TITLE:

SNAP RESCUE – Automobile Breakdown Management

2.ABSTRACT:

SnapRescue is a web-based platform that connects car and bike or any other vehicle owners with nearby workshops in case of a breakdown.the platform allows users to register ,input their location when a breakdown occurs,and receive assistance from nearby workshops.

1. User Registration Module and breakdown : Handles user registration, login, and authentication also allows users to report breakdowns.

2. Workshop Management Module: Manages workshop information, including location and availability.

3. Geolocation Module: Uses geolocation libraries to find nearest workshops and track user/workshop locations.

4. Notification Module and response module: Sends notifications to workshops and respond to the notification.

5. User Dashboard Module and Workshpo Dashboard Module: Displays user and workshop information, breakdown history, and workshop responses and requests,user locations.

3.TECHNOLOGY STACK:

Frontend:HTML,CSS,JAVASCRIPT

Backend:PYTHON-DJANGO Framework

Database:MYSQL

GEOLOCATION:

Google Maps API – powerful API for geolocation and mapping services.