

A Web and Mobile Development Proposal for A-King Construction Inventory System

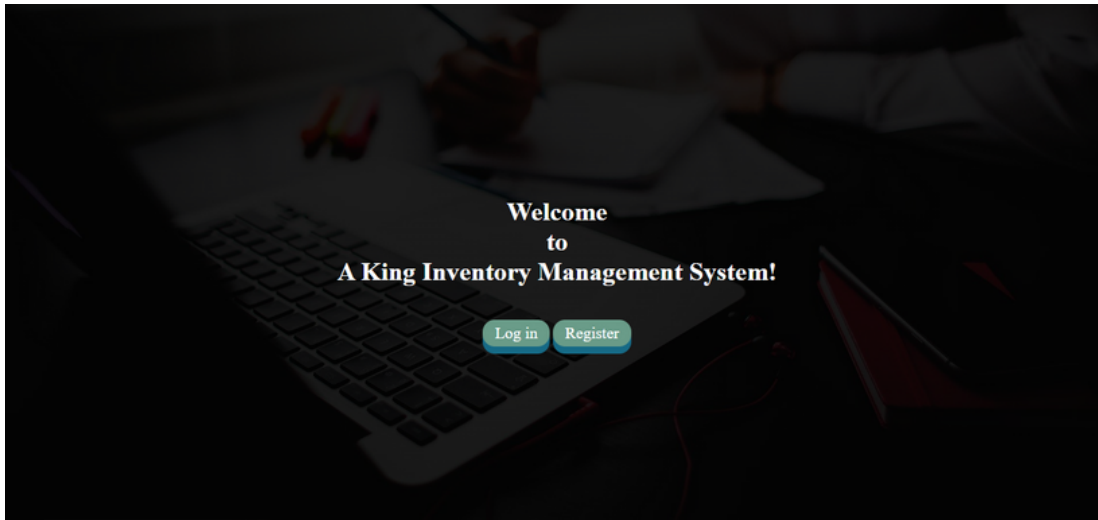
December 20, 2023

Prepared for | Mr. Leo Gabriel Villanueva

**Prepared by | ArchDev Technology
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Ryan Dave Songalla**

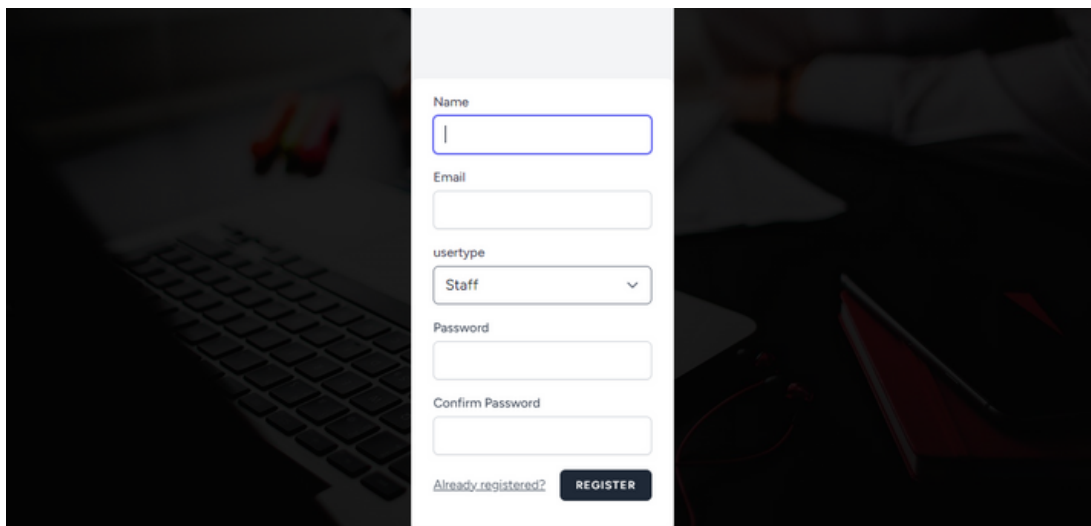
1.) Preview Page (Login and Register)

Click the Log in button to Log in your account or click the register button to register or create new account.



