Department of Education Portal

EBA

Education Communication Network

YEĞİTEK

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Educational and Informatics Network (EBA) which has been designed under the component of FATİH Project named as “Enabling and Management of the Educational e Content” within the scope of the FATİH Project is a portal which has been set with the aim of enabling the transformation of the society to information society, generalization of the information culture in education with a systematic policy and meeting the needs of information in education by blending the dynamics of the age such as search engine, social networking, and e-cyclopaedia and can carry the all educational informatics system by developing.

When the Infrastructure of this Portal is designed, it should be taken into consideration that this portal will serve to 700.000 teachers, 17 million students and parents besides all adult students within the scope of the Life-Learning Programme.

There are 12 modules in EBA , they are given below:

**Modules**

**1.Tv radio:**

This module is the one in which news coming (courses activity, seminars, documentaries, cine-vision, etc.) from the teachers, schools, provincial directorates which is published in video and sound format. Source Data for this module, which is designed by using the steam technologies like the format of Youtube, should be used frequently in Education and Teaching, are the contents that are prepared by The General Directorate of Innovative Educational Technologies and will be loaded by the authorized users (teachers).This module is the one which can also use video and sound contents that are prepared by other public institutions (such as The Ministry of Culture).

**2.Visual:**

This module is the one in which all visual contents that have been produced with different purposes in different places (such as lesson, activities, seminars, documentaries or cine-vision) take place. This module meet the visual needs that appear when a book is written, an educational search is made, or a presentation for a lesson is prepared, and etc.

This module has a format which nourishes itself becomes a big visual library day by day. It is aimed that this visual library consists of not only educational categories but also visuals from all categories. For this aim, these visuals which are copyrighted or will be copyrighted are classified by a commission that consist of the experts.

These visuals that are low file size and quality, that is used for publishing with high resolution and quality will be added to the system and they are served to the users with different resolution and formats. By this way, these visuals reach to the users in a form in which they can be searched, found, updated and versioned.

**3.z-book:** Z-book is a software for the preparation of enriching, easing of learning process and make it more joyful by supporting curriculum course books with videos , animation , sound vision documents, games and etc. All books will be presented to z-book format for PCs, smart boards and mobile devices by the way of an editor.

Model practice takes place in this address <http://e-kitap.meb.gov.tr7test/e-kitap.html> , this is a model practice of e-book.

**4.Game:**

This is a module in which addresses students at different levels has been developed in the frame of educational directions supported with cultural elements and presents 2D and 3D games more than 500 in numbers.

**5.R&D:** This module is the module in which national and international educational resources, workshops, educational indicators, measurement and evaluation studies, contests, announcement, conferences, and seminars take place.

**5.Project:** This is an EBA module in which dynamic project sites can be prepared by project wizard, all projects are carried out by the ministry with the working devices of the project partners which will be collected together, project products and success are demonstrated . This module will carry synergy between the projects by demonstrating their relationship with each other and carry them to agenda and the project owners form their dynamic project portals in easy steps.

**6.e-cyclopaedia:**

In school cyclopaedia project, encyclopaedia form is accepted. By singly ascertaining the gains, the terms and the subjects related to the curriculum; videos (3-5 seconds), informational texts, animations, interactive web tools about the each notions, subject, terms; questions for assessment and evaluation and different supportive tools (photographs, graphics, drawings, maps, tables, forms, audial files, additional animations) are prepared. All subjects related to the all lessons are prepared in this way from the 1st class to the 12th class. All prepared materials within the scope of planned design are serviced to use in the system of EBA and in the following period, it becomes a system which is updated with the participation of the teachers and students.

**7.e- lesson:**

This module is the one which is designed by inspiring MIT OCW( Massachusetts Institute of Technology –Open Courseware) and in which all lesson video presentations in accordance with the curriculum levels are presented by using the smart board and students and teachers can ask questions (ticket system) and add content.

**8.e-content:**

This is a module in which contents are relevant to copyright engine apart from our Ministry; institutions that have educational contents are presented. There is more than one content provider, it is necessary that all these contents are categorized relevant to curriculum and take place in EBA.

All users can log in e-content that take place in this module by using the user account. E-contents (EBA e-content module) that are accessed from one interface can be integrated by the students, curators and teachers with their e-school log in information.

With this aim, necessary ınfrastructure has been designed; Educational and Informatics Network (EBA) is a system which provides a service in which all these e-contents are searched, found, used, contributed and liked from single point.

**9.Lesson Supportive Tools:**

This module is the one in which below mentioned content develop and learning tools are included:

\*Presentation content development tool is a tool in which all features such as graphic design, type size relevant to level of the classes are presented in prepared templates and teachers who have basic ICT skills can prepare by choosing educational criteria step by step on the browser. Here, the aim is that teachers’ taking place in the production by intensifying the content itself with the more prepared tools in the learning process of the software in which they produce content.

\*Imaginary education environment such as imaginary psychic, chemistry, biology labs, imaginary hospital

\* Lesson supportive tools such as engine breakdown fixing system that includes the vocational and technical training lessons, expert system like network imaginary education package

\*Game development system in which teachers that have basic ICT skills can prepare by choosing educational criteria step by step on the browser.

\* Making Turkish the free education software (content development applications, vocational technic application, class applications, etc) in the world

**10. News:** this is a module in which education news from the students, teachers, schools, towns, provinces and good examples in education are published with workflow and approval.

News that come from teachers, schools, the district national educational directorates and the provincial directorates for national education are gradually controlled in the commissions and then are published as a result of the approve/ refusal mechanism.

Commission that is established in the provinces prioritize the existence of the stuff that are graduated from journalism, radio- tv, communication and moreover, one of the member of this commission is appointed as province correspondent.

From the preparation of the news to the broadcast of it, all these activities are made digital on content management system.

**11. School Information Network:**

This module is the one which is managed from a single centre, is web-enabling, has multi-tier architecture and aims to increase service quality with ease of use by prioritizing performance, to update the related content without coding of authorized users, oriented to our ministries standards and to use the available sources in the most efficient way.

Updated information about the school

Information share

Communication on internet

Map application

Manageable web sites with low total ownership cost

Connected with the different contents in EBA

Web site tools that are suitable for different platforms

Versioning system

**12. Question-Answer:**

This is a kind of module in which students can ask their questions within the scope of the curriculum and the teachers can answer these questions. This is like ticket system.