

Basic Details of the Team and Problem Statement



**SMART INDIA
HACKATHON
2022**

Ministry/Organization Name/Student Innovation:- Ministry of Housing and Urban Affairs

Problem Statement Title:- Municipal Finances and Tax Management System.

Problem Statement Number:- BV804

Team Name:- Team Chanakya

Team Leader Name:- Pravin Mahendra Jain

Institute Code:- 5108

Institute Name:- Maratha Vidya Prasarak Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering

Theme Name:- Software

Approach Details

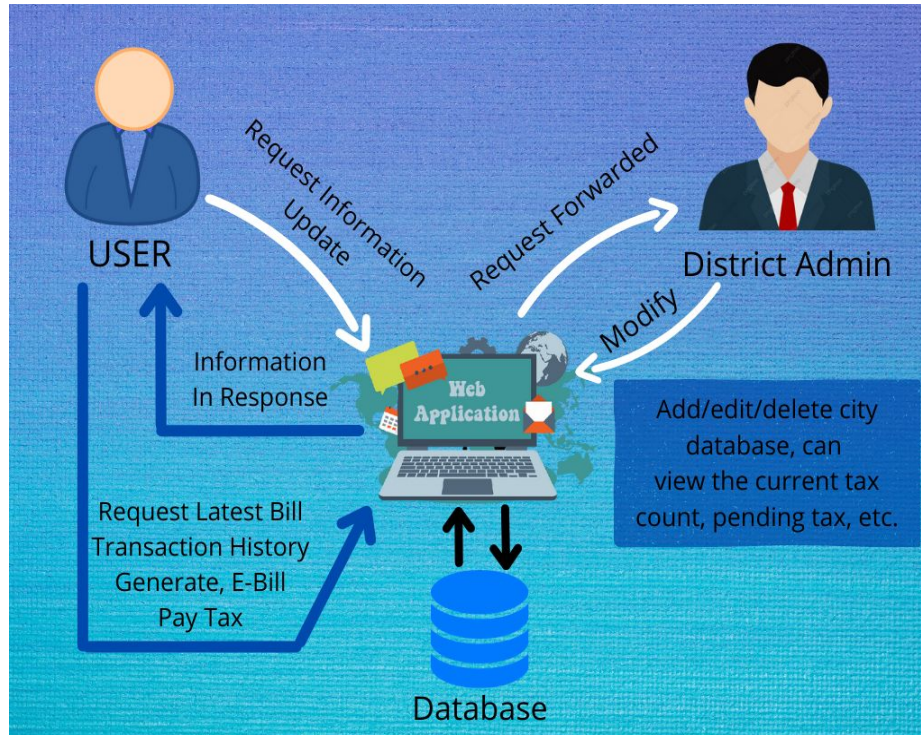
- A **Web Application** to be built with three portals for the user, admin & super admin.
- Design for **Property Taxpayer** with a feature to pay property tax of any Indian city on a single platform.
- The taxpayer would have to select his state and city, after which he will be given an option to input his credentials.
- Once logged in, the site is redirected to the **user dashboard** can see options such as view demand(shows Latest Bill and Option to pay Bill), show payment history/receipts, and view e-bill. Users can **pay bills** through a payment portal linked to the ministries bank account and after successful payment receipt is generated.
- **Admin:-** Each district admin can access the city dashboard where they can access the database of only their respective cities and can add users, edit, view details, generate new and generate reports of tax collected and defaulters for their city.

Technology Stack

- **Frontend:-**HTML5,CSS3,JavaScript
- **Backend:-**PHP
- **Database:-**MYSQL



Use Cases



Flow of Tax Management System

Dependencies

- User is dependent on admin district

Team Member Details

Team Leader Name: Pravin Mahendra Jain

Branch :B.E Stream: Computer Engineering

Year::III

Team Member 1 Name: Atharva Sanjay Belge

Branch :B.E Stream: Computer Engineering

Year::III

Team Member 2 Name: Onkar Arun Kulkarni

Branch :B.E Stream: Computer Engineering

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Team Member 3 Name: Prasad Kishor Desai

Branch :B.E Stream: Computer Engineering

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Team Member 4 Name: Sakshi Sunil Ahire

Branch :B.E Stream: Computer Engineering

Year::III

Team Member 5 Name: Kasturi Milind Wagh

Branch :B.E Stream: Computer Engineering

Year::III

Team Mentor 1 Name: Dr Darshan. V. Medhane

Category :Academic Expertise :Computational Intelligence

Domain Experience (in years):11 years

Team Mentor 2 Name: Prof Sopan A. Talekar

Category : Academic Expertise :Artificial Intelligence

Domain Experience (in years):17 years