robust platform for creating, modifying, and removing users and construction projects, catering to the needs of three primary actors within the construction ecosystem: Owners, Contractors, and Admins. This system is built to enhance collaboration, efficiency, and transparency across all stages of construction projects. It enables the creation, modification, and removal of users, allowing for dynamic team management. It facilitates the initiation, tracking, and completion of construction projects, offering tools for project planning, scheduling, budgeting, and resource allocation. It provides tailored access levels and permissions based on the role (Owner, Contractor, Admin), ensuring secure and efficient operations. It enhances communication and coordination among project stakeholders through shared documents, task assignments, and real-time updates. It also provides insightful reports and analytics to monitor project progress, costs, and performance against set goals.

Keywords: *Construction Management System, Project Planning, Resource Allocation, Role-Based Access Control, Collaboration Tools, Reporting Analytics*

Supervisor’s Recommendation.....	i
LETTER OF APPROVAL.....	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
LIST OF FIGURES	vii
LIST OF TABLES.....	viii
LIST OF ARREVIATIONS	ix
Chapter 1: Introduction	1
1.1 Introduction.....	1
1.2 Problem Statement.....	1
1.3 Objectives	1
1.4 Project Scope and Limitations	1
1.4.1 Scope of the System	1
1.4.2 Limitations of the System	1
1.5 Development Methodology	2
1.6 Report Organization.....	3
Chapter 2: Background Study and Literature Review	4
2.1 Background Study.....	4
2.2 Literature Review.....	4
Chapter 3: System Analysis and Design	7
3.1 System Analysis:	7
3.1.1 Requirement Analysis:.....	7
3.1.1.1 Functional Requirements:	7
3.1.1.2 Non-Functional Requirements:	8
3.1.2 Feasibility Study.....	8
3.1.2.1 Technical Feasibility:	8
3.1.2.2 Operational Feasibility:.....	8
3.1.2.3 Economic Feasibility:	9
3.1.2.4 Schedule Feasibility:	9
3.1.3 Data Modeling (ER-Diagram):.....	10
3.1.4 Process Modeling (DFD)	11
3.1.4.1 Context Diagram:.....	11

3.1.4.2 Level 1 DFD:	11
3.1.4.3 Level 2 DFD:	12
3.2 System Design:.....	13
3.2.1 High level Design:	13
3.2.2 Database Schema Design;	14
Chapter 4: Implementation and Testing	15
4.1 Implementation	15
4.1.1 Tools Used.....	15
4.1.2 Languages Used	15
4.1.3 Implementing Details of Modules	16
4.2 Testing.....	16
4.2.1 Test Case for Unit Testing.....	16
4.2.2 Test Case for System Testing.....	18
Chapter 5: Conclusion and Future Recommendations	19
5.1 Outcome	19
5.2 Conclusion	19
5.3 Future Recommendations	19
References	20
Appendices	21

LIST OF FIGURES

FIGURE 3-1 USE CASE DIAGRAM OF CONSTRUCTION MANAGEMENT SYSTEM	7
FIGURE 3-2 GANTT CHART OF THE PROJECT	9
FIGURE 3-3 ER DIAGRAM OF CONSTRUCT MANAGER.....	10
FIGURE 3-4 CONTEXT DIAGRAM OF CONSTRUCTION MANAGEMENT SYSTEM	11
FIGURE 3-5 DFD LEVEL 1 OF CONSTRUCTION MANAGEMENT SYSTEM.....	11
FIGURE 3-6 DFD LEVEL 2 OF CONSTRUCTION MANAGEMENT SYSTEM	12
FIGURE 3-7 HIGH LEVEL SYSTEM FLOW CHART	13
FIGURE 3-8 DATABASE SCHEMA DIAGRAM	14

LIST OF TABLES

TABLE 4-1 TOOLS USED.....	15
TABLE 4-2 LANGUAGES USED	15
TABLE 4-3 TEST CASE FOR LOGIN MODULE	16
TABLE 4-4 TEST CASE FOR ADD PROJECT.....	17
TABLE 4-5 TEST CASE FOR UPDATE PROJECT	17
TABLE 4-6 TEST CASE FOR VIEW PROJECT	17
TABLE 4-7 TEST CASE FOR THE SESSION	18

LIST OF ARREVIATIONS

Keywords	Full Form
PHP	Hyper Text Preprocessor
HTML	Hyper Text Markup Language
CSS	Cascading Stylesheet
JS	Java Script
UI	User Interface
SQL	Structured Query Language
OS	Operating System
VS	Visual Studio
XAMPP	X-operating system, Apache, MySQL, PHP, Perl
RAM	Random Access Memory
ER	Entity Relationship
DFD	Data Flow Diagram

Chapter 1: Introduction

1.1 Introduction

Construct Manager is a professional service for project owners that provides management of the construction project's schedule, cost, quality, safety, scope, and function. It is led by a construction manager who reports to the owner and is tasked with delivering a successful project. The main parties involved in construction management are the owner, who commissions the work and funds or finances it; the construction manager, who oversees the project; and the contractor, who executes the work.

It involves coordination, execution, and planning of a construction project, whether it is agricultural, residential, commercial, institutional, industrial, heavy civil, or environmental. The process typically includes the design stage, pre-construction, procurement, construction, commissioning, and project closure.

1.2 Problem Statement

- Schedule delays and cost overruns are consistently plaguing construction projects.

1.3 Objectives

- To Create a construction management system with proper timeline.

1.4 Project Scope and Limitations

1.4.1 Scope of the System

- The software can be used in all the construction projects to manage them

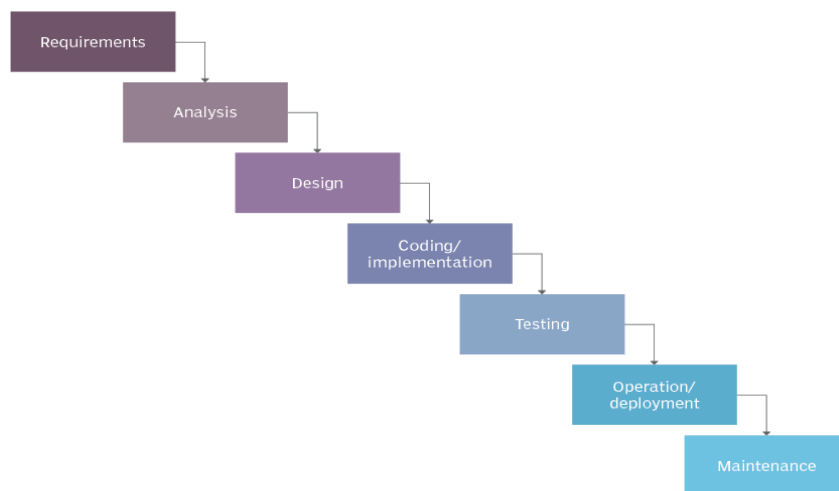
1.4.2 Limitations of the System

- The accuracy of the software may decrease due to different weather conditions like rain and snow.

