

CASE STUDY: ENGINEERING MANAGEMENT SYSTEM FOR EARLY WARNING CTIRICAL PROJECT OF INDONESIAN AUTHORITY

By Maiko Lesmana Dewa University of Bung Karno Jakarta Faculty of Engineering Civil Engineering Studies

Presented at The Ecosystem of The Digital Economy, International Interuniversity conferences, Jakarta City

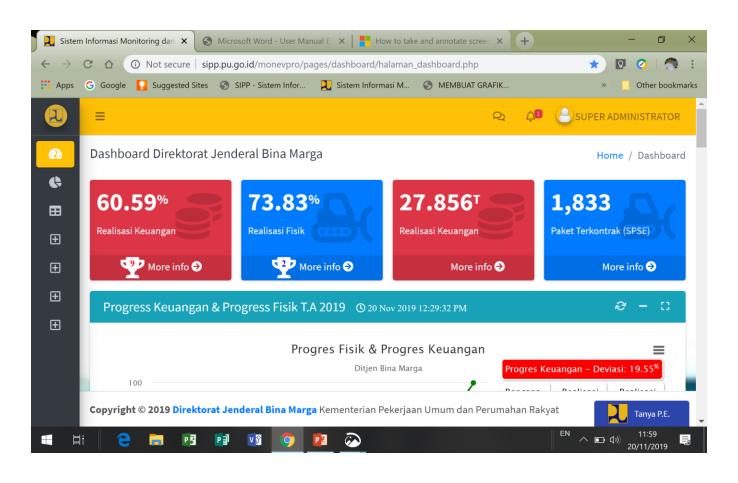
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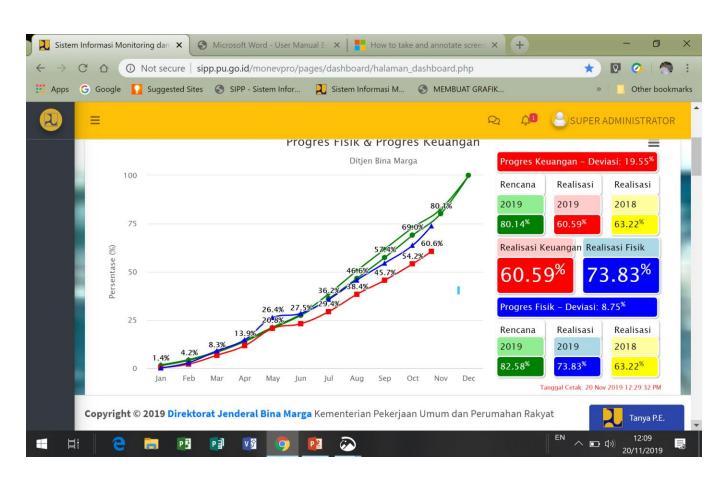
KEYWORDS AND CORES

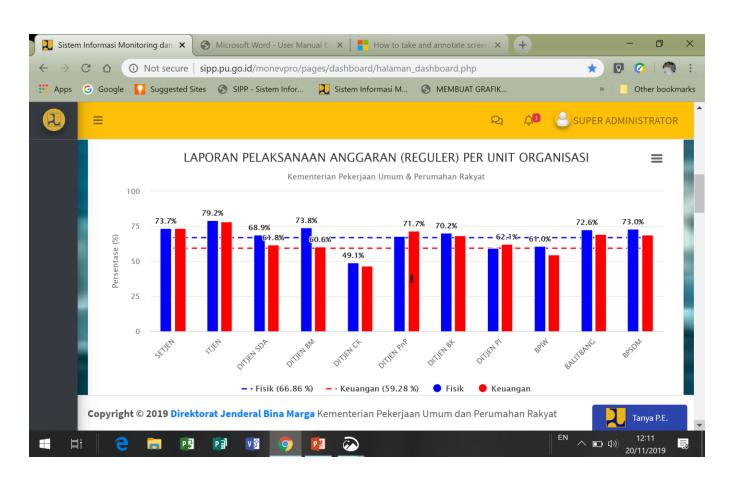
- Keywords:
 - Infrastructure & communications
 - Development & Design
 - Analytics and Data
 - Business Model
 - Mobil Tehologies, Tools, Software (Mobile)
- Business model: who is continuing developing by the experts on government of Indonesian for road and bridges maintenance engineering network, were continuing to develop in the government of General Directorate of Roads and Birdges Engineering Management, Minister of Public Works and Housing Development.
- The core: is to make it integrated system for the internal business services for the engineering personels for engineering and administrations services in bridges and roads works and the projects about 17.000 islands in the Indonesian archipelago.

