# <u>Dilum BMK Engineers (PVT) Ltd Tools</u> <u>Management System – User Manual</u>

#### 1. Introduction

The Tools Management System is designed to streamline the process of managing Inventory of tools, and projects activities of the organization. This system provides userfriendly interfaces for Inventory Management. It ensures efficient management of all tools assigned to the projects and it helps to maintain accurate records.

# 2. Getting Started

# System requirements

Ensure you have the following:

- A device with internet access.
- A modern web browser (e.g., Google Chrome)
- Your valid username and valid password.

# 3. Logging In

Open your web browser and go to application using URL You will see the login screen:

- 1. Enter your Valid Username and Valid Password.
- 2. Click on the Login button.

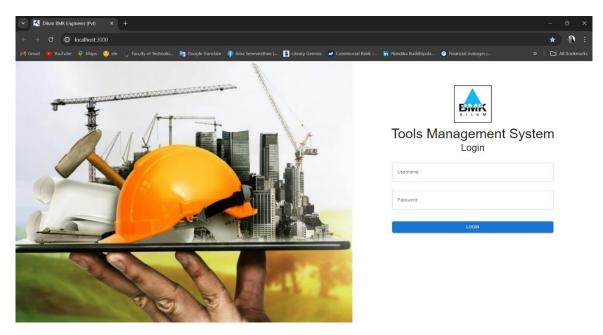


Figure 1- Login page of the Web application

3. Navigate to the dashboard according to role base.

#### 4. User Roles and Dashboards

After logging in, you will be directed to your dashboard based on your role. Each role has specific features and access levels.

#### 4.1 Admin

Dashboard Overview: Full access to system settings and user management.

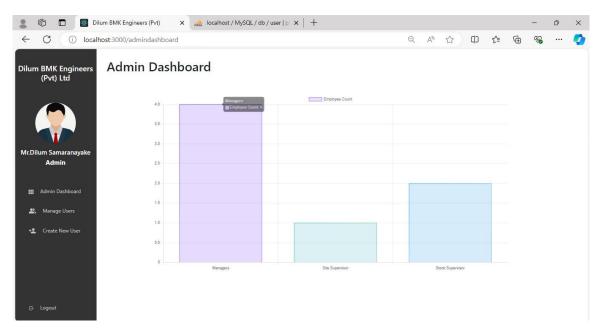


Figure 2 - Admin Dashboard

#### Features:

#### 4.1.1 Add New Users

- 1. Click the Create New User Section
- 2. Display the Create New User Form.
- 3. Fill all fields on the Form.
- 4. Click **Submit** button.

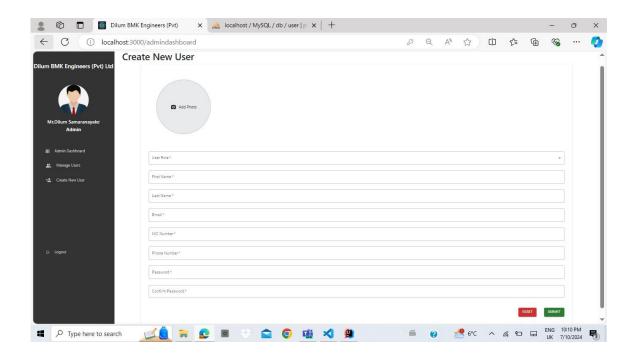


Figure 3 - Add New User Form

# 4.1.2 Manage Users

- 1. Click the Manage Users Section
- 2. Can view User Details
- 3. Click **Edit** button and can update user details.
- 4. Click **Delete** button and can delete user details