1.5 Development Methodology

The framework I will be using for developing this project is waterfall model. The waterfall methodology is a project management approach that emphasizes a linear progression from beginning to end a project. Waterfall model was used since the requirements of the system were clear and confined. There was no chance of adding new functionalities in the system.

Waterfall model



(Src:https://cdn.ttgtmedia.com/rms/onlineimages/whatis-waterfall_model.png)

(accessed:18 March 2024))

1.6 Report Organization

This Report is Organized into 5 chapters:

- **Chapter 1: “Introduction”** – In this chapter, I have introduced the problem statement, Objectives, Development Methodology and the scopes of the project.
- **Chapter 2: “Background Study and Literature Review”** – In this chapter, I have described about the background of the study and literature reviews done.
- **Chapter 3: “System Design”** – In this chapter, I have described about the functional and non-functional requirements, and system feasibility.
- **Chapter 4: “Implementation and Testing”** – In this chapter, I have illustrated the methods and tools used to implement the project.
- **Chapter 5: “Conclusion and Future Works”** – In this concluding chapter, I have successfully completed the project and discussed our future endeavors and plans for its expansion.

Chapter 2: Background Study and Literature Review

2.1 Background Study

The construction industry faces a dynamic landscape with evolving trends and challenges. Successful project delivery hinges on effective project management practices. Several key themes emerge from the literature. Effective leadership that fosters trust and collaboration within diverse teams is crucial (Shoaei & Noori, 2017). Data-driven decision making, enabled by Big Data Analytics and Building Information Modeling, is transforming project management (Wang et al., 2018). Sustainability is a growing concern, with Life Cycle Assessment and green building practices gaining traction (Harris, 2017; Wang et al., 2018). The industry also faces a need for a skilled workforce equipped to handle complex projects and emerging technologies (Wang et al., 2018). Ultimately, successful construction project management requires a holistic approach that considers all aspects of the project lifecycle, from planning and scheduling to risk management and stakeholder communication.

2.2 Literature Review

Construction management is a specialized service that guarantees owners of successful project delivery by concentrating on budget, time, scope, quality, safety, and function. Throughout the course of the project, a construction manager oversees and represents the owner's team as an extension. The Construction Management Association advocates for the employment of certified construction managers who have the expertise to handle the intricacies of building projects. Depending on the requirements of the project, construction management can be flexible and integrated with a variety of project delivery methods. Collaboration between the owner, construction manager, designers, contractors, and other stakeholders is essential to the success of construction management [1].

With an emphasis on scope, time, money, quality, and risk, the PMBOK Guide from PMI highlights the integration of project management procedures for successful construction projects. It emphasizes the significance of the project life cycle, outlining distinct stages for seamless advancement. In order to prevent disputes, it is essential to identify all stakeholders and manage their expectations through stakeholder management. As it promotes early risk detection and mitigation, risk management is essential. Additionally

stressed is communication management, which promotes transparent information exchange across stakeholders [2].

"Development Undertaking: The Board: Arranging, Booking, and Control" outlines the essential aspects of project management, including defining project scope, creating a work breakdown structure, and developing a comprehensive schedule. It highlights the critical role of the critical path method in identifying the sequence of tasks that determines project duration, aiding in focusing on tasks that could delay the project. Earned value management is emphasized as a key tool for cost control, by comparing planned value with earned value to identify potential cost overruns or underruns and take corrective actions. The book also focuses on construction safety, quality management, and the growing trend of modular construction, which can improve efficiency, quality, and schedule predictability [3].

"Big Data Analytics for Sustainable Construction" explores how data-driven decision-making is revolutionizing construction project management, enabling managers to optimize resources, identify improvements, and achieve more sustainable practices. The book highlights the transformative potential of Building Information Modeling for enhancing project outcomes through digital representation, collaboration, and clash detection. It also advocates for integrating Life Cycle Assessment to evaluate the environmental impact of buildings, guiding material and design choices to minimize environmental footprints. The importance of off-site construction for improved quality, reduced waste, and faster completion is emphasized, along with the potential of automation and robotics for enhanced safety and efficiency [4].

"Leadership and Project Management in Construction" underscores the significance of building trust within project teams, situational leadership, clear and concise communication, conflict resolution skills, emotional intelligence, managing a multicultural workforce, and the importance of lifelong learning for construction project managers. Trust fosters a positive work environment, situational leadership adapts to team needs, communication minimizes misunderstandings, conflict resolution skills prevent disputes, emotional intelligence builds stronger relationships, managing cultural differences ensures

inclusivity, and lifelong learning keeps managers updated with industry advancements, all contributing to improved project outcomes [5].

Chapter 3: System Analysis and Design

3.1 System Analysis:

The system analysis of the system is done by conducting requirement analysis, feasibility analysis, data modeling and process modeling as follows:

3.1.1 Requirement Analysis:

The requirement analysis of Construct Manager is done through finding the functional requirements and non-functional requirements for the system.

3.1.1.1 Functional Requirements:

This subsection contains the functional requirements for the Construction Project Management system. Features from proposal are refined into use case diagrams and to best capture the functional requirements of the system.



Figure 3-1 Use Case Diagram of Construction Management System

3.1.1.2 Non-Functional Requirements:

Performance Requirement:

- The user shall be able to login into the system.

Usability Requirement:

- The user shall be able to use the system in easy manner.

Availability Requirement:

- The system is available 100% for the user and is used 24hrs a day and 365 days a year.
- The system shall be operational 24hrs a day and 7 days a week.

Environmental Requirement:

- The system shall require a localhost server, database server and a web browser to run successfully.

Compatibility Requirement:

- The system shall be compatible across all platforms under required environment.

Security Requirement:

- The user password shall be in encrypted format in the database.
- Every user shall have a unique Session while logging into the system.

3.1.2 Feasibility Study

3.1.2.1 Technical Feasibility:

This project can be easily created using the languages such as HTML, CSS, JS and PHP. Since all these languages can be run on all modern system. It can be run on any device that supports a web browser. So, it can be considered Technically Feasible.

3.1.2.2 Operational Feasibility:

This project prioritizes user-friendly design, ensuring effortless operation without extensive training or technical expertise. It uses plain language to avoid confusion and ensure understanding. Most users can become proficient within minutes, significantly reducing training time and costs.

3.1.2.3 Economic Feasibility:

This project offers significant cost savings compared to traditional solutions. By running on local machines, it eliminates the need for expensive servers. Additionally, lightweight design minimizes resource requirements, reducing ongoing maintenance and licensing fees.

3.1.2.4 Schedule Feasibility:

Here is the Gantt chart showing the probability of the project to be completed within its scheduled time limits, by a planned due date.

