
TEST Compliance Report

for

Road Repair and Tracking Software

Created by

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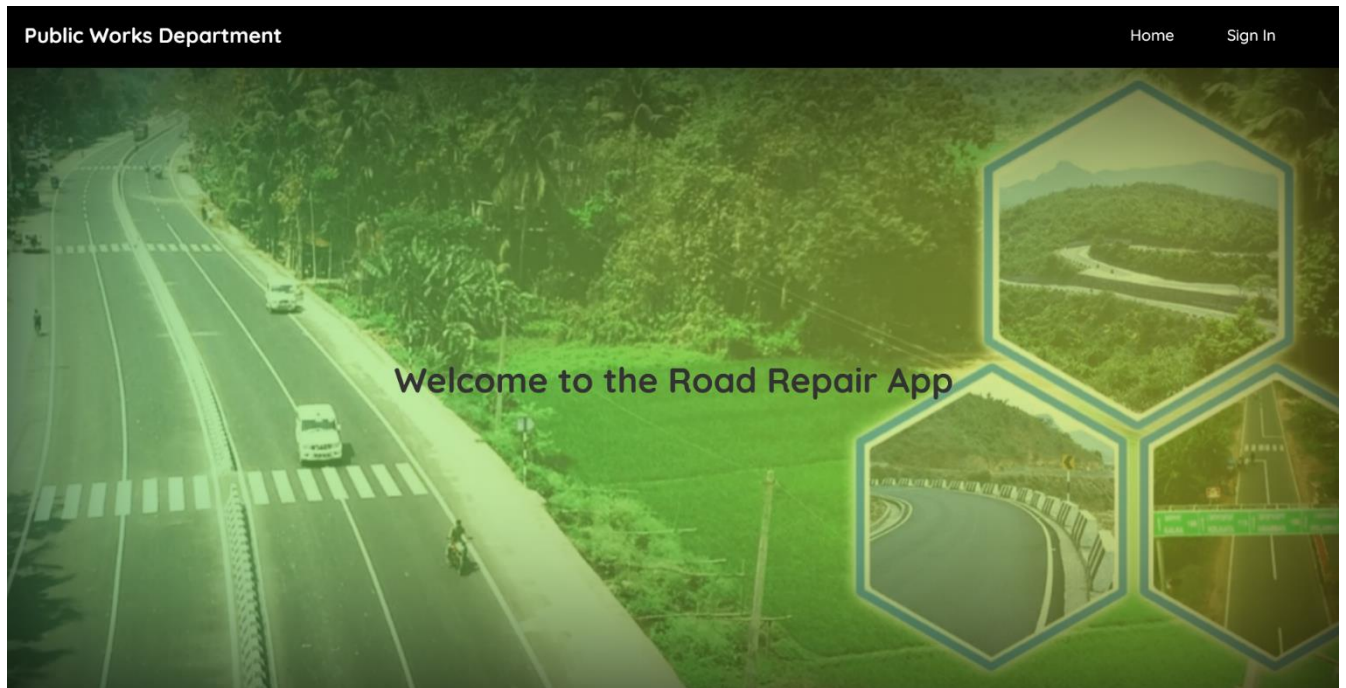
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Team: Akatsuki

Home Page

- When User is not logged in



In the top right, there are two buttons: Home, Sign in.

- Clicking on “Sign In” button will direct them to the Login in page.
- Clicking on the “Home” button will redirect them to the shown home page.