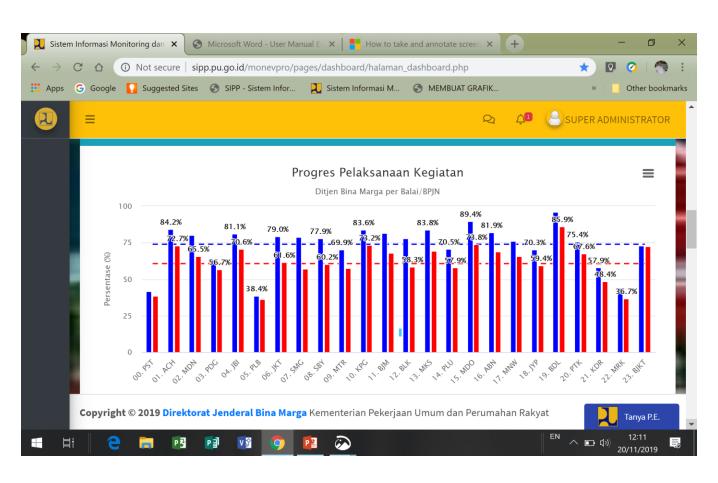
CORE POINTS OF PRESENTATION

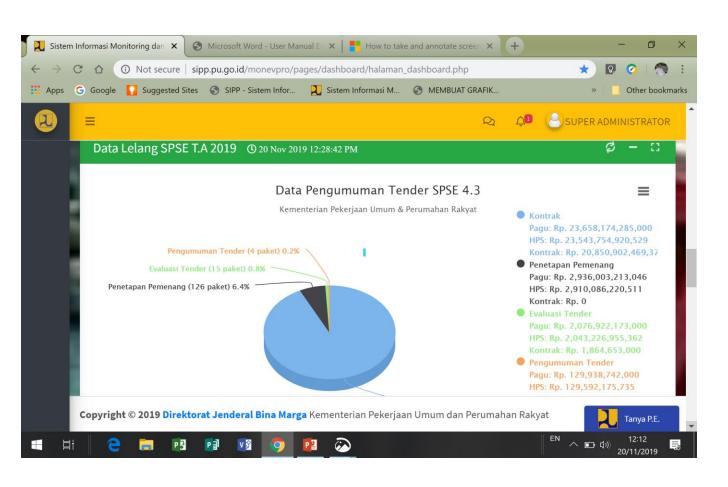
- Example portal website: http://sipp.pu.go.id/monevpro
- The portal: make to as model business application for daily monitoring system and evaluation "just in time" by the decision maker leader at the government managers.
- The system: is to make it possible for every internal personel who is qualify to handle as the group entity competency:
 - To monitoring physical progress of every projects at all of Indonesia areas;
 - To monitoring all the financial realization application on site engineering daily works;
 - To monitoring every detail problem and critical process and detecting the early warning in engineering system management on every daily times in Indonesia areas;
 - To evaluating and prepared the best decision for every case who is detected rising on site on every day engineering management activities by the owner engineer who incharge for it.