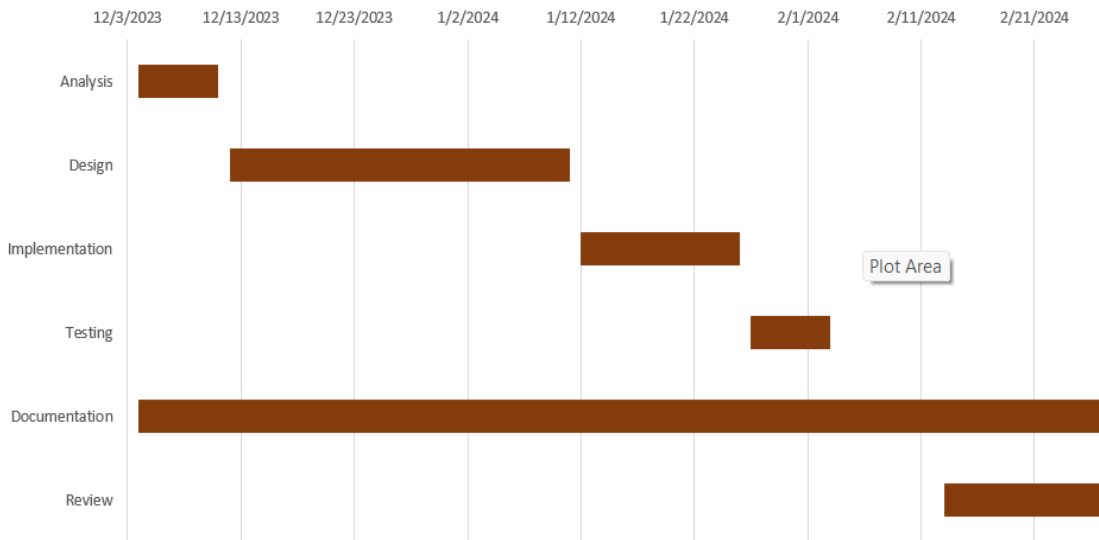


Figure 3-2 Gantt Chart of the Project

3.1.3 Data Modeling (ER-Diagram):

For data modeling, the ER diagram of Construct Manager is shown below as:

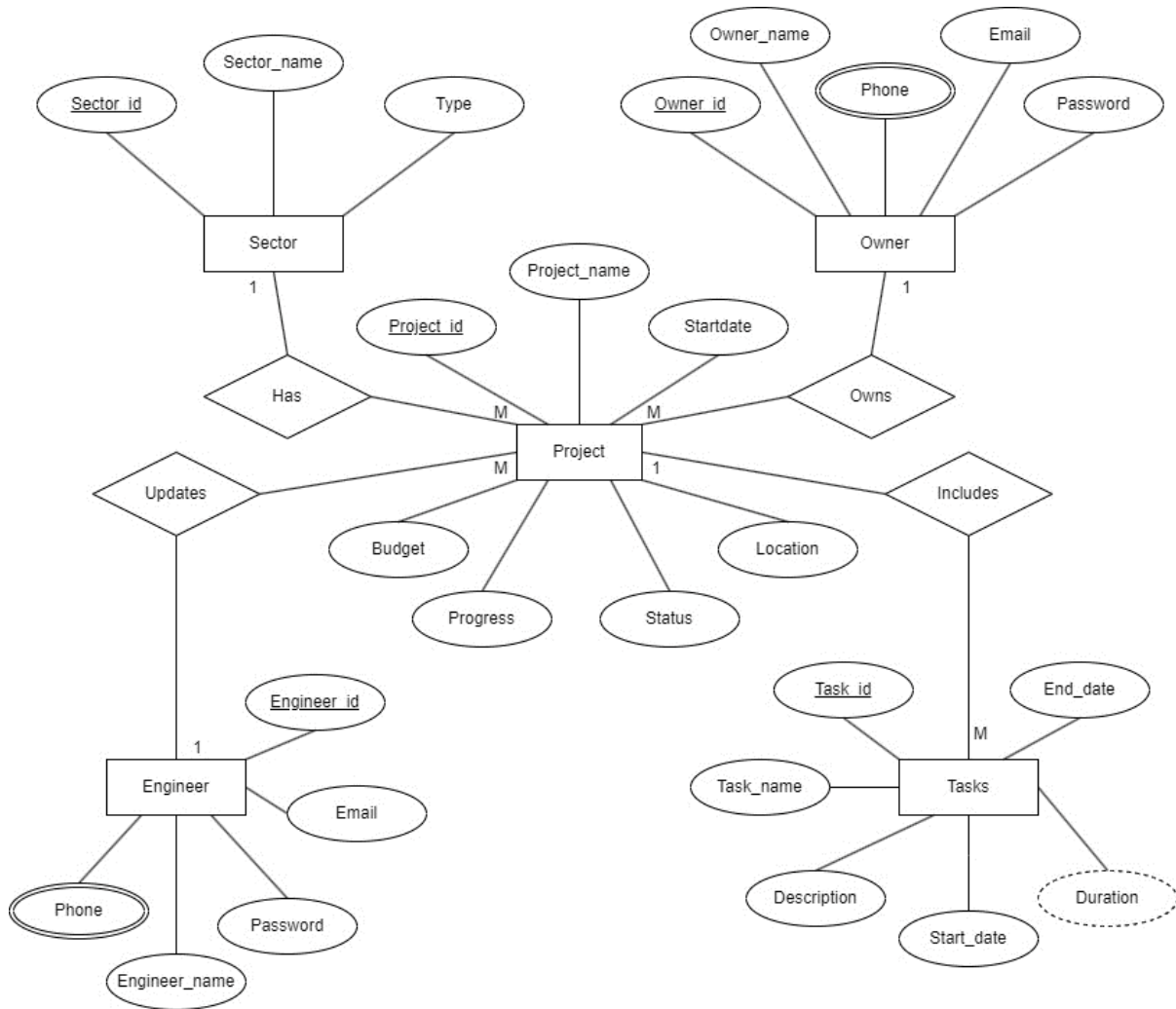


Figure 3-3 ER Diagram of Construct Manager

Here, One Sector can have multiple Projects. One Owner can have multiple Projects. One Project can have multiple Tasks. One Engineer can Oversee Multiple Projects. Each Entity has its own primary key attribute. For example, Sector has Sector_id as a key attribute, Owner has Owner_id as a key attribute, Project has Project_id as a key attribute, Engineer has Engineer_id as its key attribute and Tasks has Task_id as a key attribute.

3.1.4 Process Modeling (DFD)

For process modeling of *Construct Manager*, DFD up to level 2 are as follows:

3.1.4.1 Context Diagram:

In the context diagram there are three entities i.e. Owner, Engineer and Administrator.