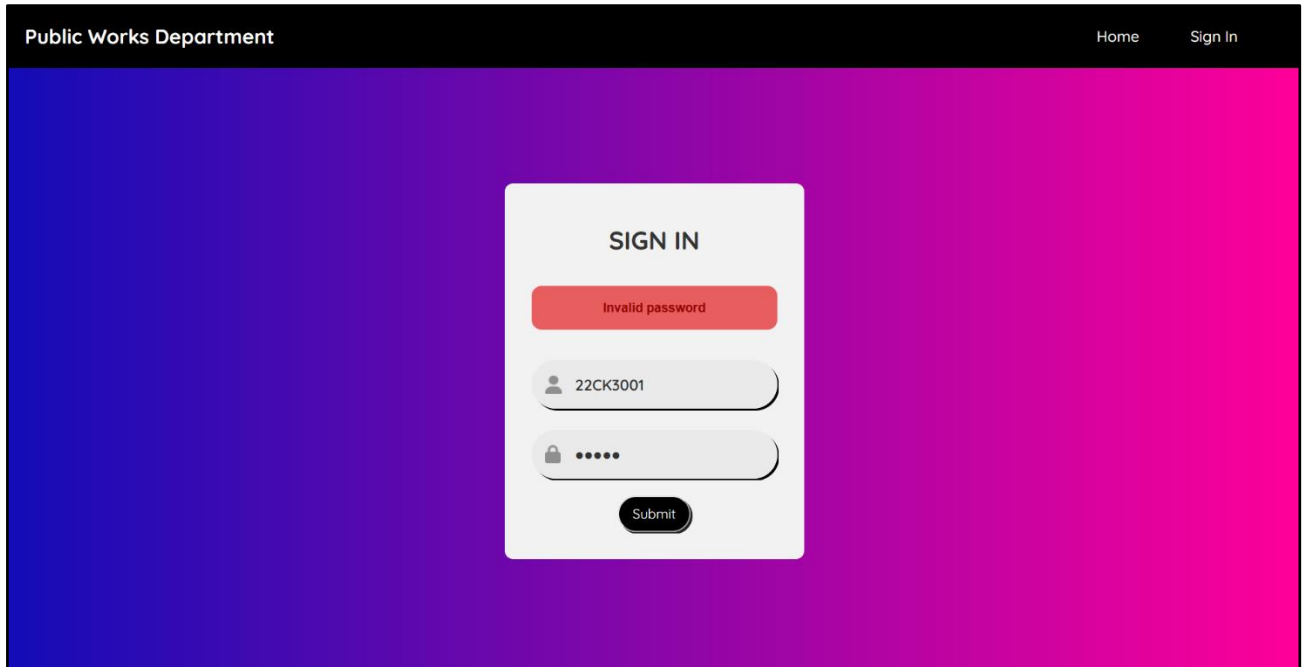
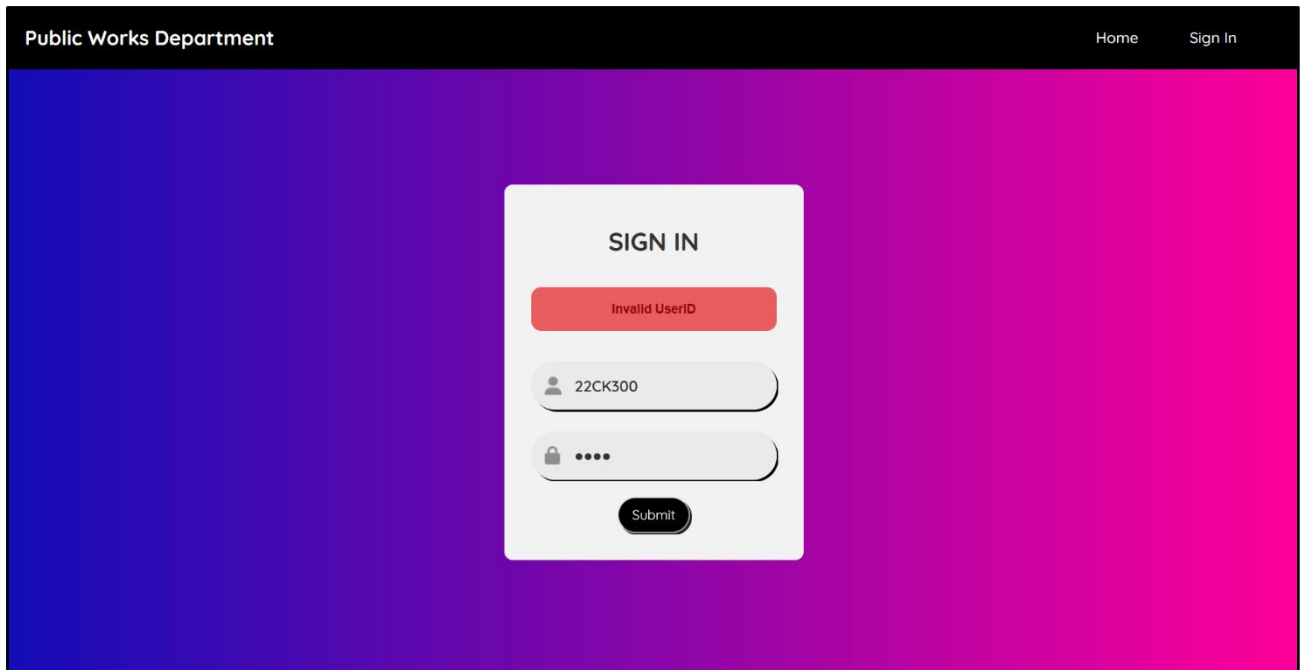
Login Page