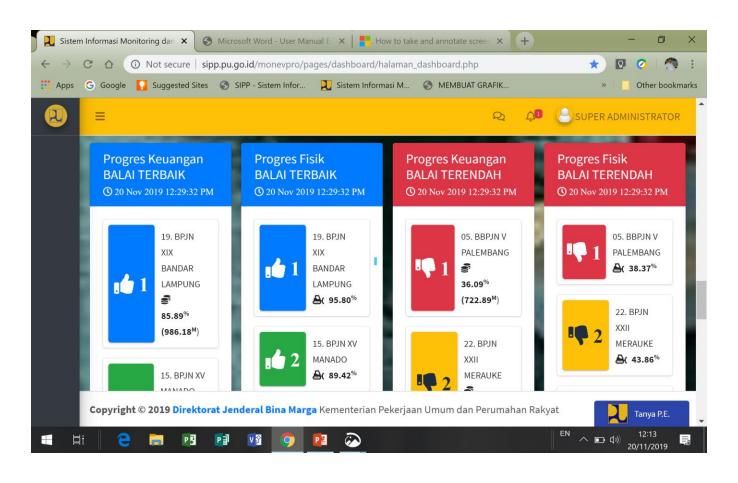


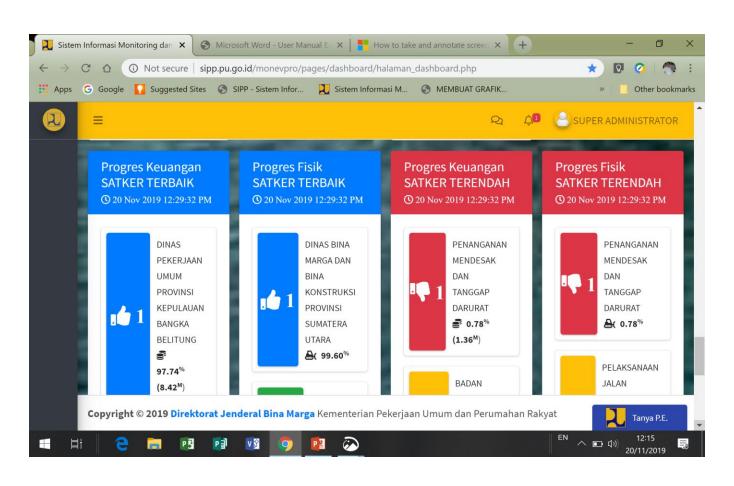


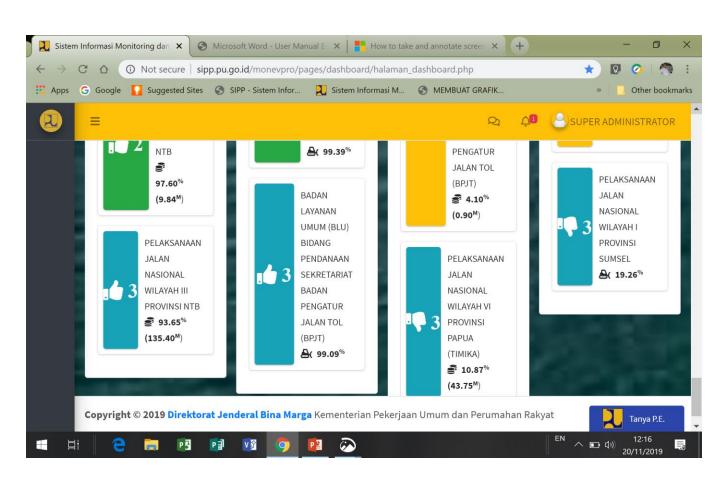




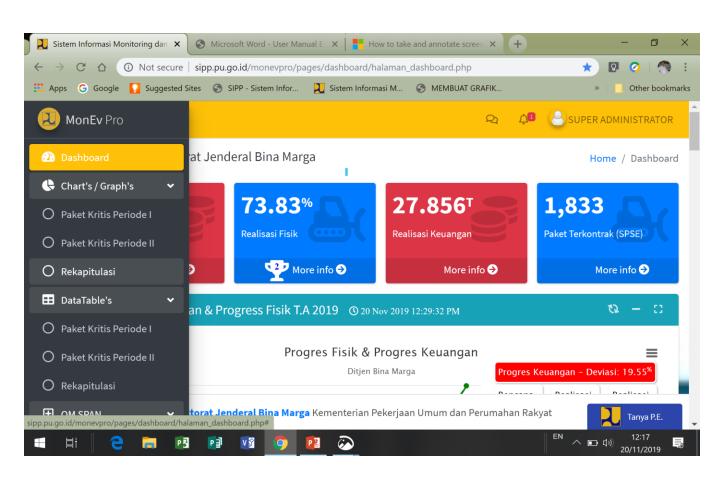