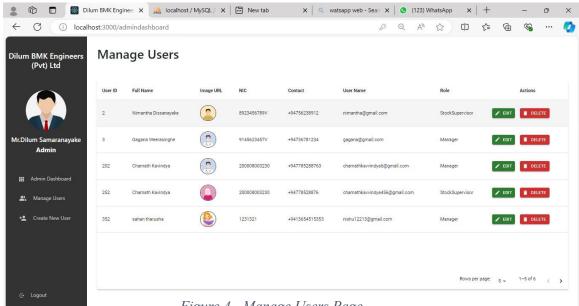


Figure 4 - Manage Users Page

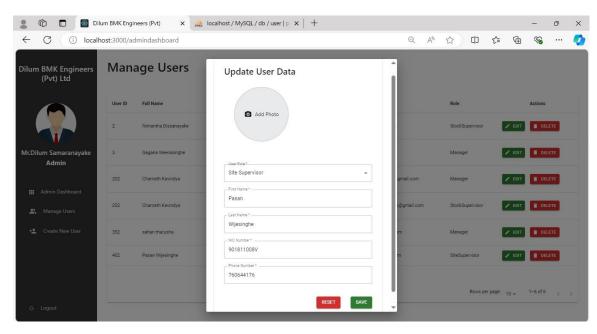


Figure 5 - Update User Form

# 4.2 Manager

Dashboard Overview: Shows tools inventory information.

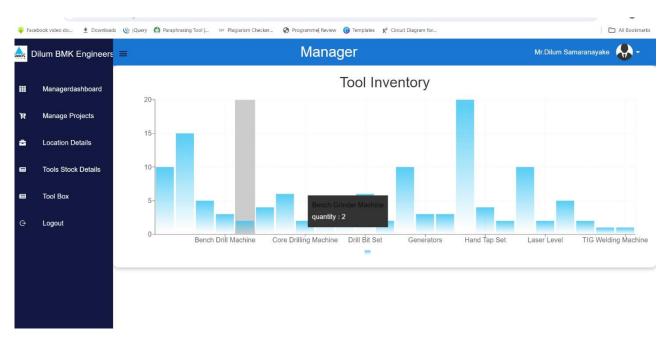


Figure 6 - Manager Dashboard

# Features:

## 4.2.1 Add New Project Details

- 1. Click the Manage Projects Section
- 2. Click the Add Projects button and Display Add New Project Form.
- 3.. Fill all fields on the Form.
- 4. Click **Submit** button.

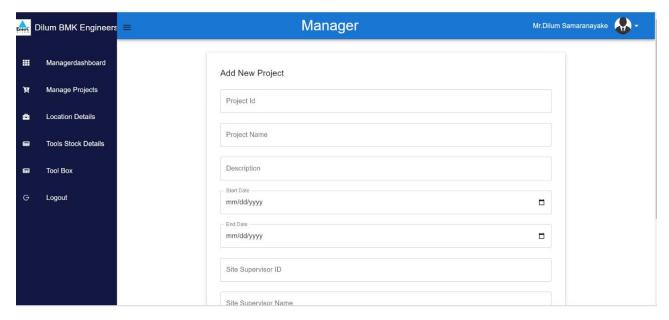


Figure 7 - Manager Add New Project Details Form

### 4.2.2 Manage Project Details

- 1. Click the Manage Projects Section
- 2. Can view Project Details
- 3. Click **Edit** button and can update project details.
- 4. Click **Delete** button and can delete project details