- On clicking “Login” from the home page (when not logged in), it will redirect to the Login Page.

The screenshot shows a web application's login page. At the top, a black navigation bar contains the text 'Public Works Department' on the left and 'Home' and 'Sign In' links on the right. The main content area has a vibrant blue-to-purple gradient background. Centered on this background is a white rectangular form titled 'SIGN IN'. The form contains two input fields: the first is labeled 'UserID' with a person icon, and the second is labeled 'Password' with a lock icon. Below these fields is a black 'Submit' button.

Here, both the fields: Username & Password are required fields.

- On entering the wrong username or password, it will redirect again to the login page and a message flashes stating “Invalid User Id” or “Invalid Password”.

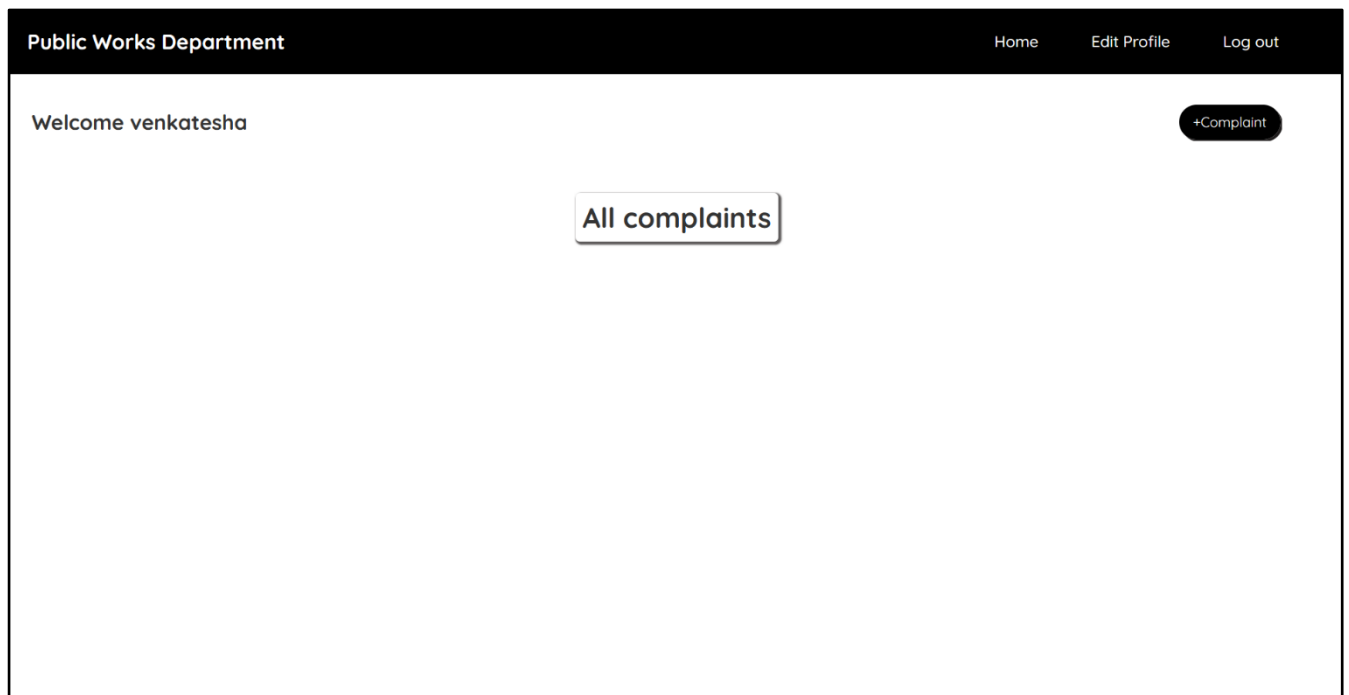


- After entering valid login credentials and clicking the submit button, users will be redirected to their respective home pages based on their user ID and their type.

Register Complaint:

For Clerk:

- After logging in, the clerk will be redirected to the clerk's home page.



- Navbar has three buttons on the top-right:
 - Edit Profile: Clicking on 'Edit Profile' will redirect him to the profile section where he can view the entered credentials and make edits if necessary.
 - Log out: Clicking on 'Log out' will log the user out of their account and redirect them to the login page.
 - Home: Clicking on 'Home' will redirect the user to the home page displayed above.
- Beneath the "All Complaints" header, user(clerk) can view all the complaints within their sub-urb along with their status.