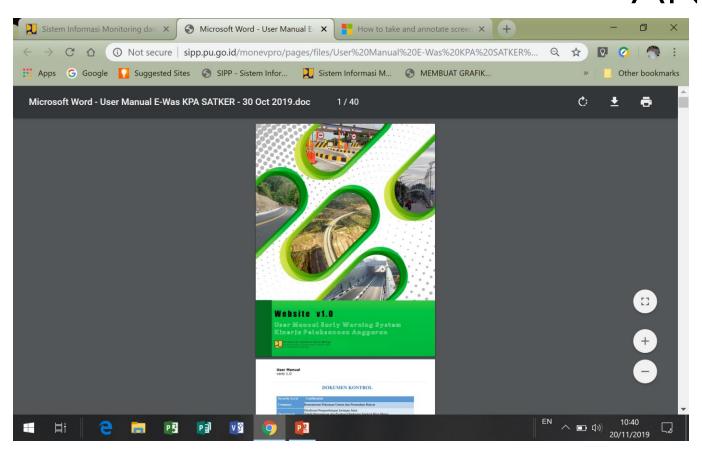


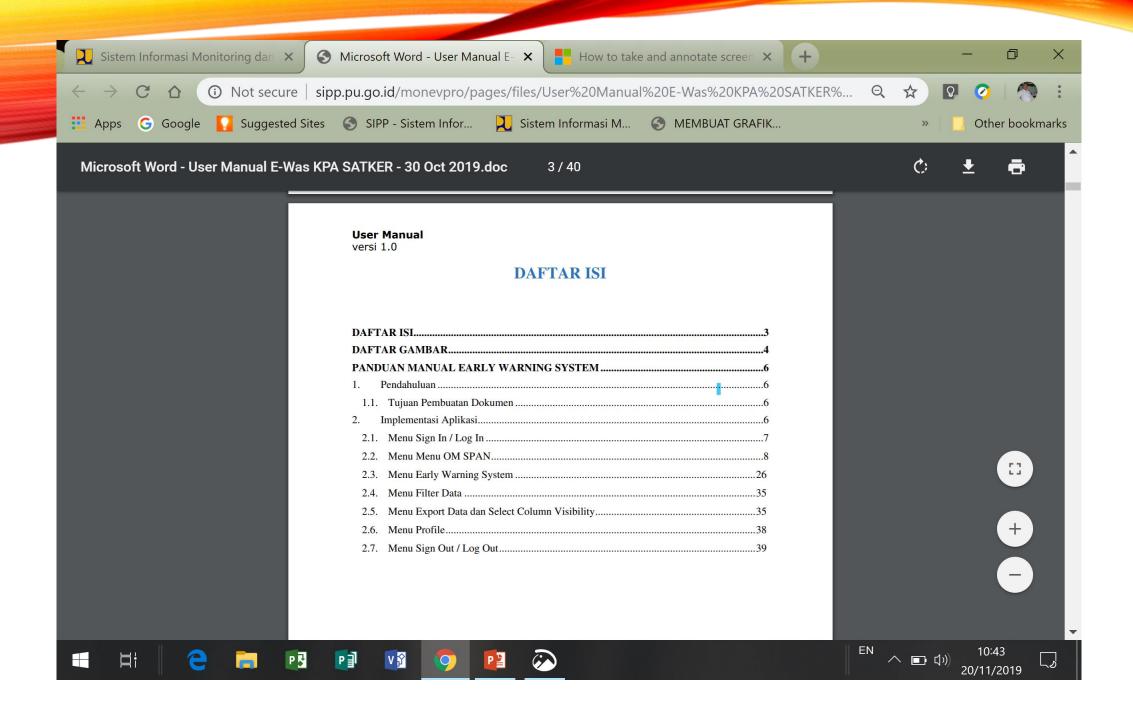


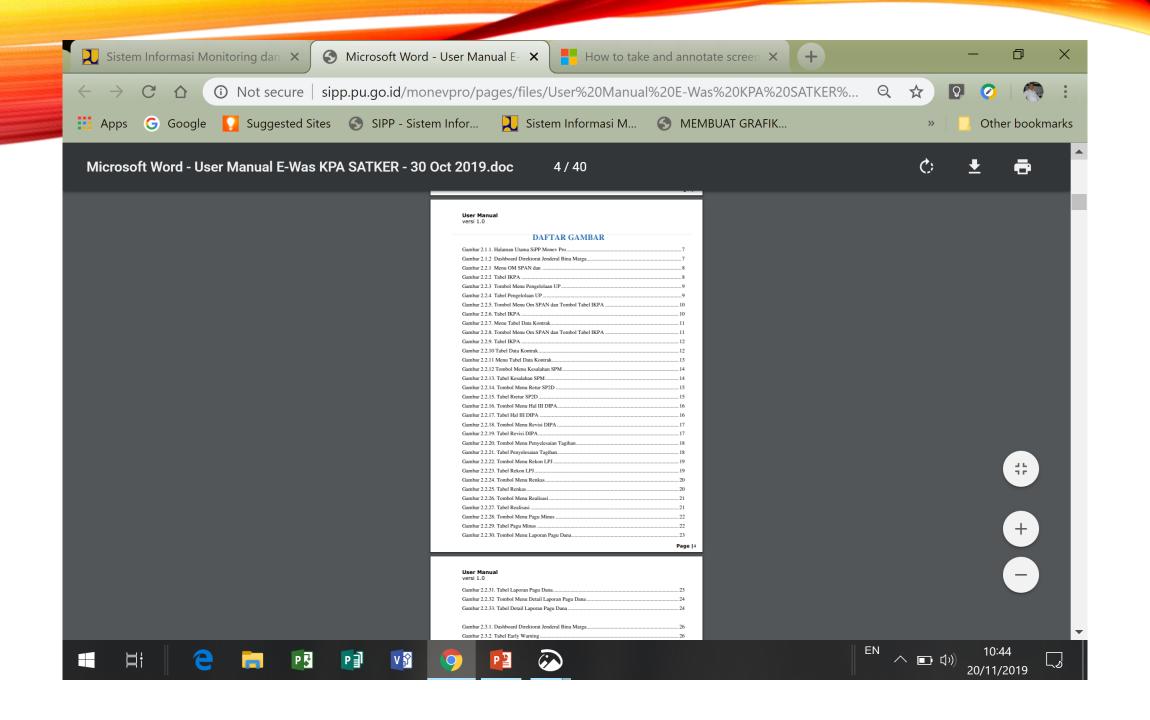