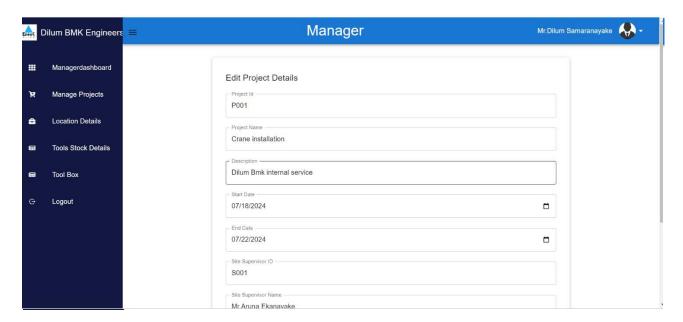


Figure 8 - - Manager Update Projects Details Form

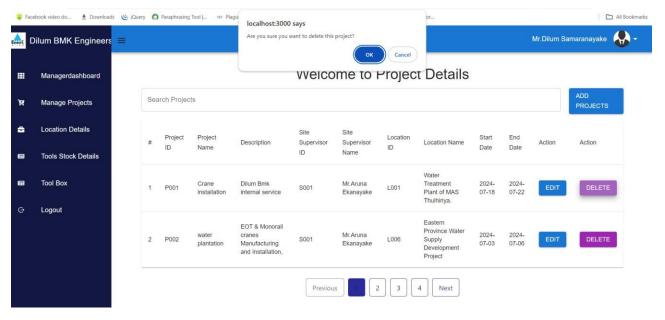


Figure 9 - Manager Delete Project Details

# 4.2.3 Manage Location Details

- 1. Click the Location Details Section
- 2. can View Location Details
- 3. Click ADD LOCATIONS button and display Add Location Form
- 4. Click EDIT button and open the Location details Update Form
- 5. Click the **DELETE** button and can delete location details.

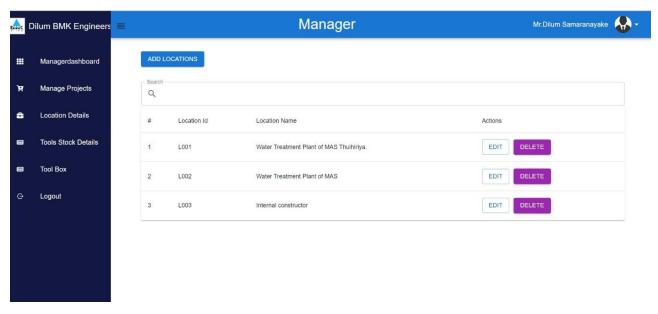


Figure 10 - Location Details Page

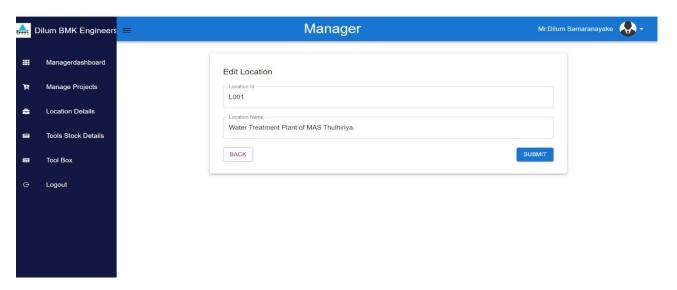


Figure 11 - Manager Edit Location Form

#### **4.2.4 View Tools Details**

- 1. Click the Tools Stock Details Section
- 2. Can View Tools Details page

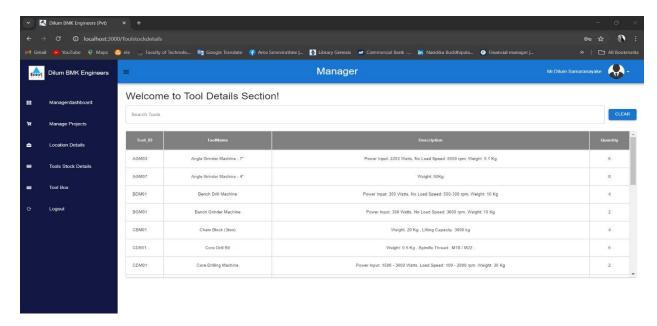


Figure 12 - Manager View Tools Details Page

#### 4.2.5 View Toolbox Details

- 1. Click the **Toolbox** Section
- 2. Can view Toolbox details



#### 4.3 Stock Supervisor

Dashboard Overview: Shows tools inventory information.

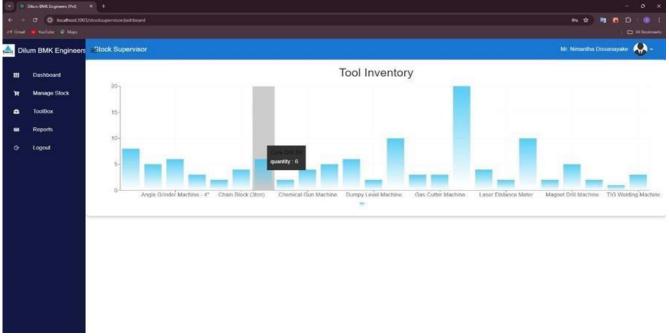


Figure 14 - Stock Supervisor Dashboard

# 4.3.1 Manage Stock

- 1. Click Manage Stock Section.
- 2. Can view Tool details
- 3.Click ADDTOOL button and display Add New Tool Form.
- 4. Click **UPDATE** button and display **Update Tool Details Form and** after changing details click **UPDATE** button
- 5. Click **DELETE** button and display message box. After Clicking **OK** the tool details will delete.