- On clicking "+Complaint", user will be redirected to the complaint form page (shown below)

Public Works Department

[Home](#)[Edit Profile](#)[Log out](#)

Complaint Form

Location

Area 1 colony 3

Complaint

Severe road damage due to heavy rain

Submit

- After submitting the complaint form by clicking on submit button, clerk user will be redirected to the home page, where he can now see the entered complaint can delete it until the status is new (i.e. until supervisor enters the data form / discards the complaint)

Public Works Department

[Home](#)[Edit Profile](#)[Log out](#)

Welcome venkatesha

+Complaint

All complaints

Problem : Severe road damage due to heavy rain

Delete

Address : Area 1 colony 3

Status : new

Add Needed Resources:

For Supervisor:

Public Works Department

Home Sign In

SIGN IN

22SP2001

••••

Submit

- After supervisor logs in, he can view the new complaints and can add data for the complaint.

Public Works Department

Home New Complaints Work Schedule Completed Works Edit Profile Log out

New complaints

Address : Area 1 colony 3

Problem : Severe road damage due to heavy rain

Add Data

- After clicking “Add Data” button for a complaint, user(supervisor) will be redirected to the page shown below, where the supervisor can add data of the resources needed for the specific complaint and the estimated time and priority

Public Works Department

Home

New Complaints

Work Schedule

Completed Works

Edit Profile

Log out

Number of Workers:

0

Number of Civil Engineers:

0

Number of Site Supervisors:

0

Asphalt in kg:

0

Concrete in kg:

0

Gravel in kg:

0

No. of Road Rollers:

0

No. of Excavators:

0

No. of Dump Trucks:

0

Estimated Time:

0

Priority:

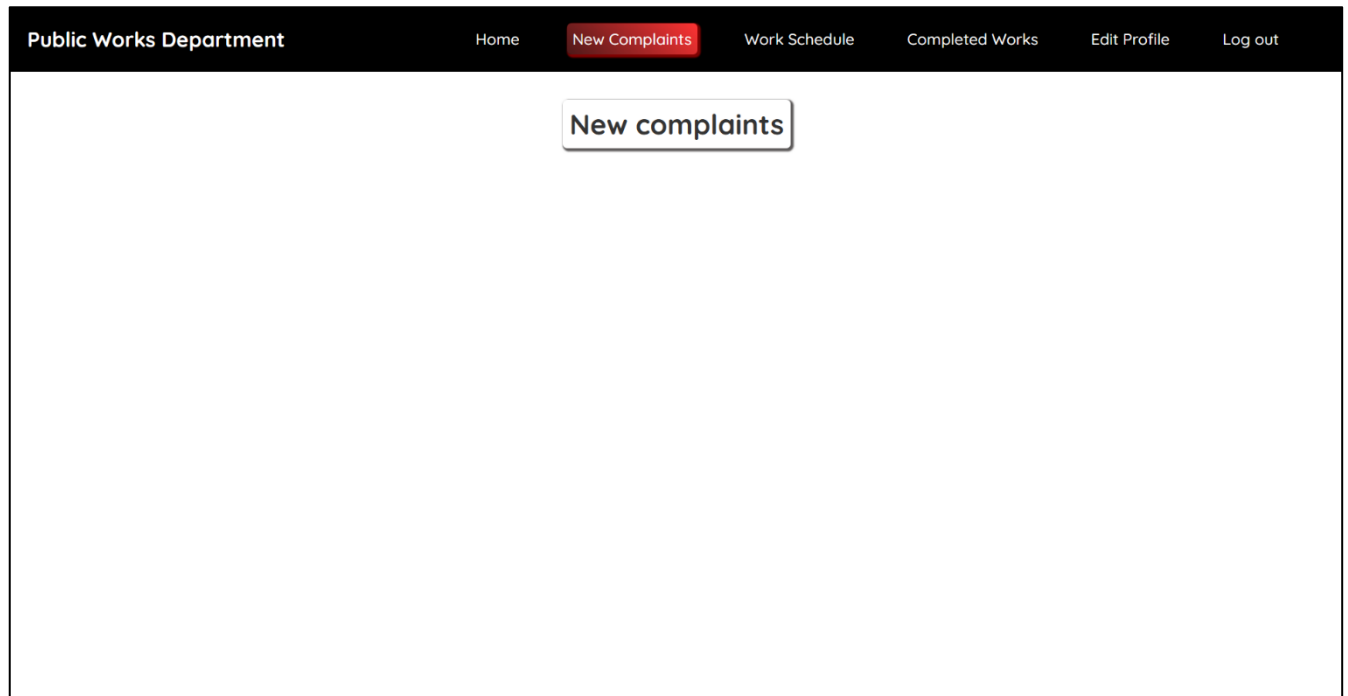
Select Option

Submit

Number of Workers:	<input type="text" value="50"/>
Number of Civil Engineers:	<input type="text" value="8"/>
Number of Site Supervisors:	<input type="text" value="0"/>
Asphalt in kg:	<input type="text" value="200"/>
Concrete in kg:	<input type="text" value="200"/>
Gravel in kg:	<input type="text" value="199"/>
No. of Road Rollers:	<input type="text" value="5"/>
No. of Excavators:	<input type="text" value="4"/>
No. of Dump Trucks:	<input type="text" value="8"/>
Estimated Time:	<input type="text" value="5"/>
Priority:	<input type="text" value="A"/>
<input type="button" value="Submit"/>	

- After filling and submitting the form, the complaint will be updated and marked “pending” and those needed resources will be allotted to the complaint.

- As the Data form is submitted for the complaint, its status is now “pending” and hence removed from New Complaints.