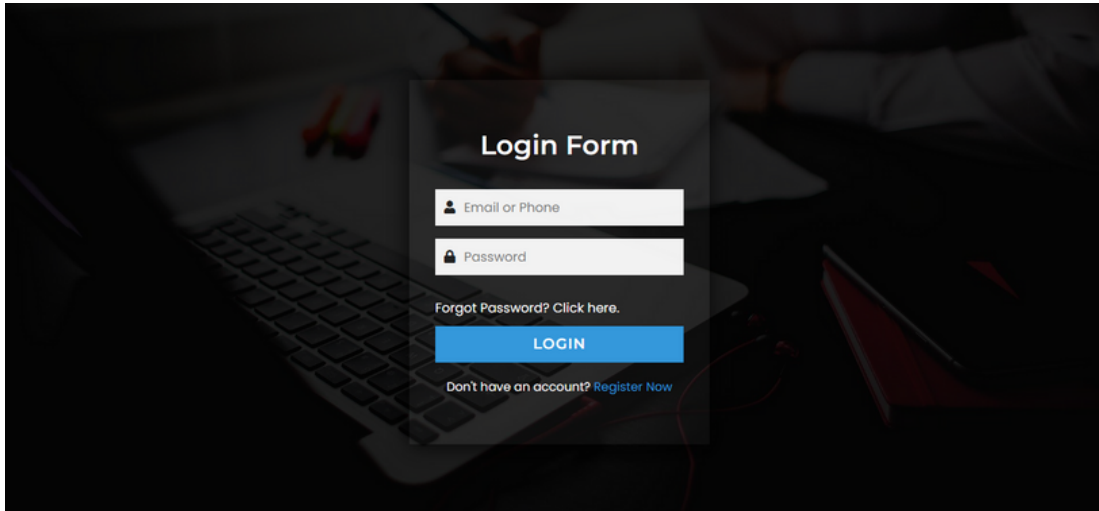
2.) Register Page

Input all the necessary credentials for registering new account or user and click register to create new account.

A registration form with a light gray background. The form contains the following fields: "Name" (text input), "Email" (text input), "usertype" (dropdown menu with "Staff" selected), "Password" (text input), and "Confirm Password" (text input). At the bottom left, there is a link "Already registered?". At the bottom right, there is a dark blue button labeled "REGISTER".

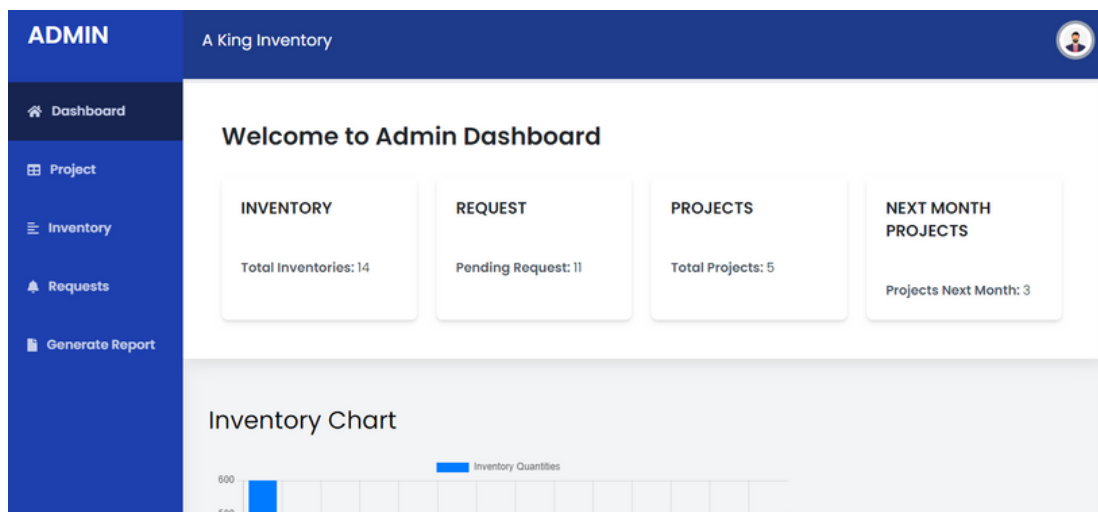
3.) Login Page

Enter the email and password you created on the register page.



