# DECISION SUPPORT SYSTEM
# OF ACCEPTANCE OF NEW EMPLOYEESIN PT DIRGANTARA INDONESIA (PERSERO) BANDUNG

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Decision Support Systems baruini candidate recruitment is built to help the parties work PT Dirgantara Indonesia to process a new employee data and generate decisions quickly. Therefore, when data is needed quickly, the time required to conduct any search process data faster.

In the process of decision support system development potential acceptance of new employees is using the method peneitian with jenis penelitian case studies on companies, dimana data collection techniques used, among others yaitu with the one first adalah observation, observing secara langsung untuk kerja process undertaken in the work environment, The second is an interview technique that is doing dialogue directly with the authorities in PT Dirganatara Indonesia. Last technique that is with a literature study carried out by searching the data or theories related to the problems being faced either through books or the Internet media that many provide useful information to complete the required information needs. For technical or system of systems development methods decision support candidates for this recruitment *process hierarky analitycal* method, while data flow method that is used is structured method which is DFD *(Data Flow Diagram)* in depicting functional model and ERD *(Entity Relationship Diagram)* to illustrate data model.

Objectives to be achieved in the development of decision support system of recruitment of new candidates are able to assist in processing and managing applicant data, the data type of parameters, data, criteria, data sub-criteria, data assessments, the outcome data and create reports quickly and accurately.

In this decision support system there are several categories that will be divided based on the rights of *users* who use this application. The first category is for the admin *user* of data

processing, data processing applicants for new employees, data processing, result of value selection criteria data, the data sub-criteria and the decision for the administrator (personnel). All categories can be entered by the *user* is allowed to use the data information system this plant.

After the system was completed in accordance with the chosen development method, we then implemented the system. Once completed, the system is implemented that have been completed tested, the testing technique itself using alpha testing where the testing method is to use *black box* method that focuses on functional requirements of software. Further testing is done with beta testing method is test of field with statistical data from questionnaires distributed to *users* in the field.

Results of alpha testing of a decision support system of recruitment of new candidates is built on functional systems can already produce *the output* as expected, and for the results of beta testing of decision support system is built decision support system acceptance of new employees who made very easy to learn, and strongly agree that a decision support system acceptance of new employees are made to improve performance had develop Indonesia in Bandung.