EXAMPLES: DASHBOARD MENU'S ON WEBSITE

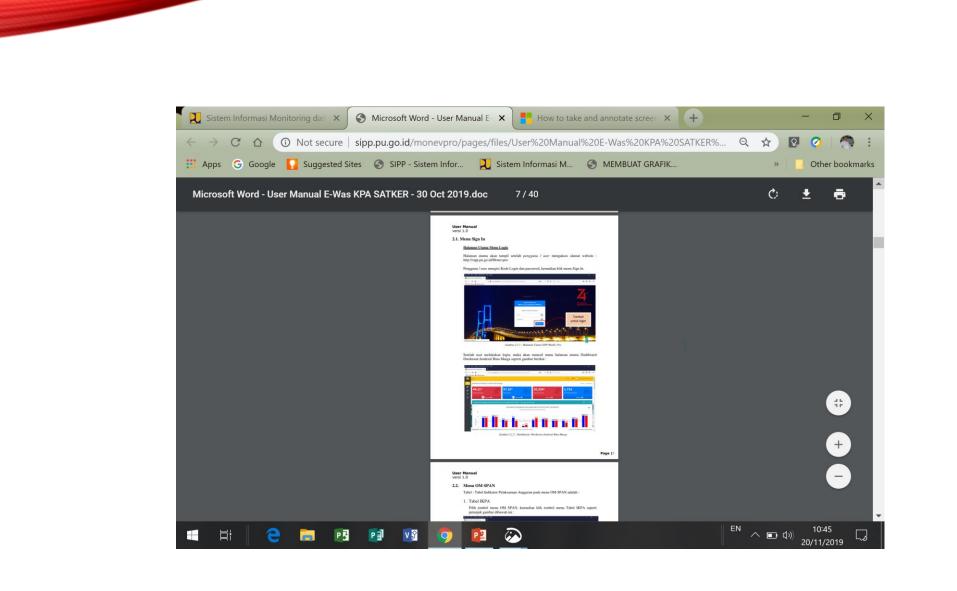


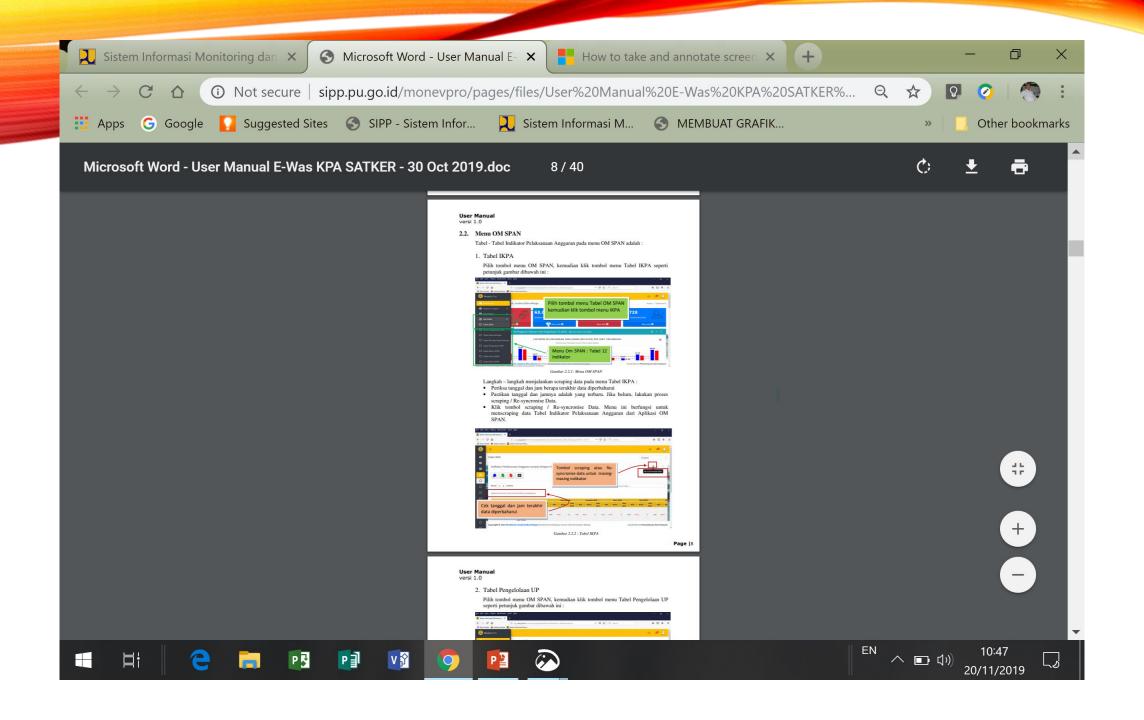
THE MANUAL FOR EARLY WARNING SYSTEM IN INFRASTRUCTURE