ABSTRACT

REDESIGN OF GAMBIR STATION WAITING ROOM AND HALL, JAKARTA USING BEHAVIORAL APPROACH

This research aims to redesign the waiting room and hall of Gambir Train Station, Jakarta with a behavioral approach to increase comfort and efficiency for station users. This design was carried out considering the importance of Gambir station as one of the busiest stations in Jakarta which serves thousands of passengers every day. This study analyzes the layout, circulation and thermal comfort at the station using primary and secondary data collection methods. Primary data was collected through direct observation, interviews and questionnaires to station users. Secondary data was obtained from literature, journals and related government regulations. The research results show that the current layout and circulation are less efficient, especially after the implementation of a new boarding system with a facial scanner. Therefore, redesign recommendations include optimizing the layout, improving thermal comfort, and adapting circulation according to the behavior of station users.

Keywords: Gambir Station, Redesign, Behavioral Approach, Layout Optimiza