

Road Repair and Tracking System

By Team
~Tech Wizards

Your Safety, our priority

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About Company:

- The company is the Public Works Department of a large city, responsible for maintaining and repairing the city's roads. It operates multiple branch offices, handling repair requests from residents. The department aims to improve efficiency by automating repair and tracking processes.

Project Name:

Road Repair and Tracking Software

Objective(Aim of the project):

- The objective of the Road Repair and Tracking System (RRTS) project is to automate the process of managing road repair tasks for a city's Public

Works Department. This includes handling repair requests, prioritizing tasks based on severity and area type, estimating resource requirements, scheduling repairs efficiently, and maintaining up-to-date data on manpower and machinery availability. Additionally, the system should generate reports on repair statistics and resource utilization for better administrative oversight and decision-making.

Users of the product:

- Resident
- Clerk
- Supervisor
- Workmanager
- Administrator
- Mayor

Technologies:

- *HTML*
- *CSS*
- *JavaScript*
- *Bootstrap*
- *Servlet*
- *JDBC*

- The project manager has to divide the project roles and responsibilities to various departments. Here we have Work break down structure model for dividing roles. As per the WBS the project manager divides the project. Each level of this structure breaks the project deliverables or objectives of more specific and measurable units.
- WBS will help with assigning responsibilities resource allocation, monitoring the project and controlling the project. The WBS makes the deliverables more precise and concrete so that the project team knows exactly what has to be accomplished with in each deliverable.

Work Assignment to Team *Tech Wizards:*

S.No	Work Name	Assigned person
1.	Requirements Gathering	Entire Team
2.	Interface	Entire Team
3.	Story board	Likhitha,pushpa,Sreeja
4.	WBS	Entire Team
5.	URD	Likhitha,pushpa,Sreeja
6.	SRS	Sai Keshava,Siva Shankar
7.	Risk Analysis	Entire Team
8.	Front end Design(HTML pages)	Sai Keshava,Siva Shankar
9.	Backend Design(DataBase)	Likhitha,pushpa,Sreeja
10.	Code Integration	Sai Keshava,Siva Shankar
11.	Testing	Entire Team
12.	Final Demo	Entire Team

Work Break Down Structure for RRTS:

