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Personality Development System Project Management and Educational Process in the Service «UNIVERSAL-ONLINE»

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<center>Introduction.</center>

Implementation of comprehensive development of personality of school age, determined by the main purpose of modern education.

In cooperation with the group of scientists, practitioners, practical psychologists and physicians, a personal-developing educational system for institutions of general secondary education in Ukraine has been established. The purpose of the modern educational system is personal, social development and health preservation in school-age children.

The personal-developing system (PDS) was automated in the cloud service of the educational management of the educational process "Universal-Online". Service: http://universal-school.com.

The service was created on the basis of nine copyright psychological and pedagogical technological modules (Fig. 1), which in a holistic educational system form three interdependent and complementary blocks: goal-setting, drafting and development.

In the first block of service, three technological modules are formed: "Diagnostics", "Analysis" and "Design". On the basis of these modules, constructing tasks of the institution and personal development of students to solve problems of implementing potential opportunities of participants in the educational environment, namely:

1. In the technological module of the service, which is called "diagnosis". In the online mode, we conduct a comprehensive, social, psychological, pedagogical and medical testing of students, parents and teachers.

Indicative time to make the necessary data (creation of lists, providing logins and passwords, surveys (eight diagnostic techniques) occupies 2-3 working days. For testing of students we use - 6 techniques (testing time - 45 minutes), class leader - 1 methodology (occupies 15 minutes), parents - 1 technique (20 minutes), the medical sister conducts 9 indicators of health (20 minutes). As a result, we receive appropriate tables, graphics, diagrams, matrices, etc., which give individual characteristics and characteristics of student collectives.

2. In the technological module of the "analysis" service, according to the results of comprehensive diagnostics, there is a systematization of problems and potential capabilities of individual development of students on personal, group and collective. Differentiation of personality characteristics according to physical, mental and social parameters is carried out in automatic mode.

Approximate analysis time of the results of complex diagnostics is 1-2 hours, and to create recommendations for the student and the student collective 2-3 minutes.

The result is a medical, psychological and pedagogical recommendations for each student and a student collective. Data is displayed in standardized tables, diagrams and statistical reports on class collectives.

3. In the technological module of the service, which is called "design", based on the obtained data and system analysis of causal relationships, we are designing problem tasks for school and conducting the formation of tasks of personal development of students in class collectives (individual, group and collective).

Approximate time to create tasks of the school and the tasks of personal development of students of a classroom team in the automatic mode of service is 1-2 minutes, in creative mode 5-10 minutes.

The result is the formation of the problem and educational tasks of the school for the academic year, the tasks of the personal development of students of class teams per semester, a business card for students' collectives and the school as a whole, the lists of students on social states, diagnoses of physical development, etc.

In the second block of service, three technological modules were created: "Programming", "modeling" and "planning". On the basis of these modules, we create educational projects of schools and pedagogical workers with the illumination of problem-target content and pro-modular planning of implementing projects with personality-oriented content, namely:

- In the technological module of the service that is called "programming", we create information banks, where educational and educational programs and demonstration projects are located for schools, as well as graphic mesh algorithms in the areas of work of the school, psychological service, classroom managers, teachers and basic functionalities of the school, in particular classes.

The time of preservation of formed educational programs or projects in information banks is 1-2 minutes, and to create an engraving grip algorithms - 10 -15 min.

The result is the availability of information banks of educational programs and demonstration projects in the service that is constantly replenished with new graphic algorithms for school, teachers, class leaders and psychological service workers.

In the technological module of the service, which we called "simulation" based on educational programs and projections that are in information banks, are created problem and target projects for teachers.

The indicative time of creating targeted and problematic projects with problem-target content for the school is for 2-3 hours, with the condition of simultaneous work of pedagogical workers in creative groups in the service, to create a teacher's educational project for 15-20 minutes, to create an educational project of a classroom for 15 minutes, a correctional project of a psychologist for 20 minutes.

The result is educational and corrective development projects with problem-target content for all participants in the educational process.

In the technological module of the service, which is called "planning", the creation of pro-modular plans of work of school and teachers (Figure 1.6).

The time of creating a plan of the school takes from 4 to 8 hours, accelerating the calendar-thematic teacher`s plan in one class takes 2-3 minutes, the educational plan of the class leader for 30-45 minutes, and the plan of the psychologist for 40-50 minutes.