4.) Dashboard (Admin Side)

This is the admin dashboard you can see here the summary of the inventory, request, projects and next month projects, with inventory chart for the construction materials.



5) Project Page

This is the project page where you can view all the projects and also you can add new project, save to the inventory and it also have search method if you want to find a specific project.

ADMIN
Dashboard
Project
Inventory
Requests
Generate Report

A King Inventory

Add Project

Show
10
entries

Search:

Project Name	Project Description	Client	Project Start Date	Project End Date	Status	Action
Bungalow	A single-story house, often with a front porch and a low-pitched roof	Pedro Reyes	2023-12-15	2025-01-15	ongoing	Edit Delete
Full Duplex	Two separate living units	Goerge Macanting	2023-12-06	2024-01-24	ongoing	Edit Delete
Log Cabin	Houses made from logs or timber	Elias Perpose	2023-12-11	2024-02-29	ongoing	Edit Delete
Ranch House	A single-story house with a long, low profile and an open layout	Marta Mendoza	2023-11-15	2024-01-30	ongoing	Edit Delete
Tiny House	Extremely small houses	Kate	2023-11-15	2024-02-15	ongoing	Edit Delete

i.) Project Page (Add Project)

Fill up all the fields to add new project.

Add Project

Add Project Form

Project Name

Project Description

Client

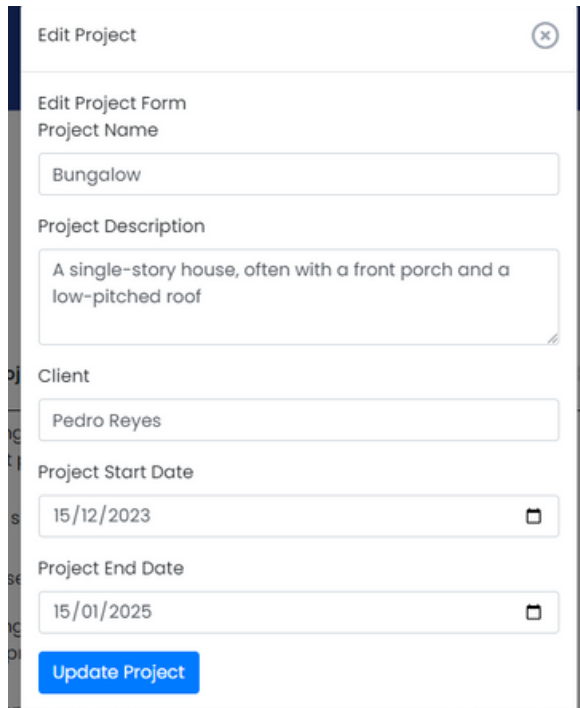
Project Start Date

Project End Date

Save Project

ii) Project Page (Edit Project)

click the edit button to edit a project.



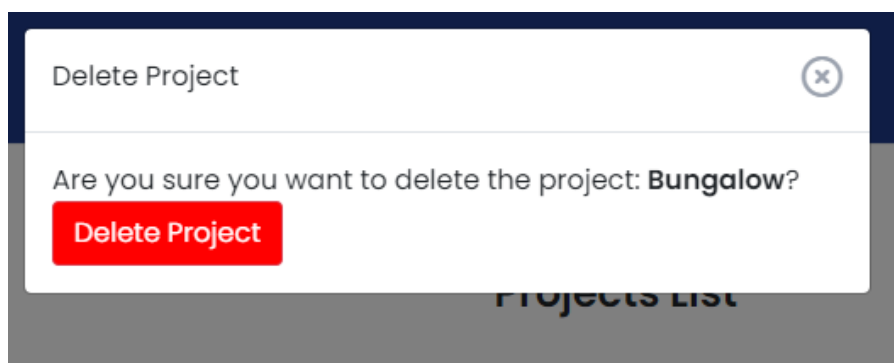
The screenshot shows a mobile application interface for editing a project. The form is titled 'Edit Project' and contains the following fields:

- Project Name:** A text input field containing the value 'Bungalow'.
- Project Description:** A text area containing the value 'A single-story house, often with a front porch and a low-pitched roof'.
- Client:** A text input field containing the value 'Pedro Reyes'.
- Project Start Date:** A date picker field showing '15/12/2023'.
- Project End Date:** A date picker field showing '15/01/2025'.

At the bottom of the form is a blue button labeled 'Update Project'.

iii.) Project Page (Add Project)

if you want to delete a project you can click the delete button and this will pop up.




The screenshot shows a mobile application interface for deleting a project. The dialog is titled 'Delete Project' and contains the following text:

Are you sure you want to delete the project: **Bungalow**?

At the bottom of the dialog is a red button labeled 'Delete Project'.

6) Inventory Page

























This is the inventory page for construction materials where you can view all the materials that added to the inventory and also you can add new inventory (material) and it also have search method if you want to find a specific material.

ADMIN
A King Inventory


- Dashboard
- Project
- Inventory**
- Requests
- Generate Report

Construction Materials Inventory

Show 10 entries
Search:

Name	Quantity	Amount	Action
Alambre	50	120.00	  
Boysen Paint (Black)	100	450.00	  
Boysen Paint (Blue)	100	450.00	  
Cement	50	50.00	  
Flywoods	350	200.00	  
Hardie Flex	300	120.00	  
Hollowblocks	600	10.00	  
Landok	400	150.00	  

i.) Inventory Page (Add Inventory)

if you want to add new inventory (construction material) you can click the add inventory button and input all the necessary fields.

Add Inventory x

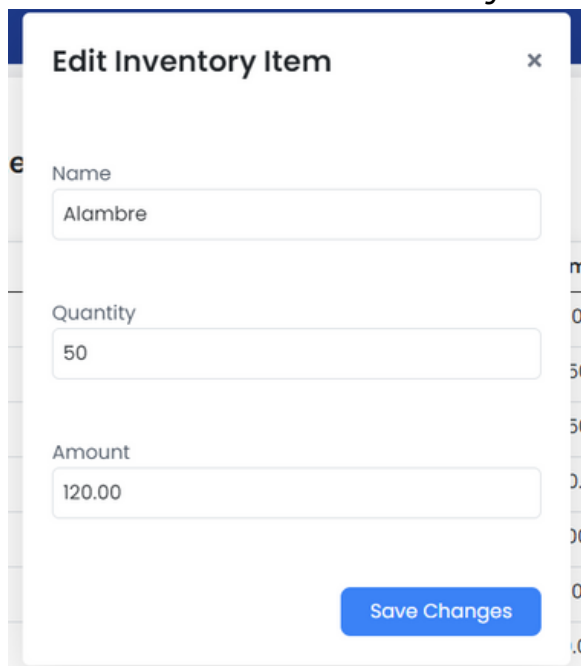
Name

Quantity

Amount

ii) Inventory Page (Edit Inventory Item)

Inside the inventory table, you can see the action field. Click on the icon with a blue color to edit an inventory