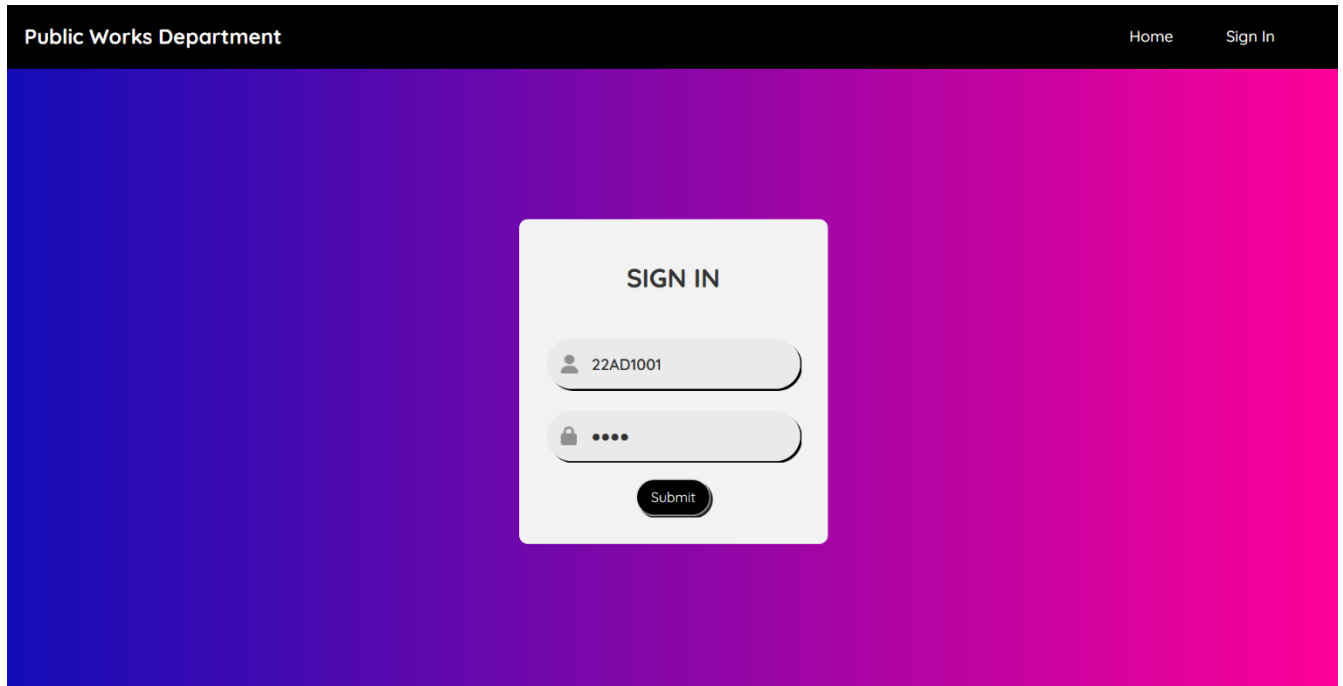


- But for the work to be “ongoing” it should be given resources which is decided according to the priority and time and number of workers needed, and this is done when the administrator clicks the Update Work Schedule button.

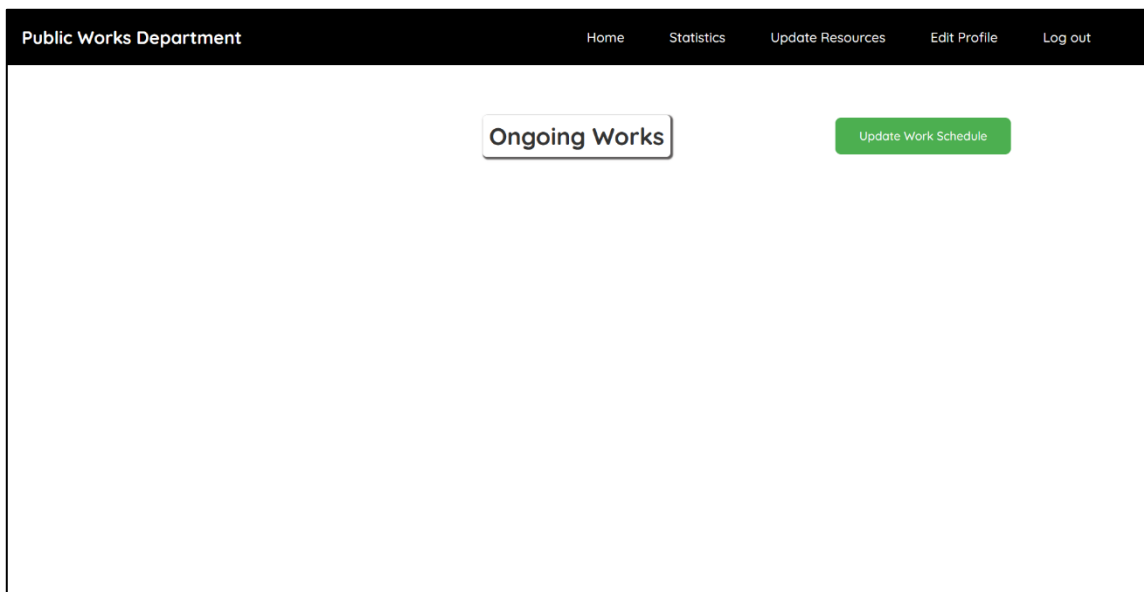
Update WorkSchedule:

For Administrator:

- The Administrator enters his UserID and password to login.

