



СОВРЕМЕННЫЕ ИНФОРМАЦИОННЫЕ ТЕХНОЛОГИИ

*Системное и программное
обеспечение информационных технологий*

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DEVELOPMENT OF HUMAN RESOURCE ACCOUNTING SYSTEM FOR THE FIRE RESCUE SQUAD EMERGENCY DEPARTMENT OF THE GOMEL REGION

Разработанная система автоматизации рабочей деятельности сотрудников кадровой службы ПАСО призвана упростить процесс учета работников, сократить время оформления документации, а также повысить эффективность работы кадровой службы в целом.

A workplace automatization is one of actual technical issues. Office employees have to process big volume of data from different informational streams and it needs to be fast. To solve this problem, special software is developed for various institutions.

The developed system is intended for employees of the human resource service for personnel registration and work activity of the workers of the Fire Emergency Rescue Team of the Gomel Regional Department of the Ministry of Emergency Measures of the Republic of Belarus.

Such systems as a rule present the possibility to store data about human resources, employees' working activity, gathering statistics and analyze these metrics. Usually generation of reports and some documents is deployed into similar systems for reducing time of their forming.

The developed application is a module system. The architecture of the system is three-tier: Client – Web Service – Database. The modularity makes the system scalable and flexible. Each module is responsible for determined set of operations.

The system has a security: the main part of the security logic is implemented in the service layer. Each user needs in having a unique identifier and password to get access to the system. After user sent a credentials, if they are correct, the authentication service will generate a token and gives

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it to the client for getting access to the certain resources of the system: it depends on permissions the user has.

The main functionality of the system is storage of employees' working and personal information. It stores information about all employees: actual, retired and dismissed.

The system also provides automated generation reports. It allows generate reports by some parameters. Such reports as staffing, detailed information about employee absences, discipline items etc.

The developing of the system is successfully finished and it is on production now. This one is maintained and new features are included during the process.