Edit Inventory Item x

Name
Alambre

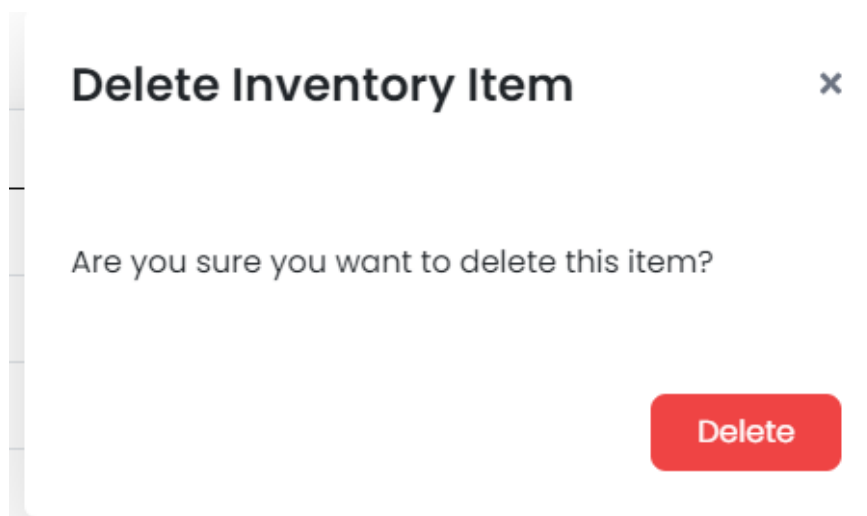
Quantity
50

Amount
120.00

Save Changes

iii.) Inventory Page (Delete Inventory)

if you want to Delete inventory (construction material) you can click the icon with a color red to delete an Inventory



Delete Inventory Item x

Are you sure you want to delete this item?

Delete

ADMIN

Dashboard

Project

Inventory

Requests

Generate Report

A King Inventory

List of Material Requested

Show

10

entries

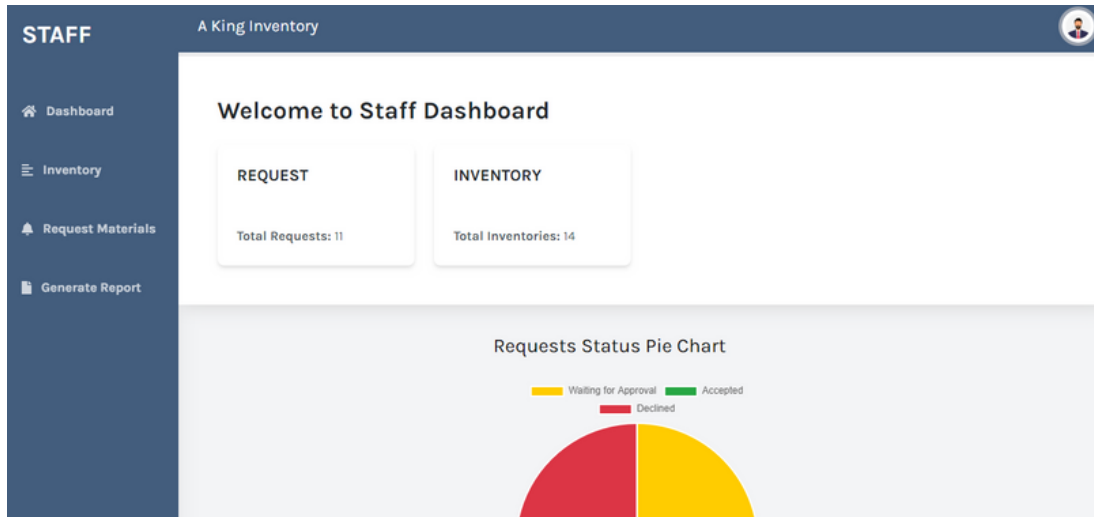
Search:

Name	Quantity	Amount	Status	Requested Date/Time	Actions
Cement	50	50.00	accepted	2023-12-14 10:17:51	Accept Decline
Hardie Flex	300	120.00	accepted	2023-12-06 04:16:14	Accept Decline
Lumber	50	110.00	accepted	2023-12-07 00:25:48	Accept Decline
Plywood	100	135.00	declined	2023-12-07 00:26:07	Accept Decline
Polyvinyl Chloride	75	90.00	waiting for approval	2023-12-07 00:26:29	Accept Decline
Seal Gray	100	80.00	accepted	2023-12-06 04:16:35	Accept Decline
Skim Coat	30	50.00	waiting for approval	2023-12-06 04:20:26	Accept Decline