A screenshot of a web application's login page. The header is a black bar with 'Public Works Department' on the left and 'Home' and 'Sign In' on the right. The main area has a blue-to-pink gradient background. In the center is a white 'SIGN IN' box containing a UserID input field with '22AD1001', a password input field with four dots, and a 'Submit' button.

- After logging in, user will be directed to The Administrator Homepage, which has a list of ongoing work which is first empty as there are no ongoing works yet.

A screenshot of the administrator homepage. The header is black with 'Public Works Department' on the left and 'Home', 'Statistics', 'Update Resources', 'Edit Profile', and 'Log out' on the right. The main content area is white and contains a box labeled 'Ongoing Works' and a green 'Update Work Schedule' button.

- Upon clicking the “update work schedule” button the work schedule is updated.
- Now after the work schedule is updated, the works are given resources according to the

priority and time and Workers needed. Now we can see the Ongoing Works list is updated and we can see the resources allotted also.

Public Works Department

Home

Statistics

Update Resources

Edit Profile

Log out

Ongoing Works

Update Work Schedule

Problem : demand for double road

Address : Area 2 colony 2

Expand Details

- On clicking “expand details” the resources taken is displayed.

Public Works Department

Home

Statistics

Update Resources

Edit Profile

Log out

Ongoing Works

Update Work Schedule

Problem : Severe road damage due to heavy rain

Address : Area 1 colony 3

Collapse Details

Time: 3

Workers: 50

Civil Engineers: 8

Site Supervisors: 1

Asphalt (kg): 200

Concrete (kg): 200

Gravel (kg): 199

Road Roller: 5

Excavators: 4

Dump Trucks: 8

In Supervisor Page:

- The updated work schedule can now be viewed by supervisor in the Work Schedule, and he can carry out the work.

Public Works Department[Home](#)[New Complaints](#)[Work Schedule](#)[Completed Works](#)[Edit Profile](#)[Log out](#)

Work_schedule

Problem : Severe road damage due to heavy rain

work completed

Address : Area 1 colony 3

Status : ongoing

- If the work is completed, the supervisor clicks the button” work completed” and the work is moved into completed works.

Public Works Department[Home](#)[New Complaints](#)[Work Schedule](#)[Completed Works](#)[Edit Profile](#)[Log out](#)

Completed Works:

Problem: : Severe road damage due to heavy rain

Address : Area 1 colony 3

In Administrator Page:

- The Administrator can change or update the available resources of the city and then should again update work schedule.

Public Works Department[Home](#)[Statistics](#)[Update Resources](#)[Edit Profile](#)[Log out](#)

Edit Available Resources:

Number of Workers:

Number of Civil Engineers:

Number of Site Supervisors:

Asphalt in kg:

Concrete in kg:

Gravel in kg:

No. of Road Rollers:

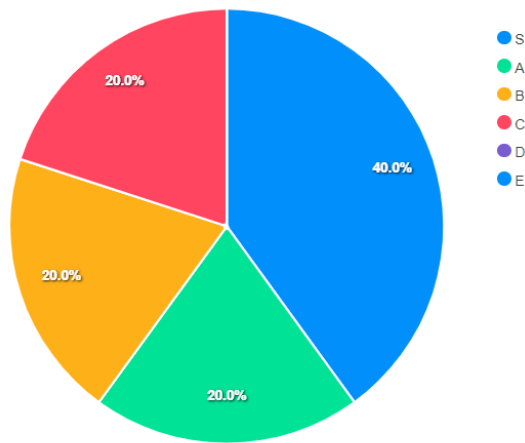
No. of Excavators:

No. of Dump Trucks:

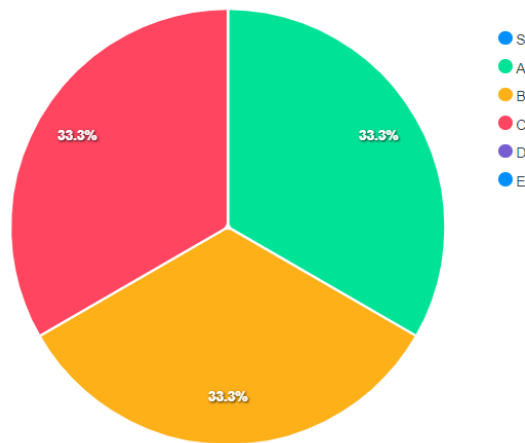
[Submit](#)

- The Administrator can view statistics and status of all works in the city.