OF ROADS AND BRIGES

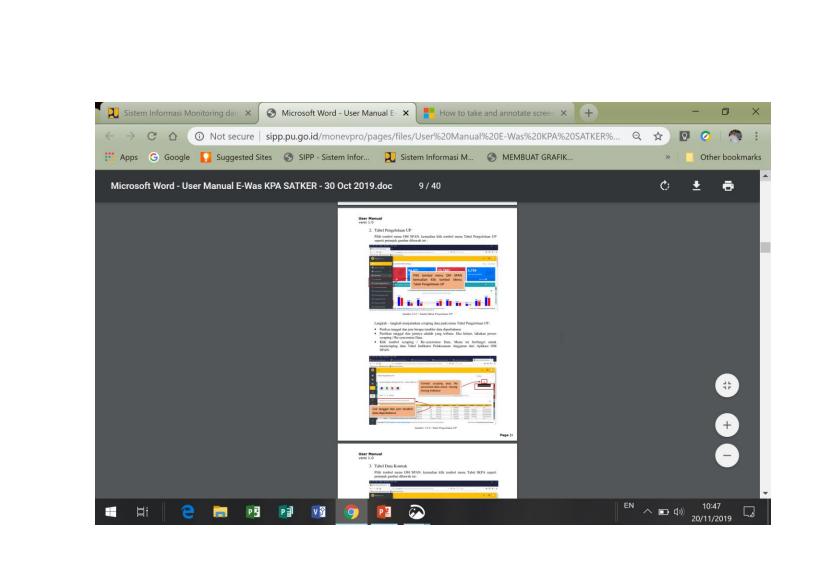


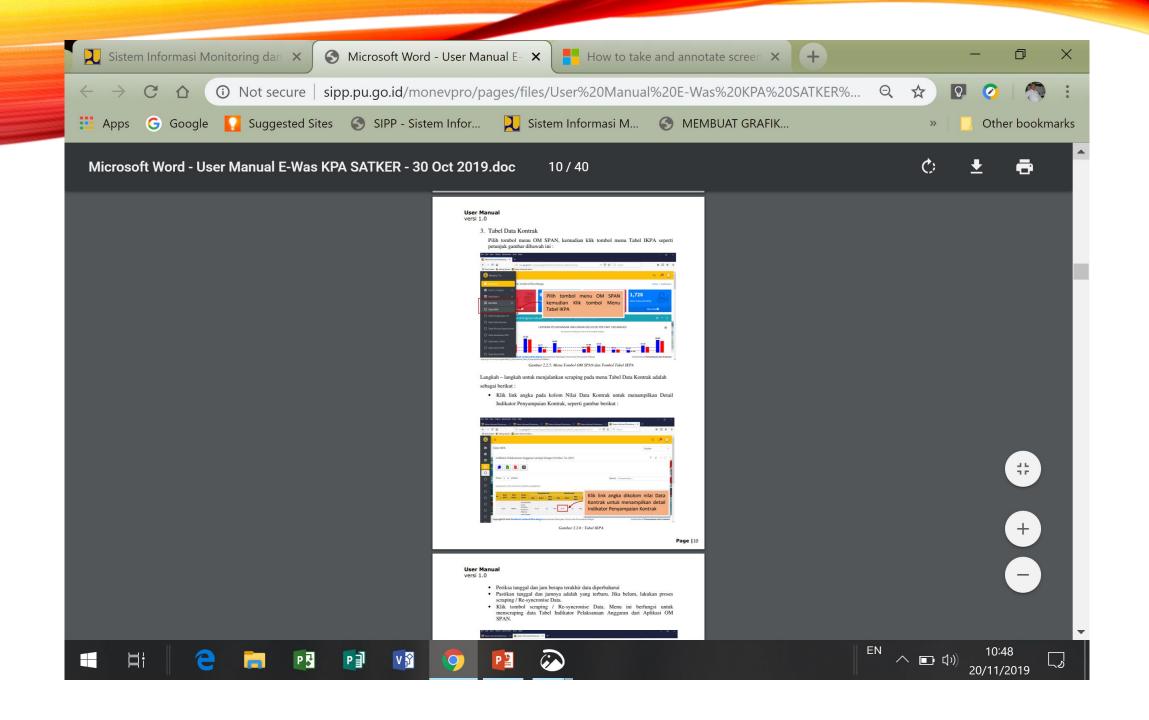


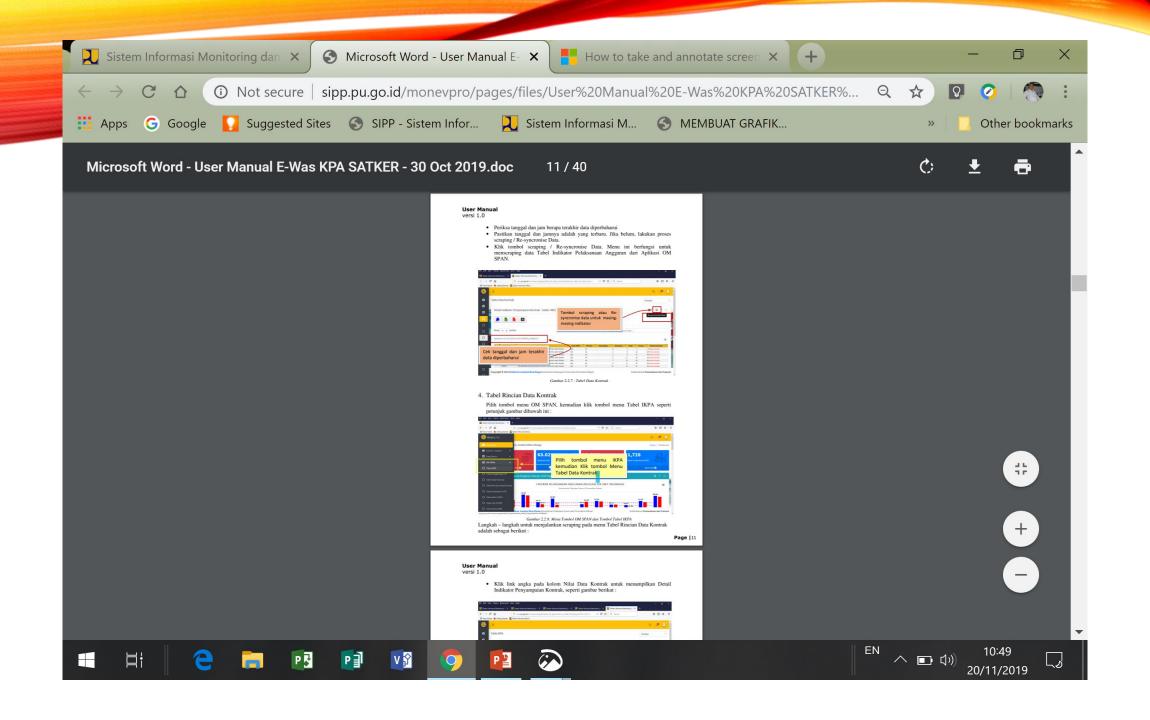


