

IMPORTANCE OF KASH-HEALTH WEB PORTAL IN THE DEVELOPMENT OF MEDICAL SERVICES IN THE REGIONS

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Annotation

In this article, information about the web portal is discussed as a result of the work being done to improve the quality of medical services in the region.

Keywords: Kash-health, telemedicine system, medical services, medical consultation, medical service institutions.

In the development of medical services in Kashkadarya region, the level of use of ICT is growing rapidly. Therefore, digital technologies are being used to provide medical services to the population, check the quality of medical services, assess the quality of medical services, and benefit from medical services. Examples include telemedicine system, virtual doctor's visit, remote medical consultation, web portals of private clinics. Due to several factors, there are some shortcomings in the provision of quality and efficient medical services to the population living in the remote areas of our province.[1] The lack of modern and high-quality medical service institutions, health centers, specialist doctors and nurses in mountain, desert and rural areas indicates that the population of the region is not able to use adequate medical services. As a result, the residents of the region have to come to regional or urban centers to use medical services in order to use quality and effective medical services. Based on the above, the Kash-health.uz web portal was developed using information technologies to provide remote medical services to people living in remote areas. Through this web portal, patients can access remote medical services. On the portal, it is possible to receive news about the arrival of international and republican high-class doctors to the medical institutions belonging to the regional medical associations, to write directly to their reception, and even to meet face-to-face and receive medical advice.[2] The web portal provides information about newly established private and state medical institutions in the region, as well as news about medical services provided in these medical institutions.



Figure.1 The main homepage of the Kash-health.uz web portal.

The portal has the following sections. It consists of sections such as Home, News, Instructions, Contact, Login, Register. In the news section, there are news about existing and newly started clinics, medical institutions, health centers, diagnostic-laboratory centers, as well as the appointment of high-class international and republican doctors-doctors in the region. (Fig.1) The instructions section provides a guide to using the site and a road map of what sections and menus are available on the site and how to use them.[3] At the bottom of the web portal are Home, News, About Us, FAQ, Contact Us, Telemedicine and Medical Articles section. The portal is currently working in test mode, and it is planned to launch the portal nationwide in the future. In the contact section, the user can arrange a flight with a specialist. In this case, the names of the medical institutions appear in the first window, and a specialist doctor is selected by selecting a medical institution in Kerkali. In the next step, the phone number to contact the user and the date of the appointment or real-time online consultation are indicated and the send request button is clicked (Figure.2).

