

## **Development of a Job Assignment System for Maintenance Workers**

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In each maintenance group, they have to prepare a job assignment monthly. It takes a lot of time to determine the assignment, because they are preparing it manually at present and they have to take into consideration many constraints that should be complied with. Accordingly, we developed a system which automatically generates job assignment candidates, complying with given constraints, and taking into consideration the working conditions of maintenance workers. In this paper, we introduce the system and the result of computational time evaluation of the system. This system greatly helps planners in preparing job assignments.