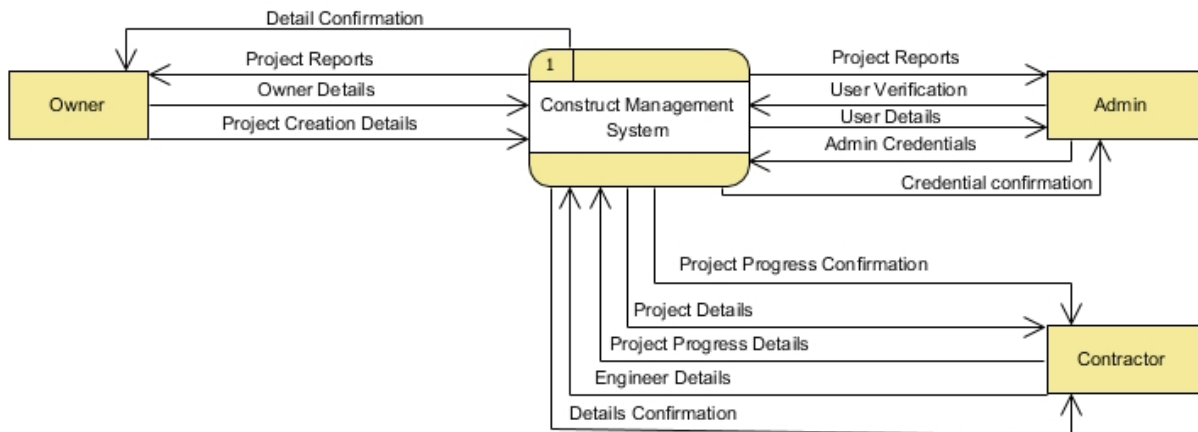


Figure 3-4 Context Diagram of Construction Management System

3.1.4.2 Level 1 DFD:

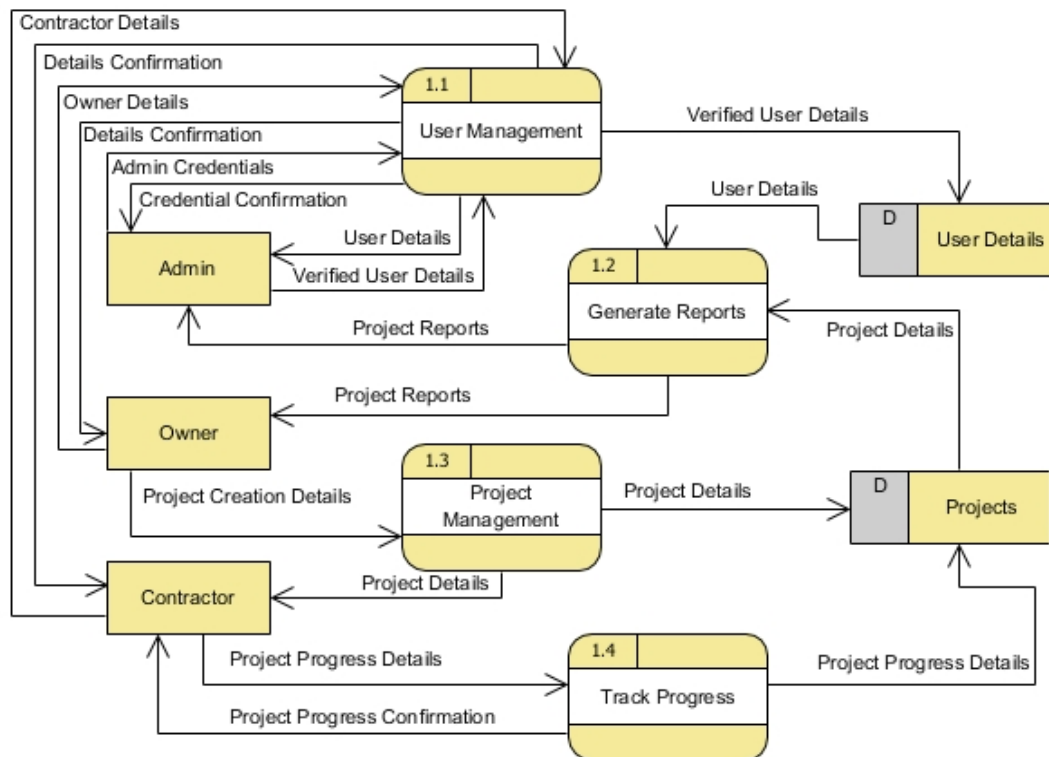


Figure 3-5 DFD Level 1 of Construction Management System

3.1.4.3 Level 2 DFD:

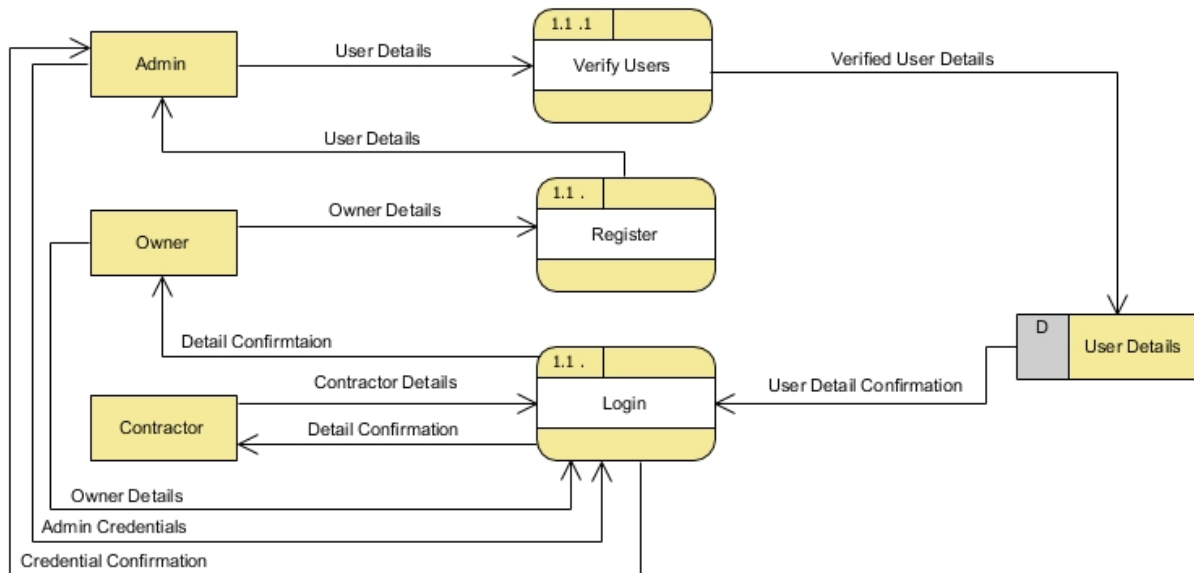


Figure 3-6 DFD Level 2 of Construction Management System

3.2 System Design:

3.2.1 High level Design:

The High-level System Flow Chart is given below:

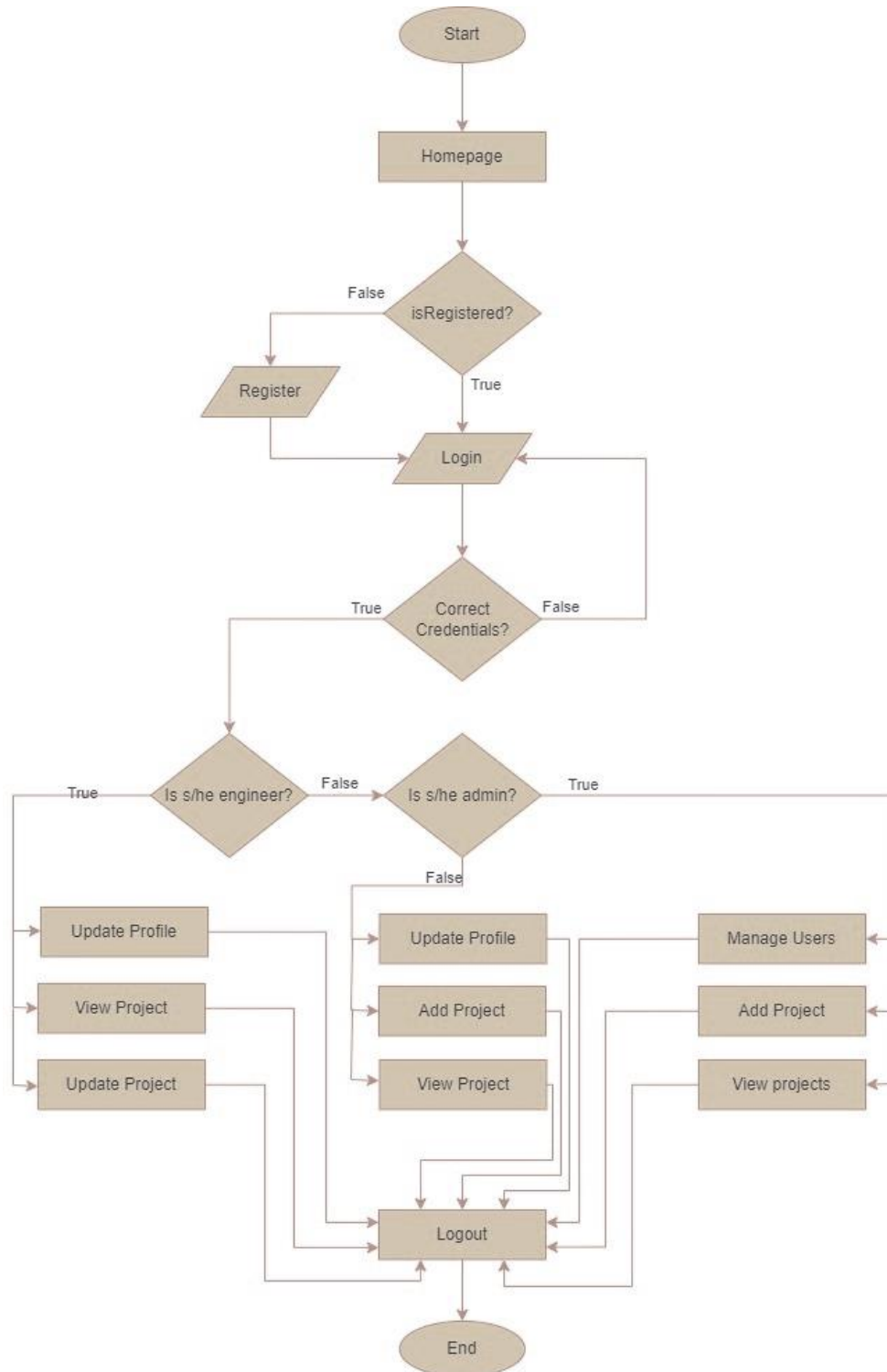


Figure 3-7 High Level System Flow Chart

3.2.2 Database Schema Design;

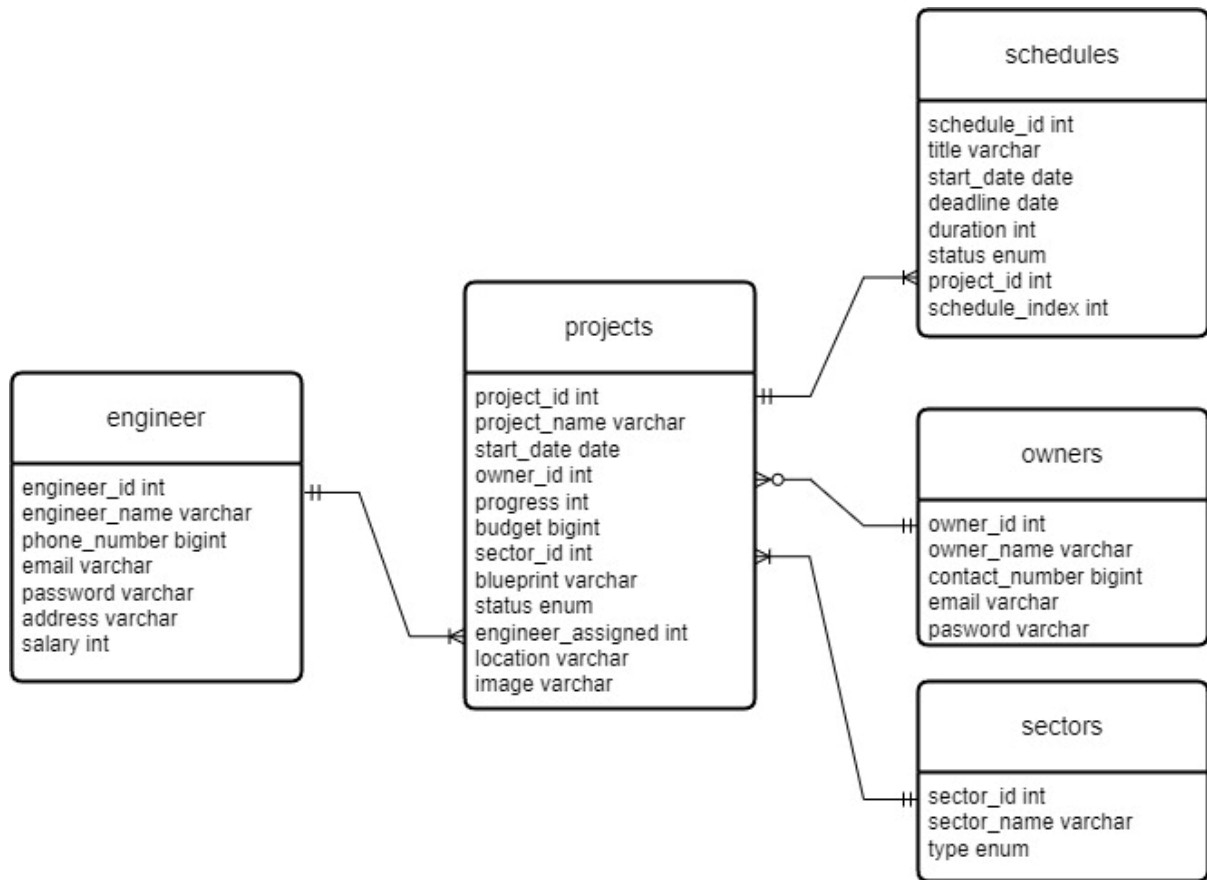


Figure 3-8 Database Schema Diagram

Chapter 4: Implementation and Testing

4.1 Implementation

In this stage, physical system specifications are converted into working and reliable solution. This is a stage where the system is developed. On the receiving the system design documents, the work is divided in modules/units and actual coding is started. It is flowed by testing. Several tools are used in this phase if software development.