STAFF SIDE

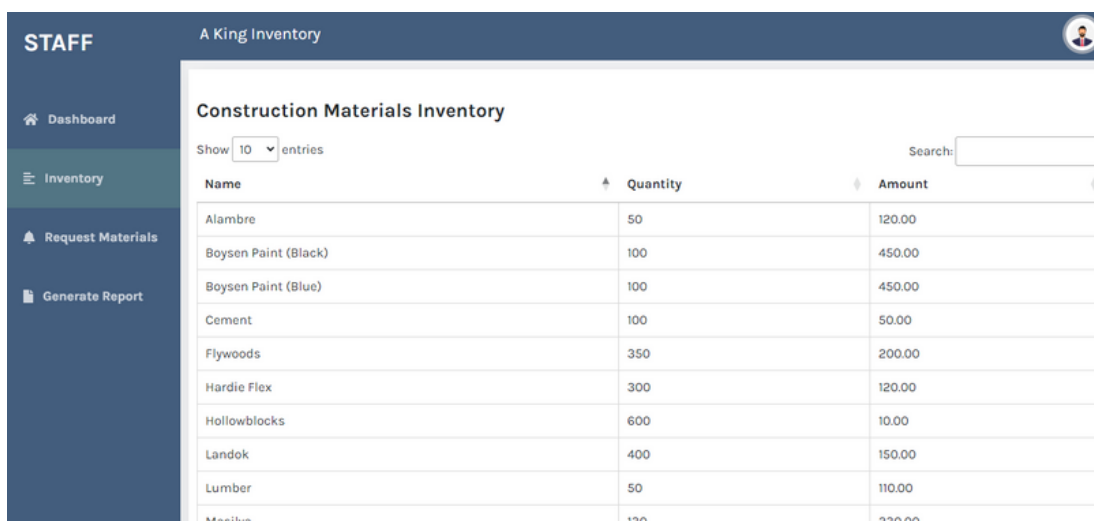
1.) Dashboard

This is the staff dashboard you can see here the summary of the request materials, inventory, with the request status chart for the request materials.



2.) Inventory Page (Construction Materials Inventory)

In this page you can see all the list of construction material and you can search for an specific item and see if there are enough quantity in the inventory.



The screenshot shows the 'Construction Materials Inventory' page. It features a sidebar with navigation options: Dashboard, Inventory, Request Materials, and Generate Report. The main content area displays a table of construction materials with columns for Name, Quantity, and Amount. A search bar and a 'Show 10 entries' dropdown are also present.

Name	Quantity	Amount
Alambre	50	120.00
Boysen Paint (Black)	100	450.00
Boysen Paint (Blue)	100	450.00
Cement	100	50.00
Flywoods	350	200.00
Hardie Flex	300	120.00
Hollowblocks	600	10.00
Landok	400	150.00
Lumber	50	110.00
Masilya	130	230.00

3.) Request Material Page

This is the request material page you can see here the list of your request, the accepted and declined request, you can also edit or delete request.

STAFF

- Dashboard
- Inventory
- Request Materials**
- Generate Report

A King Inventory

Request Materials

Requested Materials List

Show 10 entries

Search:

Name	Quantity	Amount	Status	Requested Date/Time	Action
Cement	50	50.00	declined	2023-12-14 10:17:51	Edit Delete
Hardie Flex	300	120.00	accepted	2023-12-06 04:16:14	Edit Delete
Lumber	50	110.00	accepted	2023-12-07 00:25:48	Edit Delete
Plywood	100	135.00	declined	2023-12-07 00:26:07	Edit Delete
Polyvinyl Chloride	75	90.00	waiting for approval	2023-12-07 00:26:29	Edit Delete
Seal Gray	100	80.00	accepted	2023-12-06 04:16:35	Edit Delete
Skim Coat	30	50.00	waiting for approval	2023-12-06 04:20:26	Edit Delete

i.) Request Material Page (Add new Request)

Click request material to add new request.