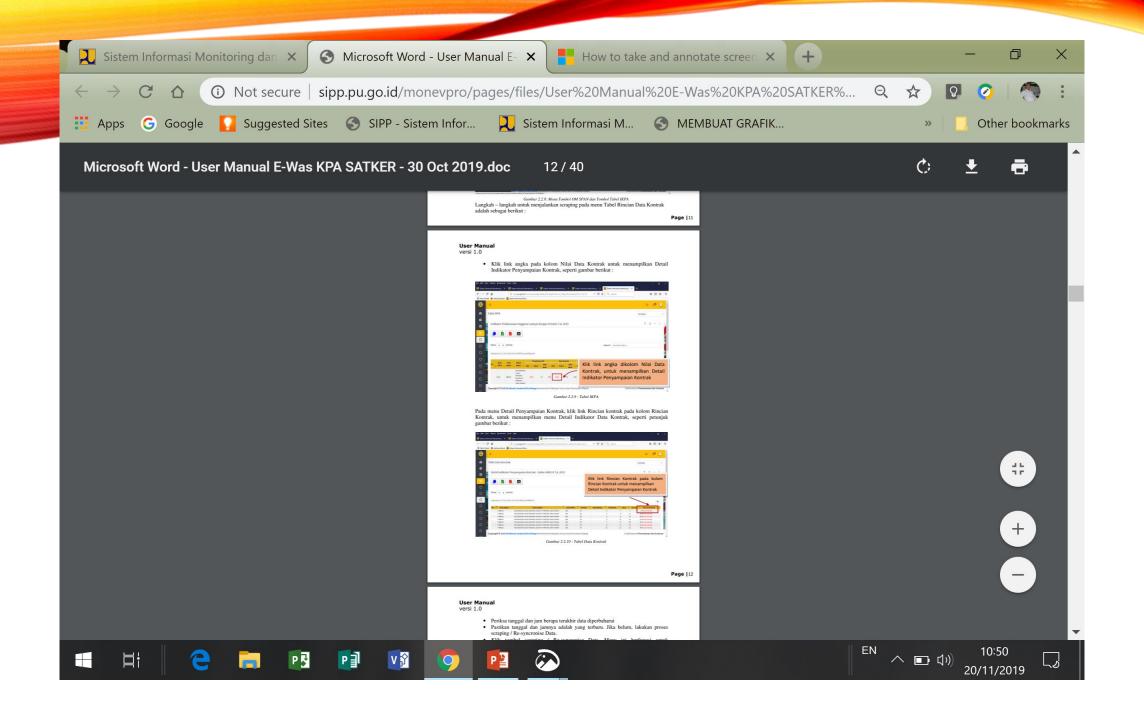


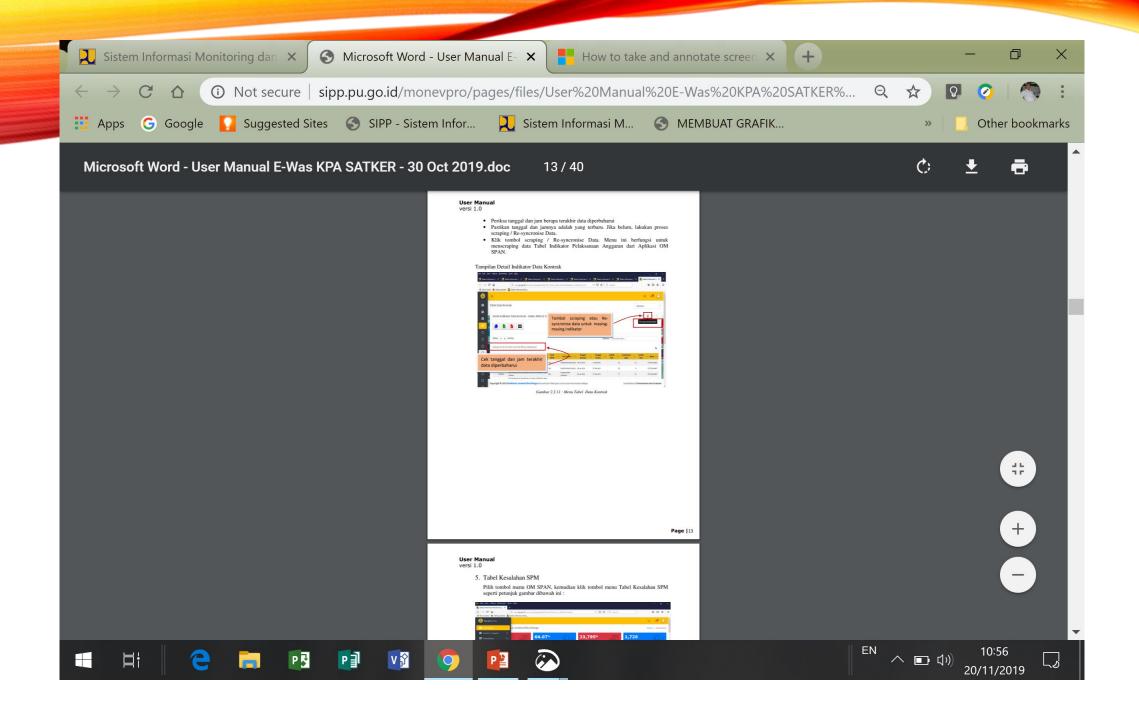












INFRASTRUCTURE & COMMUNICATION IN CIVIL ENGINEERING FOR ROADS AND BRIDGES PROJECTS

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THANKS YOU FOR YOURS ATTENTIONS

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