4.1.1 Tools Used

Table 4-1 Tools Used

Tools	Purpose
VS code	To write and compile code
MySQL	For Database
Draw.io, Visual Paradigm	For making Diagrams
Figma	For making wireframes

4.1.2 Languages Used

Table 4-2 Languages Used

Language	Purpose
HTML	For Framing of the application
CSS	For Designing of the application
JS	For Client-side Functionality of the application
PHP	For Server-side Functionality of the application

4.1.3 Implementing Details of Modules

The Major functional modules of *Construct Manager* and their implementations are mentioned below:

- **Login Module:** This Module is available for admin, contractor and owner. In this module they provide their email and password.
- **Add Project Module:** This Module is available for admin and owner. In this module both provide the project details
- **Update Project Module:** This Module is only available for contractor. In this Module, the contractor provides project progress details.
- **View Project Module:** This Module is available for admin, contractor and owner. In this module they get to view to project details
- **Hire Module:** This Module is only available for admin. In this module the admin can hire contractor and owner.

4.2 Testing

4.2.1 Test Case for Unit Testing

The Testing for Construct Manager application is done by testing the unit and system modules.

Table 4-3 Test Case for Login Module

ID	Test Case Description	Test Data	Expected result	Actual result	Test result
1	Input Valid Email and Password for admin	Email: admin@gmail.com Password: Admin@123	Login to the System	Logged in Successfully	Pass
2	User enters correct Email and wrong password	Email: admin@gmail.com Password: admin12	Incorrect password	Incorrect Password	Pass
3	User enters wrong Email and correct password	Email: admn@gmail.com Password: admin123	Incorrect Username	Incorrect Username	Pass

Table 4-4 Test Case for Add Project

ID	Test Case Description	Test Data	Expected result	Actual result	Test result
1	Owner enters project details	Name: Siksha Ghar Budget: 3500000 Location: Kapan Sector: School	Project Added Successfully	Project Added Successfully	Pass
2	Admin enters project details	Name: Tea Factory Budget: 5000000 Location: Ilam Sector: Factory	Project Added Successfully	Project Added Successfully	Pass

Table 4-5 Test Case for Update Project

ID	Test Case Description	Test Data	Expected result	Actual result	Test result
1	Contractor updates project progress	Progress: 2%	Project updated successfully	Project updated successfully	Pass

Table 4-6 Test Case for View Project

ID	Test Case Description	Test Data / Action	Expected result	Actual result	Test result
1	Admin tries to view project details and progress	Admin clicks view Project	Project details and progress is displayed	Displayed Project along with its details and progress	Pass
2	Owner tries to view project details and progress	Owner clicks view Project	Project details and progress is displayed	Displayed Project along with its details and progress	Pass
3	Contractor tries to view project details and progress	Contractor clicks view Project	Project details and progress is displayed	Displayed Project along with its details and progress	Pass

4.2.2 Test Case for System Testing

System testing is a type of software testing that evaluates the overall functionality and performance of a complete and fully integrated software solution.

Table 4-7 Test Case for the session

ID	Test Case Description	Test Data	Expected result	Actual result	Test result
1	Set Session	Valid Credential	Session is set and redirected to respective dashboard	Session is set and redirected to respective dashboard	Pass
2	Owner access to admin's dashboard	Admin Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass
3	Owner access to contractor's dashboard	Contractor Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass
4	Contractor access to admin's dashboard	Admin Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass
5	Contractor access to owner's dashboard	Owner's Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass
6	Admin access to contractor's dashboard	Contractor's Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass
7	Admin access to owner's dashboard	Owner's Dashboard URL	Cannot access and redirect to login page	Cannot access and redirect to login page	Pass

Chapter 5: Conclusion and Future Recommendations

5.1 Outcome

The *Construct Manager* project successfully developed an online platform that effectively manages construction projects. Admins can Add Contractors, Add Owners, Add projects, view details of contractors, owners and projects. The admin panel provides overview of the owners, contractors and projects. Contractors can track the progress of the projects assigned by the owners. Owners can Add Projects and update their details. They can also monitor the progress of their project.

5.2 Conclusion

In Summary, *Construct Manager* is a web application that simplifies the process of construction project tracking, managing contractors and project owners. It allows the construction projects to be completed as quickly as possible using various techniques such as step wise progress tracking, Efficient budget allocation and creating a proper timeline for all the events during the project construction. This helps the project owners to keep track of how their project is being done without personally visiting the construction site. The project documentation details the development process, technical aspects and challenges faced. *Construct Manager* aims to streamline the assignment and tracking of construction projects with a simple UI.