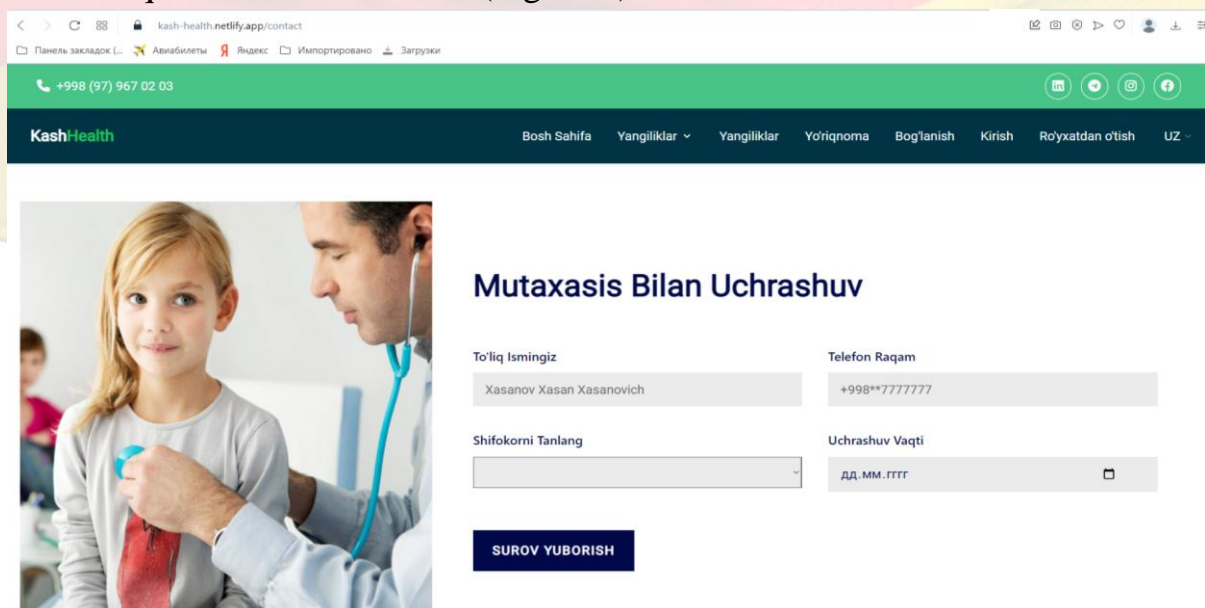


Figure.2 Meeting with a specialist (Contact) window.

This window of the portal displays the login section. In order to enter the system, it is necessary to register from the system first.[4]

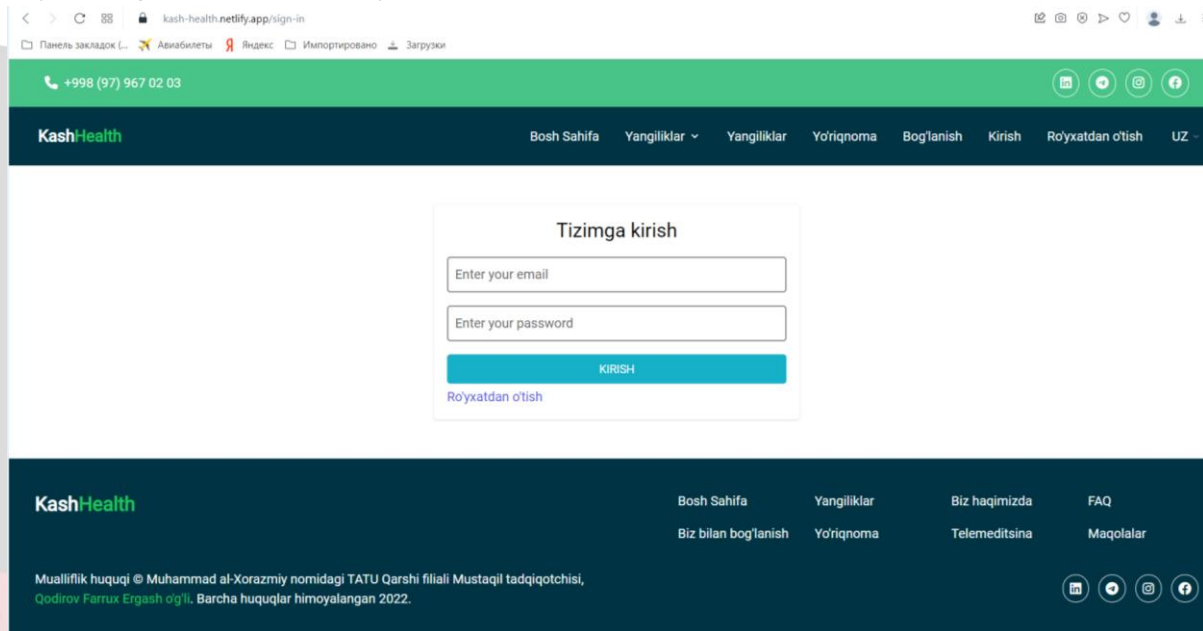


Figure 3. Login window To log in, the user enters the previously registered email and password and clicks the login button. After that, you will be logged in. After entering the personal cabinet, the user will see information about his medical record, the name and address of the hospital where he used the medical service, the name and address of the medical association, when and for how long he used the medical service.[5] In addition, there are functions to send a request to the family polyclinic located in the area where the user lives to receive documents about his medical records (vaccination, which diseases he has, treatment methods, which doctor he has visited) through his personal cabinet.[6]

In connection with the establishment of a network of telemedicine centers in regions and regions on the basis of service providers, an opportunity to provide medical services in the digital economy will arise through the modernization of existing hardware and software. Based on the above, a model of providing medical services to service providers living in remote areas using information technologies has been developed, which takes into account the correction of the qualifications of specialists in the identification of systemic defects.

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