**Future of Mobility**

Problem Statement 1: Multi Modal Transportation

**Problem Statement**: Multimodal transportation refers to using multiple modes of transportation, such as metro, buses, autos, cars, bikes, walking etc., to complete a single trip. Though Bengaluru has diverse transportation options, there is scope to improve integration, access, and efficiency (in terms of cost or transit time).

**Solution Scope & Deliverables**

The goal is to provide a multimodal transportation model(s) which is:

● Seamless: Integrate multiple modes to make it easy for customers. Solutions can be around

ticketing systems, transit between different modes, unified schedules, optimized routes, etc.

● Connectivity: Improve last-mile connectivity (Eg. from a bus stop or a metro station to the final

destination)

● Efficient: Reduce delays and unexpected wait times.

● Affordable: Make it accessible and affordable for the masses.

● Safe: Ideas to improve safety features and infrastructure enhancements.Sustainable : Reduce

environmental impact like pollution, wastage management.

**Solution :**

Improved Public Transportation:

The city's bus network should be expanded and made more efficient. Additionally, the integration of different modes of public transportation such as buses and trains should be improved to enable seamless travel across the city.

Real-Time Information:

Real-time information about the schedules, routes, and expected arrival times of various modes of transportation should be made available to commuters. This can be achieved through mobile apps, electronic display boards at bus stops and train stations, and other digital platforms.

Last-Mile Connectivity:

To improve access to public transportation, the city can introduce shared mobility options like bike-sharing, e-scooters, and auto-rickshaws to cover the first and last-mile distances to and from public transportation nodes.

Dedicated Bicycle Lanes:

The city can introduce dedicated bicycle lanes to promote cycling as a mode of transportation. This would reduce traffic congestion and also improve air quality in the city.

Intelligent Transport Systems:

The city can implement intelligent transport systems (ITS) to manage traffic flow and optimize travel times. ITS can also enable the integration of different modes of transportation by providing real-time information to commuters and traffic management authorities