5.3 Future Recommendations

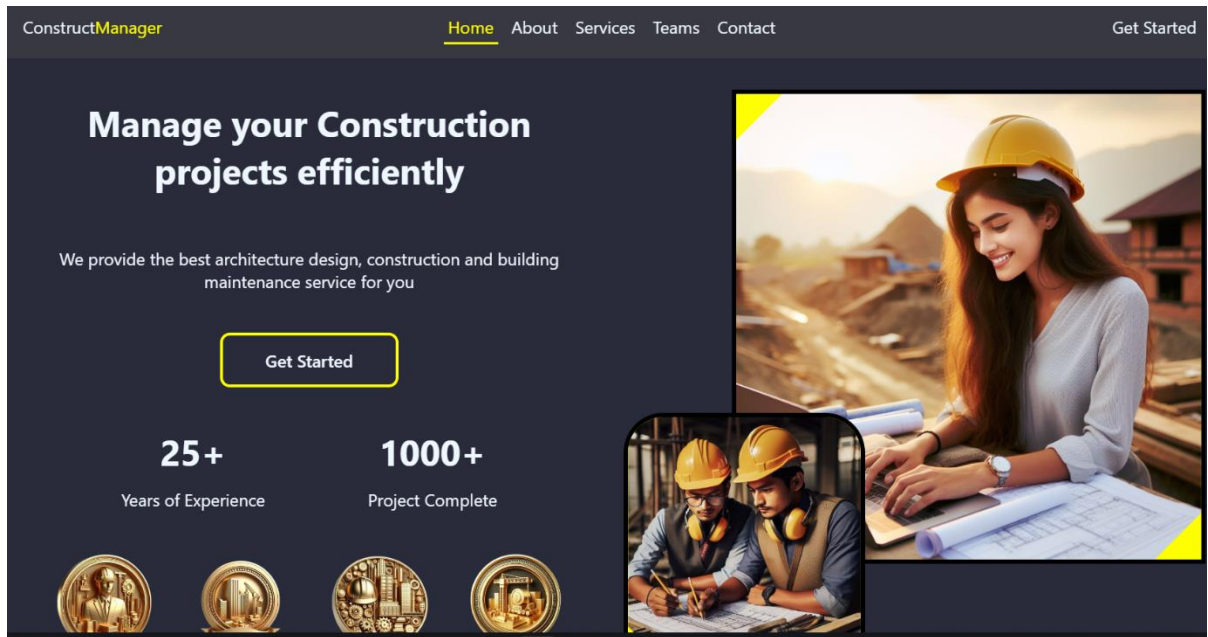
- Advanced analytics and reporting
- Implementation of Collaboration Methods between Owners and Contractors
- Real time simulation of the construction project

References

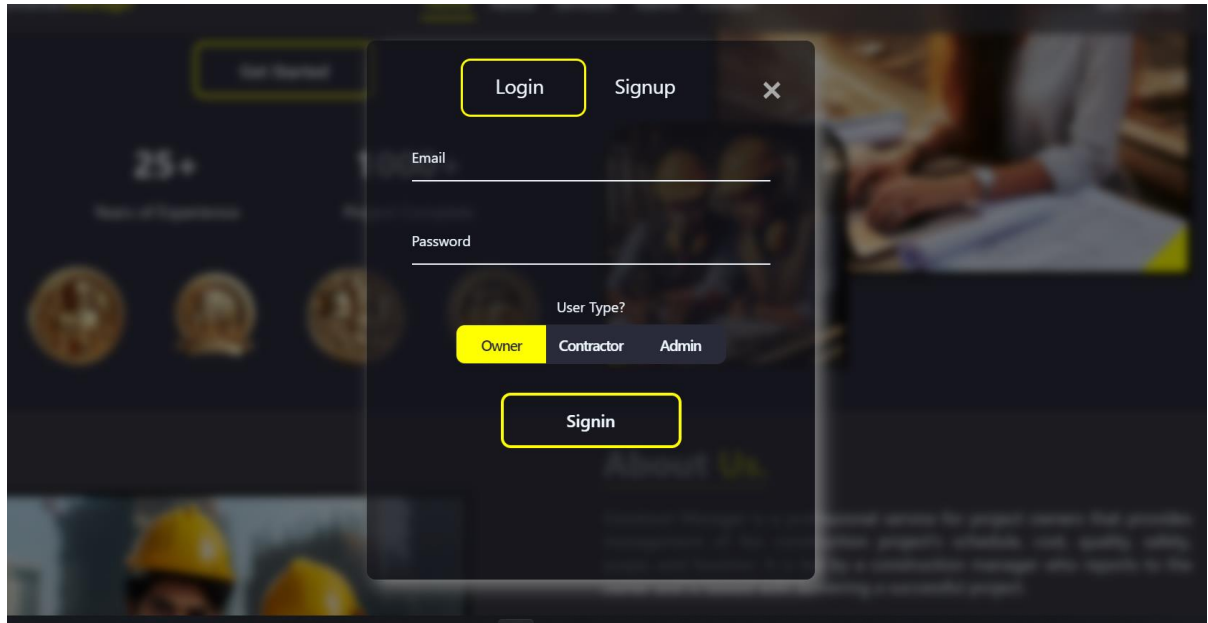
- [1] Construction Managemtn Association of America (CMAA), "Project Managemnt Guide," *The Proper rules for Construction*, vol. 5, no. JBN2308, p. 78, 2021.
- [2] Project Management Institute, *A Guide to the Project Management Body of Knowledge(PMBOK Guide)*, vol. 6, no. 13674, p. 55, 2020.
- [3] H. Frederick, "Development Undertaking: The Board: Arranging, Booking and Control," *Construction mgmt*, vol. IV, no. 14, pp. 30-54, 2015.
- [4] J. R. Wang, X. Wang and Q. Yang, "Big Data Analytics for Sustainable Construction," *Sustainable Progress*, vol. 3, no. ISBN 783, pp. 60-80, 2018.
- [5] M. R. M. Shoaee and O. Noori, "Leadership and Project Management in Construction," *Projects and Leadership*, vol. V, no. 8, pp. 50-76, 2017.