Request Materials

Material Name

Quantity

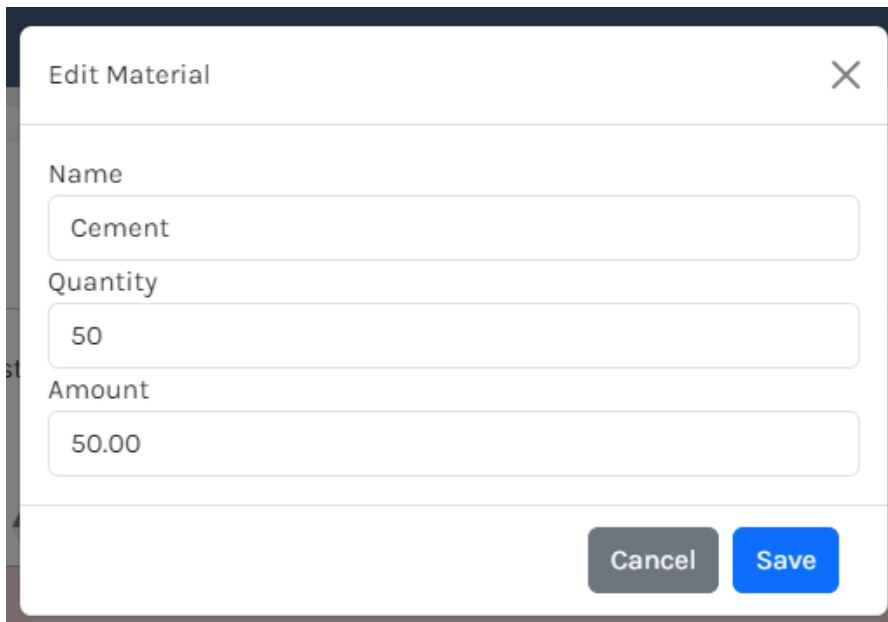
Amount

Close

Submit Request

ii.) Request Material Page (Edit Request)

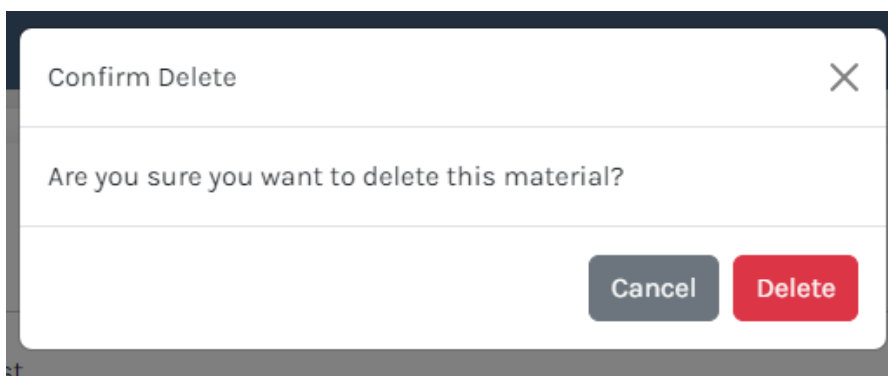
If you want to edit your request just click the edit button and you can edit your material request.



A dialog box titled "Edit Material" with a close button (X) in the top right corner. It contains three input fields: "Name" with the value "Cement", "Quantity" with the value "50", and "Amount" with the value "50.00". At the bottom right, there are two buttons: "Cancel" (grey) and "Save" (blue).

iii.) Request Material Page (Delete)

You can click the delete button to delete your request and there will be a confirmation message if you want to delete the request.



A dialog box titled "Confirm Delete" with a close button (X) in the top right corner. It contains a text prompt: "Are you sure you want to delete this material?". At the bottom right, there are two buttons: "Cancel" (grey) and "Delete" (red).