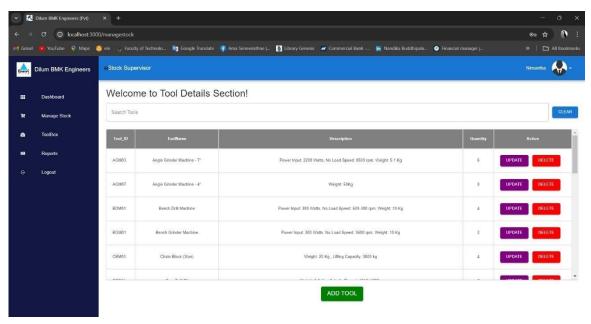


Figure 15 - Stock Supervisor View Tool Inventory

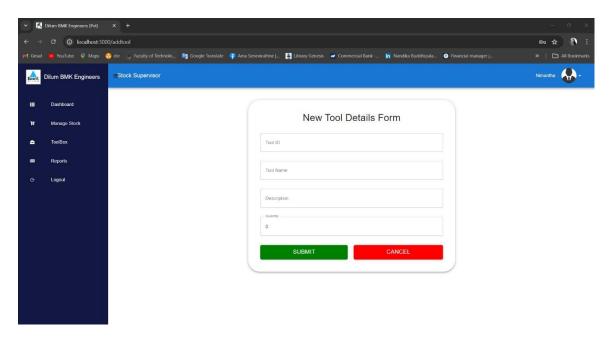


Figure 16 - Stock Supervisor New Tool Details Form

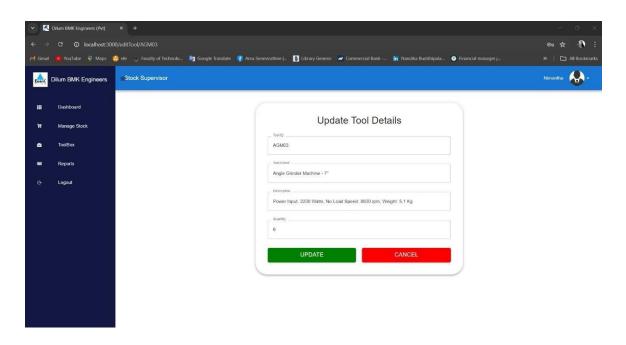


Figure 17 - Stock Supervisor Update Tool Details Form

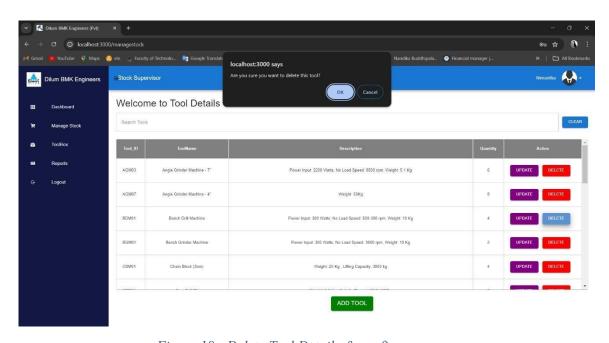


Figure 18 - Delete Tool Details & confirm message

#### 4.3.3 Manage Toolbox

- 1.Click **TOOLBOX** section and Navigate to Toolbox Details Page
- 2. Click **CREATE TOOLBOX** button and Open the **New Toolbox Details Form.**
- 3. can Add new toolbox details and can select more tools to the toolbox clicking **SELECT TOOLS** button and navigate to **select tools page** and click **SUBMIT** button to create new toolbox.
- 4. Click UPDATE button will open Update Toolbox Form
- 5. Click **DELETE** button to delete the toolbox details from the inventory.
- 6. Click **TRACK TOOLBOX** button and navigate the page name Track toolbox and want to select the toolbox Id and display selected tools and location of the toolbox.