Appendices

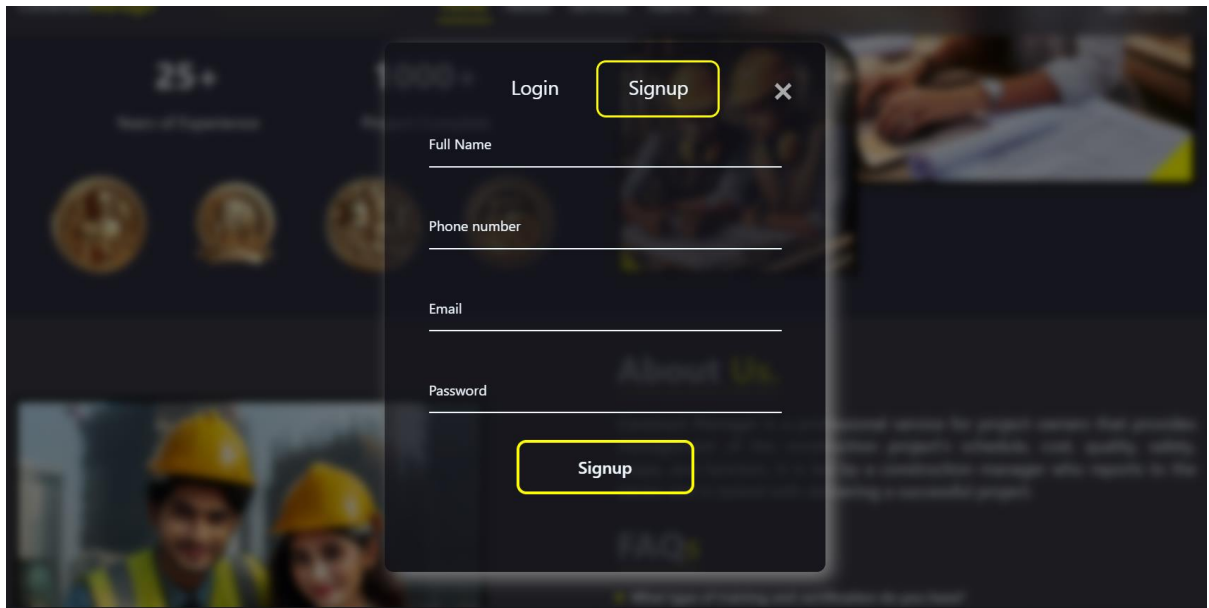
1. Homepage



2. Login Page

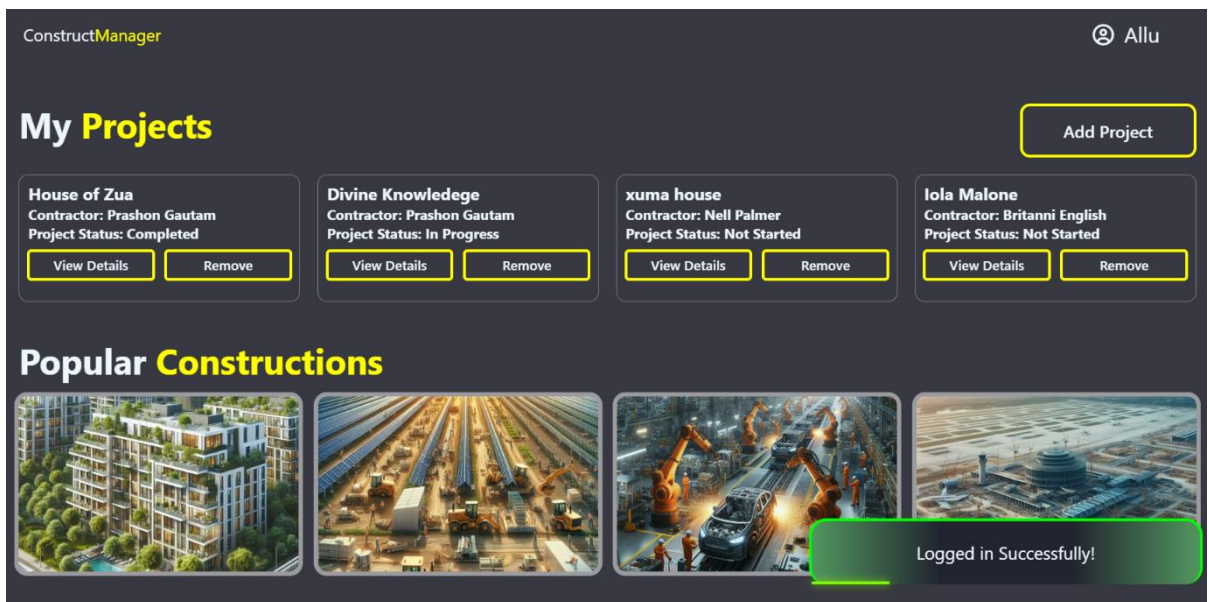


3. Signup Page



The image shows a dark-themed modal window for user registration. At the top, there are two buttons: 'Login' and 'Signup', with the 'Signup' button highlighted by a yellow border. A close button (X) is in the top right corner. The form contains four input fields: 'Full Name', 'Phone number', 'Email', and 'Password'. A 'Signup' button with a yellow border is at the bottom of the modal. The background is a blurred image of two construction workers wearing yellow hard hats.

4. Owner Dashboard



The dashboard has a dark theme. At the top left is the 'ConstructManager' logo, and at the top right is a user profile icon labeled 'Allu'. The main section is titled 'My Projects' in yellow. To the right of this title is a yellow 'Add Project' button. Below the title, there are four project cards, each with a title, contractor name, project status, and two buttons: 'View Details' and 'Remove'.

Project Name	Contractor	Project Status	View Details	Remove
House of Zua	Prashon Gautam	Completed	View Details	Remove
Divine Knowledge	Prashon Gautam	In Progress	View Details	Remove
xuma house	Nell Palmer	Not Started	View Details	Remove
Iola Malone	Britanni English	Not Started	View Details	Remove

Below the projects section is a 'Popular Constructions' section with four image thumbnails. A green notification banner at the bottom right says 'Logged in Successfully!'.

5. Contractor Dashboard

ConstructManager Prashon

Assigned Projects

Divine Knowledge

Owner: Allu Arjun

Project Status: In Progress

View Details

Update Progress

Popular Constructions

6. Admin Dashobard

ConstructManager Dashboard Projects Users Logout

Welcome, Admin

Sectors
72

Projects
10

Owners
7

Contractors
7

Budget(s)
326625000

Projects

Add Project

SN	Project Title	Project Owner	Location	Project Type	Contractor Assigned	Budget	Status	Action
1	House of Zua	Allu Arjun	Karnataka, Telangana	Duplexes	Prashon Gautam	69000000.00	Completed	
2	Divine Knowledge	Allu Arjun	Kamaladi Mod, Kathmandu	Schools	Prashon Gautam	45000000.00	In Progress	
3	Pyhooma House	Jethalal Gada	Sinduhli, Nepal	Geothermal plants	Britanni English	55000000.00	Completed	
4	Rumba	Ajju Bhai	Ilam, Nepal	Hospitals	Alexis Goodwin	30000000.00	Not Started	
5	Gujrati House	Jethalal Gada	Moon, South pole	Mobile homes	Prashon Gautam	95000000.00	Not Started	
6	xuma house	Allu Arjun	Ilam, Nepal	Student housing	Nell Palmer	17500000.00	Not Started	
7	Iola Malone	Allu Arjun	Ut tempore dolore a	Offshore platforms	Britanni English	2650000.00	Not Started	

7. Add Project Page

The screenshot shows a dark-themed web application with a modal titled "Add New Project". The modal contains the following fields:

- Name of the Project:** A text input field with the placeholder "Project".
- Start date:** A date picker field showing "mm/dd/yyyy".
- Sector:** A dropdown menu with "Residential Projects" selected.
- Budget:** A text input field with "Rs 500000".
- Location:** A text input field with "Dallas, TX".
- Owned By:** A dropdown menu with "Allu Arjun" selected.
- Contractor:** A dropdown menu with "Prashon Gautam" selected.
- Add Project:** A yellow button at the bottom.

The background shows a blurred dashboard with a "Welcome, Admin" message and a "Projects" table.

8. Update Project Page

The screenshot shows a dark-themed web application with a modal titled "Update Project Progress". At the top, there is a progress bar labeled "Progress" with a blue fill and "16%" on the right. Below the progress bar is a grid of 12 task cards, each with a title, a "Start Date" field, and an "End Date" field. The tasks are:

- Preparing The Site
- Site Layout and Staking
- Excavation
- Floor Slabs
- Framing- Walls and Roof
- Roofing
- External Finishing
- Windows and Doors
- Roughing in
- Internal Finishes
- Carpentry
- FF & E Fit Out

At the bottom of the modal is a yellow button labeled "Update Progress".

9. View Project Page