4.) Report Generation (Both Admin and Staff)

In this page both of the admin and staff can generate report click for the month you want and click the generate button to show all the materials added on the inventory on the specific month you choose, also you can print the report by clicking the print button

Report Generation

Select Month
December
Generate
Print

Inventory Name	Quantity	Amount
Hollowblocks	600	P10.00
Landok	400	P150.00
Flywoods	350	P200.00
Boysen Paint (Blue)	100	P450.00
Roof	50	P450.00
Alambre	50	P120.00
Square Bar 10mm	100	P200.00
Seal Gray	100	P80.00
Hardie Flex	300	P120.00
Lumber	50	P110.00
Boysen Paint (Black)	100	P450.00
Cement	100	P50.00
Total Amount:		P2390

i.) Report Generation - Print (Both Admin and Staff)

This will show when you click the print button

12/20/2023, 5:58 PM
Print

A-King Construction Inventory System

Report Generation on the month of December

Inventory Name	Quantity	Amount
Hollowblocks	600	P10.00
Landok	400	P150.00
Flywoods	350	P200.00
Boysen Paint (Blue)	100	P450.00
Roof	50	P450.00
Alambre	50	P120.00
Square Bar 10mm	100	P200.00
Seal Gray	100	P80.00
Hardie Flex	300	P120.00
Lumber	50	P110.00
Boysen Paint (Black)	100	P450.00
Cement	100	P50.00
Total Amount:		P2390

Generated By: Arjay Lalas

Print

1 sheet of paper

Destination
Microsoft Print to PDF

Pages
All

Layout
Portrait

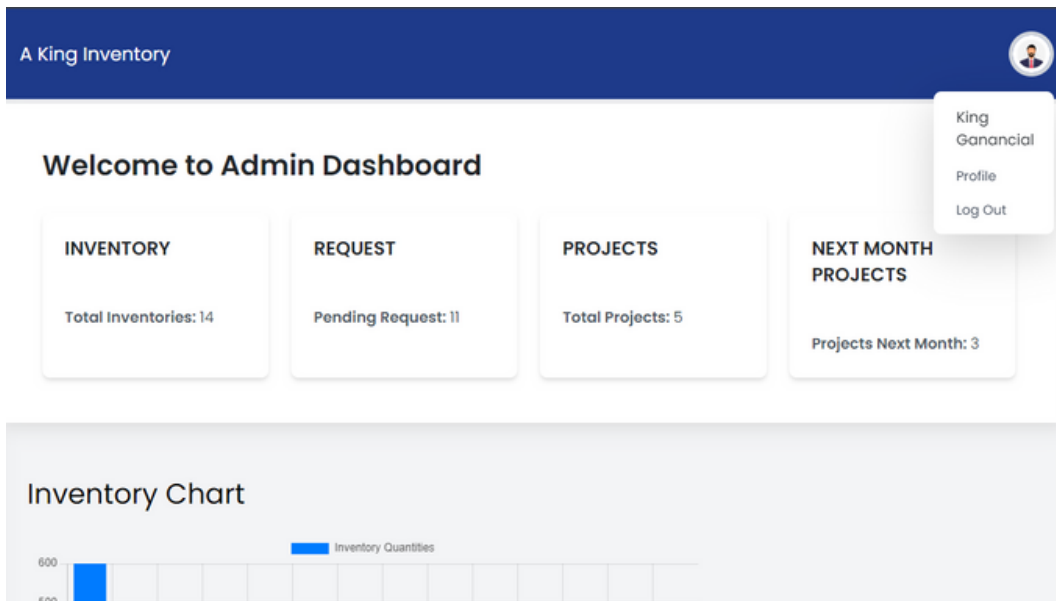
Color
Color

More settings

Print
Cancel

5.) Avatar Icon (Both Admin and Staff)

You can click the avatar icon in the upper right corner to navigate to profile and logout button



i.) avatar Icon - Profile (Both Admin and Staff)

When you click the profile you will be navigated to the profile information, update password and delete account.