The result is the creation of seven types and hundreds of types of facilities of the school, namely: a graphical plan (system analysis in semesters), pro-modular (on issues and purposes), system-compatible (in directions and types of work), calendar (for specifically determined terms), by units (about 400 species), individual (for each pedagogical worker, parent committee, students of self-government, etc.) monthly (graphical in directions of work), as well as three types of plans for the work of subjects, class leaders, psychological workers services (graphic, system-complex, calendar).

In the third block of service there are three technological modules "creation", "realization", "monitoring". These modules are conducted in a product of personal-developing content in class scenarios, the effectiveness of the work of pedagogical workers and the effectiveness of the educational process of the school in general, namely:

- in the technological module of the "Creation" service using the scenario designer service for the implementation of tasks of personal development of students and tasks of mini-modularity (modular educational system), personal-developing content in scenarios and educational events are launched.

Time to create a teacher's lesson scenario is 15-25 minutes, scenario of educational system event with a cool manager or educator for 10-15 min, correctional and developing occupation of a psychologist for 15 min.

The result is the creation of lesson scenarios with presentations for subject teachers, creation of systemic educational activities for class leaders and educators, scenarios and correctional and development trainings for psychologists with personal-developing content.

In the technological module of the service we called - "Implementation", the effectiveness of educational activity of teachers is determined on specific terms.

Approximate time for the conduct of self-examination and educational measure teacher or examination of the lesson analysis, educational system event the administration of the institution is 3-5 minutes.

The result is the creation of protocols for the effectiveness of lessons and educational system measures with an assessment of the efficiency of realization of personality-development content and problems of personal development of students in the activities of a particular teacher;

- In the technological module of the service, which we called "monitoring", we carry out a dynamic analysis of the results of personal development of each student, a classroom collective, students of the institution in general (diagnostic sections are conducted each semester throughout the training of the students at school).

Approximate time analysis of the results of personal development of each student for 10-15 min, students of the school of 1 -2 hours.

Result: creation of comparative tables, diagrams, schedules for criteria and indicators of personal development of students, class team and school as a whole.

Additional features of the service are:

- creation of statistical reports, tables, graphs, diagrams, matrices, lists of students on medical diagnoses and social states;

- drawing up lists of students based on defined indicators of signs of bulling in the hidden and initial phases of implementation, the possibility of predicting deviant behavior (suicides, etc.) by defined indicators, etc.;

- conducting an analysis of the influence of physical condition (including medical aspects) to the psychosocial and personal development of each student;

- making methodological and technical support of pedagogical workers of participants in the educational environment of the school in online mode remotely, etc. Service site: http: // www.universal-online.org

An analysis of the results of monitoring the personal and social development of students conducted in more than 300 schools of fourteen regions of Ukraine confirms a sufficiently high efficiency of the innovation system, which is located in the cloud service "Universal-online", namely:

- Integration of class leaders in student collectives increases, by an average of 43%, the level of life activity of pupils increases, especially: in socio-communicative - by 74%, in educational-cognitive - by 43%, in public-useful - by 41%, in nationally - civil - by 20%, etc.;

- decreases the number of isolated students - by 56%, and rejoiced - by 68%, the social status of students in class collectives increases by 32%;

- the anxiety of students is reduced by 34%, impulsivity - by 27%, a tendency to dishonest behavior - by 43%, aggressiveness - by 27%, uncertainty - by 26%, closed - by 13%, association - by 23%;

- positive changes are noted, especially on the formation of value priorities of students: "I and Health" by 34%, "I and Training" by 29%, "I and Labor" by 16%, "I and Public obligations" for 12 %, "I and Ukraine" by 14%, "I and moral values" by 21%.

Conclusions:

1. Innovative personal-developing system, automated in the cloud service of the educational management of the educational process "Universal-Online" "is a tested effective psychological and pedagogical instrument.

2. The main basis for the implementation of this system with the help of cloud service to the School of Ukraine is to conduct two experiments of the All-Ukrainian level (2001-2007) and (2007-2013) and analysis of the results of the third All-Ukrainian experiment (2018-2023) in accordance with orders of the Ministry of Education.

3. Implementation of a personal-development system in schools with the wide use of cloud service "Universal-online" allows for the purpose of the educational and systematic process to significantly increase the effectiveness of the educational process and to ensure the savings of financial and human resources.