ABSTRACT

INFORMATION SYSTEM OF SCHEDULING TRAIN RAIL ELECTICITY (KRL)

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Rail electric trains or more often known as KRL is one of the transportation be a very popular train users, especially around the Jakarta, Bogor, Depok, Tanggerang and Bekasi are often referred to with abbreviations JABODETABEK compared with other public transportation on land, in addition to the economic hargannya, rail electric train (KRL) is also one of the vehicles that can be effectively exempt from the congestion that often become lalulintas constraints Other public land transportation didaerah JABODETABEK.

Information systems were created to facilitate the scheduling rail train electricity(KRL) in the area of a city dipo depok regional JABODETABEK. From this information the system can provide information on the electric rail train schedule (KRL). Development of information system using this method the genetic algorithm as a method penjadwalannya.

This system is built based on the stand alone to provide facilities to the head segment opeerasional (CROP) to handle the scheduling rail electric train (KRL) in the area of a city dipo depok regional JABODETABEK. Programming language used is Borland C + + Builder 6 and Interbase 7.1 as a database.

Keywords: Rail Railway Electricity (KRL), genetic algorithms, C + +