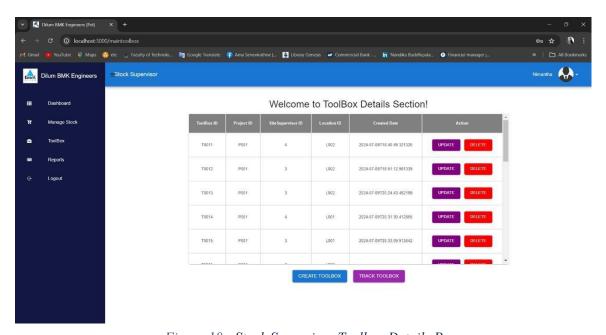


Figure 18 - Stock Supervisor Toolbox Details Page

After Clicking CREATE TOOLBOX button,

#### **Create New Toolbox**

- 1. Enter relevant toolbox tool details and Click **SELECT TOOLS** button to select tools to toolbox.
- 2. Click **SUBMIT** after adding all the toolbox details.
- 3. If you want to cancel details, you can Click **CANCEL** button.

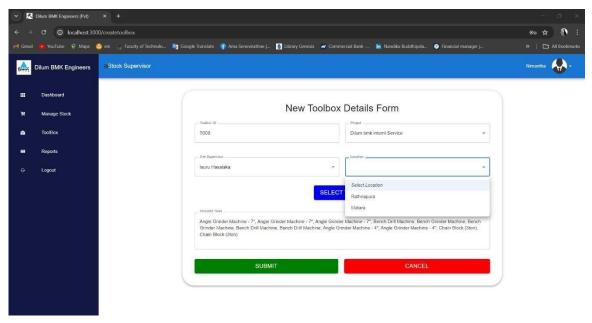


Figure 19 - Stock Supervisor Create New Toolbox Details Form

# After Clicking SELECT TOOLS button it shows,

#### **Adding Selected tools to toolbox**

- 1.Can select tools one by one using ADD TOOL button.
- 2.Click ADD TOOL button and adding it to Cart.
- 3.Click Cart and Can see Selected tools. If you want to any tool from selected tools, you can remove tool using REMOVE button.

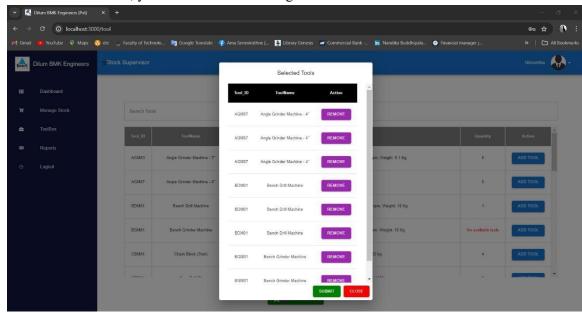


Figure 20 - Stock Supervisor Selected Tools Section

#### After Clicking UPDATE button,

#### **Update Toolbox Details Form**

- 1.Update toolbox details
- 2. Click **UPDATE** button.
- 3. If you want to cancel it, you can click CANCEL.

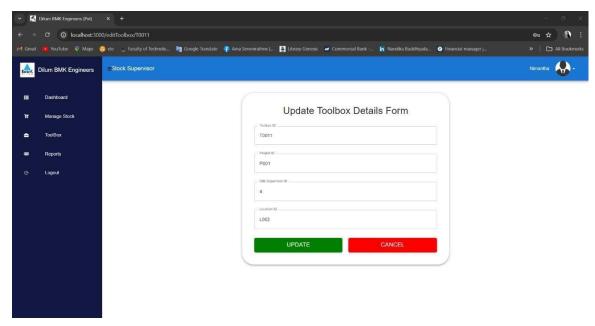


Figure 21 - Stock Supervisor Update Toolbox Details Form

After Clicking Track Toolbox button,

#### **Track Toolbox**

- 1. Using Toolbox Id Search the toolbox location and other details by clicking SEARCH button.
- 2. Can see table of details.

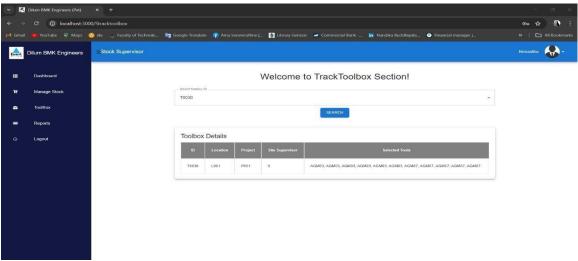


Figure 22 - Stock Supervisor Update Toolbox Details Form

# 4.3.4 View Report Details

- 1. Click **Reports** in sidebar section and it shows the details of reports.
- 2. Click the **Download** button and can view required tools reports.

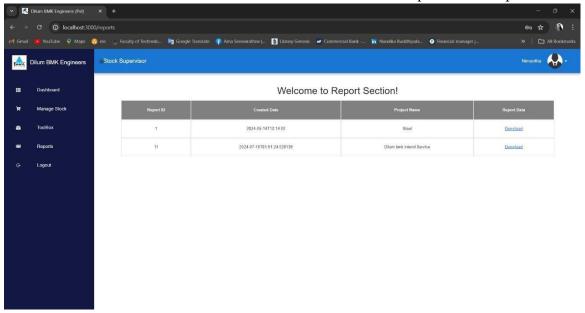


Figure 22- Stock Supervisor Report Details Page

# 4.4 Site Supervisor

**Tool Inventory Tool Locations** Tool Name Angle Grinder Machine - 7

Dashboard Overview: Shows Inventory and Tool Locations

Figure 23- Site Supervisor Dashboard

### **4.4.1 View Tool Status Reports**

- 1.Display Tool Status Report details relevant to different projects and can view Report using VIEW icon.
- 2.Can Delete report data using **DELETE** icon.

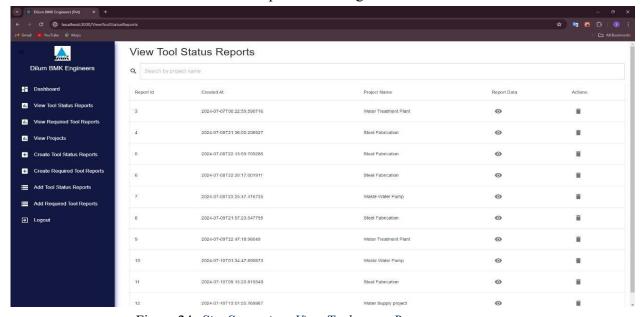


Figure 24- Site Supervisor View Tool status Reports page

#### 4.4.2 View Required Tool Reports

1. Display Required Tool Report details relevant to different projects and can view Report using VIEW icon.

2. Can Delete report data using **DELETE** icon. View Required Tool Reports Dilum BMK Engineers Q Search tools using project name Created At Project Name 2024-07-07T00 25 33 29817 Steel Fabrication 2024-07-08T22 22 01 763038 Waste Water Pump + Create Tool Status Reports 2024-07-09T21:12:00:550934 Steel Fabrication + Create Required Tool Reports Add Tool Status Reports 2024-07-10T01.35.07.400315 2024-07-10T08 57:28 77369 Waste Water Treatment Plant

Figure 25- Site Supervisor View Required Tool Reports page

#### 4.4.3 View Project Details

1. Can view Project Details.

I Can view Project Details.

I Can view Project Details.

I Dilum BMK Engineers

Dilum BMK Engineers

View Projects Details

View Projects Details

View Projects Details

View Projects Details

Description

Site Supervisor ID

Site Supervisor Name

Location ID

Project ID

Project ID

Project Rane

Description

Site Supervisor ID

Site Supervisor ID

Site Supervisor Name

Location ID

Project ID

Project ID

Project Rane

Project ID

Project Rane

Description

Site Supervisor ID

Site Super

Figure 26- Site Supervisor View Project Details page

#### **4.4.4 Generate Tool Status Reports**

- 1.Select toolbox by Tool List
- 2.Update tool status
- 3. Click Generate Report button.
- 4. After shows Report details, Created at and report **view** button. If you want to view report, you can click it and view.