All Works by Priority Level

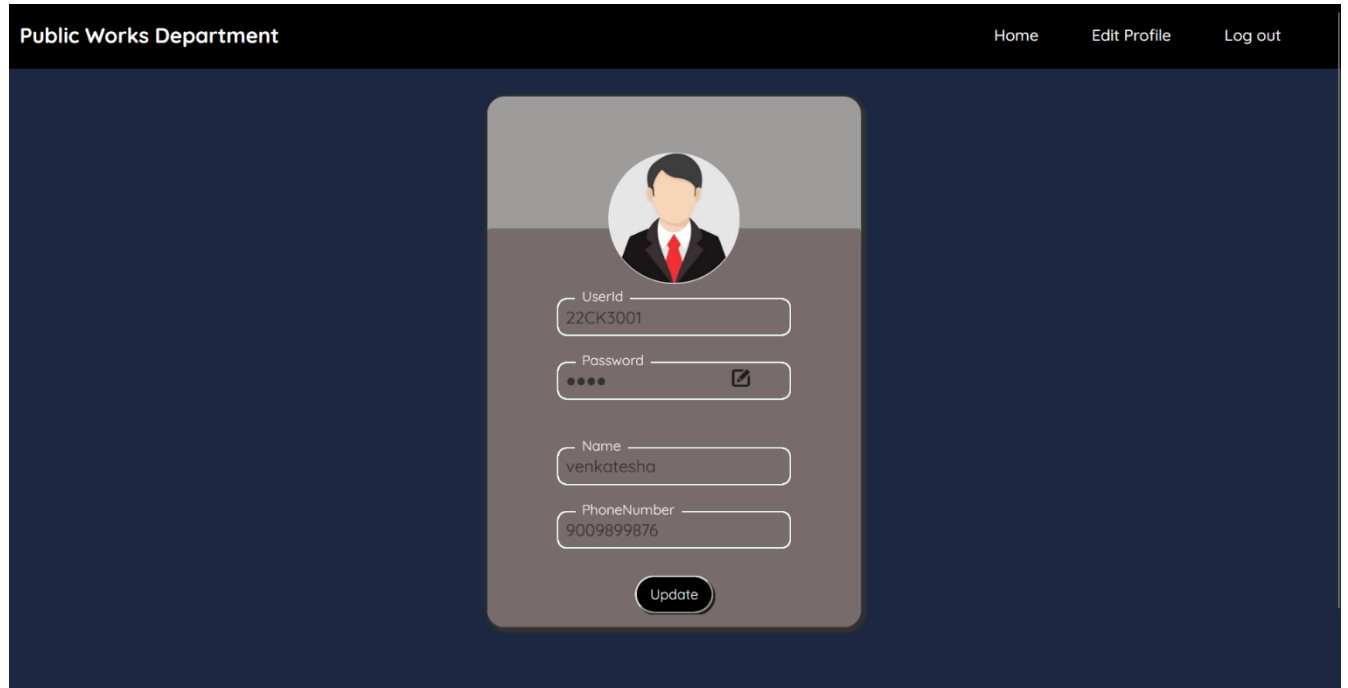


Completed Works by Priority Level



Edit Profile:

- The Users can also Update their profiles. For changing the password, it asks to enter the current password and after ensuring it allows to change the password. The name and Phone Number can be changed directly by changing it and clicking the submit button.



The screenshot displays the 'Edit Profile' interface within the 'Public Works Department' application. The top navigation bar includes 'Home', 'Edit Profile', and 'Log out' links. The main content area features a central profile card with a user avatar and the following fields:

- Userid:** 22CK3001
- Password:** A field with masked characters (dots) and a toggle icon for visibility.
- Name:** venkatesha
- PhoneNumber:** 9009899876

An 'Update' button is located at the bottom of the profile card.