

Smart JAMP(2021) Pre Feasibility Study on Development of Multi-modal Transport Platform in Jakarta

Category of Issues
in the Area

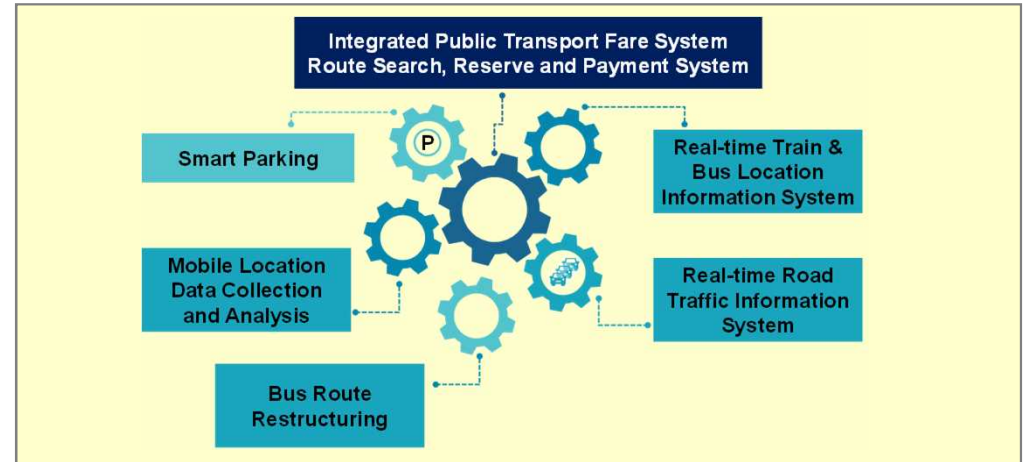


Target Area	<ul style="list-style-type: none"> Jakarta Metropolitan Area, Republic of Indonesia
Background and Purpose	<ul style="list-style-type: none"> Various modes of transport such as MRT, LRT, BRT and Mikrotrans have been providing transportation services in Jakarta. Hailing services like Gojek, Grab and others have become popular among the residents. These transportation services has not been integrated. Development of multimodal transportation platform is urgently required for efficient economic activities and sustainable economic growth.
Related Organization	<ul style="list-style-type: none"> Jakarta Smart City (JSC), Transportation Agency, DKI Jakarta (DisHub), JakLingko and Ministry of Home Affairs
Project Stage	<ul style="list-style-type: none"> Pre-feasibility Study

Contents and Results

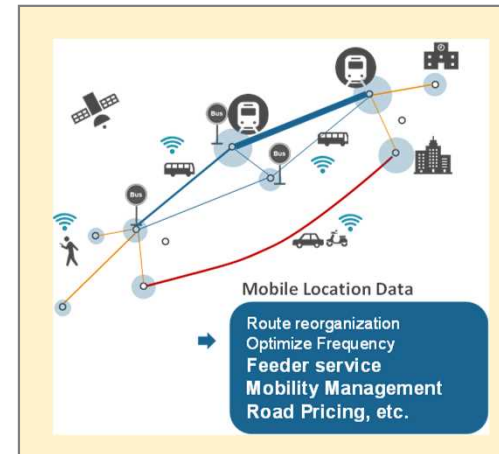
- 1. Understanding of Needs in Jakarta**
 - Multi-modal transport platform has been developed by JakLingko; consequently, additional and necessary functions to the application prepared in JakLingko were sought.
- 2. Collection of Existing Transport Services**
 - Information on the operation and fare of the existing public transport such as MRT, LRT, BRT and the planned integrated fare system were collected.
- 3. Consolidation of issues for materializing Multi-modal Transport Platform**
 - It was proposed to add real time train and bus location information system, real time road traffic information system, smart parking system, individual movement information and analysis system and bus route restructuring system.
- 4. Pre Feasibility Study on Multimodal Transport Platform**
 - Necessity and possibility of the proposed functions were discussed with DisHub, JakLingko and JSC.

Source: Jabodetabek Urban Transportation Policy Integration Phase 2, 2010



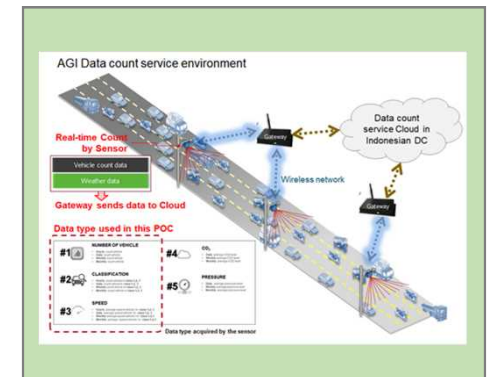
Source: Study Team

Figure 1: Proposed Additional Systems to JakLingko Application



Source: Study Team

Figure 2: Mobile Location Data Collection and Analysis



Source: Homepage, Murata Manufacturing Co., Ltd.

Figure 3: Real time Road Traffic Information System