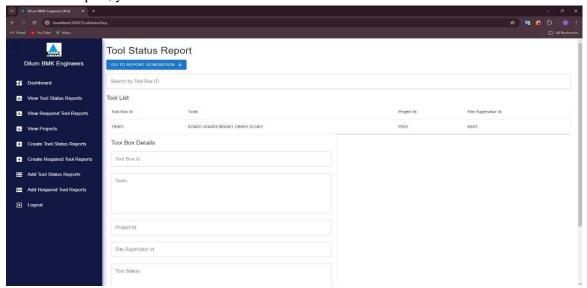


Figure 27- Site Supervisor Create Tool Status Report page

#### 4.4.5 Generate required Report Details

- 1. Select required tools
- 2. Click Generate Required Report button
- 3. Creating a report and View Report button you can see the report.

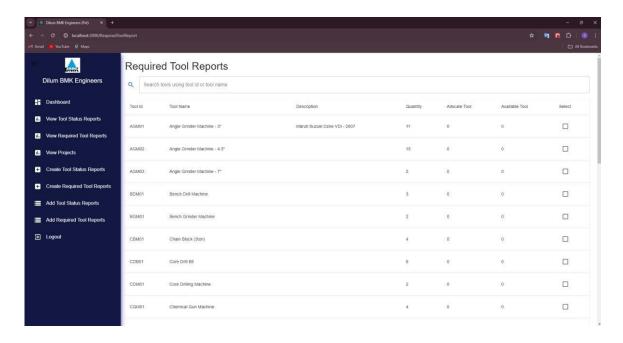


Figure 28- Site Supervisor view Required Tool Report page

#### 4.4.6 Add Required Report Details

- 1. Enter Project Name and Choose report file
- 2. Click the **SUBMIT** button.
- 3. Shows and message box and if it confirms add report details.
- 4. By Clicking view Tool Status Reports you can see the newly added reports.

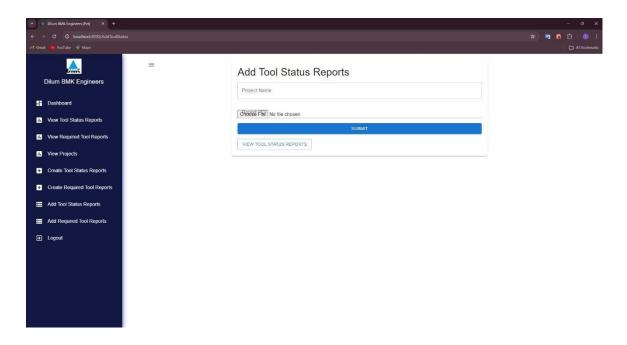


Figure 29- Site Supervisor Add Tool Status Report Form page

# 4.4.7 Add Required Report Details

- 1. Enter Project Name and Choose report file
- 2. Click the **SUBMIT** button.
- 3. Shows and message box and if it confirms add report details.
- 4. By Clicking View Required Tool Reports you can see the newly added reports.

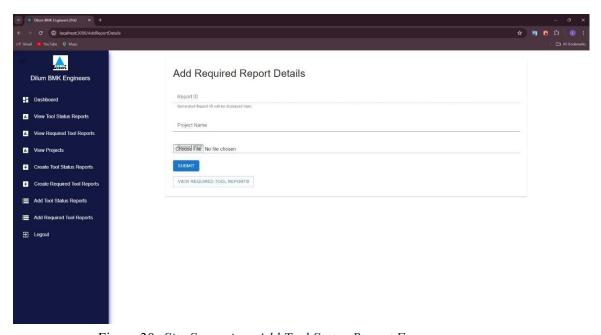


Figure 30- Site Supervisor Add Tool Status Report Form page

# **5. Troubleshooting**

- Dashboard Access: Verify your role with the admin if you cannot access certain features.
- Technical Issues: Clear your browser cache or try using a different browser.