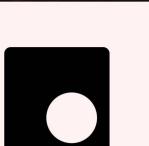
A264



SECONDARY ENTRY



NOITANTO ANI ERUTO ETIMORAL

Since the 20th century, China is facing more and more medical problems. 1.aging China's aging has two first in the world. One is the aging population of the world's first, and the other is the aging of the world's first. Aging will reduce the activity of an economy, aging and less child (that is, 0 ~ 14 years old population is too small) superimposed, it means that a huge pension risk pension insurance will face "pay less, "The dilemma, and the reduction in the working age of the population means that the future pension service prices, and even the elderly can not afford to buy the right service situation. 2.Low operating factor of community hospital China's basic health care facilities account for more than 80% of the total medical and health facilities, but its role is indeed very smallmost people are more inclined to the city hospitals which have better medical conditions than community hospital. At the same time, good doctors are not willing to work in a small hospital, and small hospitals' medical level is getting worse, which further exacerbated the uneven distribution of medical resources and the lack of medical resources. 3.medical costs is getting higher and higher As more people tend to medical treatment in city hospitals, hospital fees, medical expenses, transportation costs will be higher than the basic medical facilities. Meanwhile China's health care investment accounted for only a small percentage of GDP, which means that personal medical expenses will increase. Conditions: Big data technology and application has been carried out in many research institutions, and medical data applications have reached the tipping point.

Since 2010, more than 200 companies have developed innovative applications and data analysis tools for medical information (for physicians or patients). With the knowledge of medical data technology and the deep understanding of the medical industry, some of these applications will be able to significantly reduce the current expansion of medical exthe design features The design is based on medical big data ,focusing on the following aspects.

Green energy saving: roof rainwater harvesting system, natural lighting system, temperature control system, natural ventilation system Between the man and the nature of the building: the courtyard into nature, the slope of convergence in nature, in this hospital, the patient is no longer see the cold room, equipment, but with the natural harmony of man and nature: Where people can sit in the courtyard to chat, you can exercise on the ramp, you can stand on the roof to see the distance. We hope that the community medical resources can be better utilized, and everyone can more easily get the best treatment. Each patient in the hospital can see a hopeful and vibrant tomorrow.

BASIC FACTS ANALYSIS



TFEDNO?

The design is Inspired by the concept of traditional Chinese garden design. The Chinese gardeners use a unique gardening approach to organize the landscape in the limited space. By this way the environment and the building will be more naturally together. In this building, we strongly cited the traditional Chinese metaphysics concept - Tai Chi. At the same time, the Chinese garden focuses on the use of people and the natural combination between buildings and huamans. As a new community hospital design, we hope that patients in the building get not only physically cured, but also the spirit of treatment. So we bring nature into the hospital in the expectation that users better to contact with the nature. In the details of the deal, we focus on the exploration of tgeometry, so we use the golden section to complete the design.

Chinese elderly population





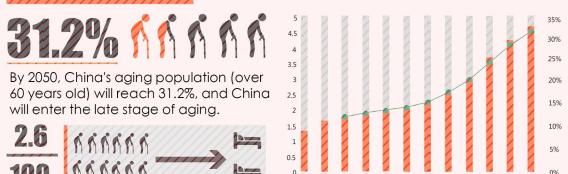




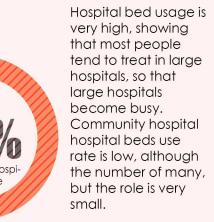


SITUATION

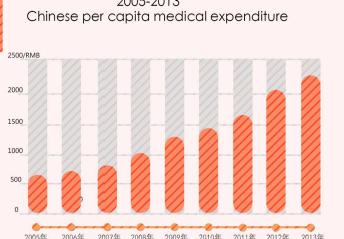










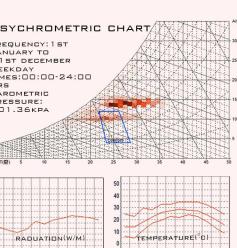


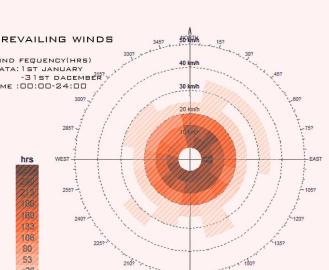
SITE ANALYSIS

Guangzhou has a humid subtropical climate influenced by the East Asian monsoon. Summers are wet with high temperatures, high humidity, and a high heat index. Winters are mild ~ and comparatively dry. The relative humidity is ; approximately 68 percent, whereas annual rainfall in the metropolitan area is over 1,700 mm (67 in). With monthly percent possible sunshine ranging from 17 percent in March and April to 52 percent in November, the city receives 1,628 hours of bright sunshine annually, considerably less than nearby Shenzhen and Hong Kong. Extreme temperatures have ranged from 0 $^{\circ}$ C (32 $^{\circ}$ F) to 39.1 $^{\circ}$ C (102.4









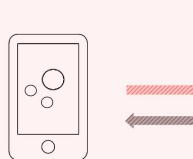
Because of the higher temperatures and more precipitation in the south, most Iderly people who need treatment tend to stay at home rather than go out for medical treatment. Such a natural climate has its advantages, in the spring of the four seasons, vegetation growth. The combination of the garden and the medical location can not only solve the disadvantages of the southern climate, but also play the advantages of the southern climate, so that people who need rehabilitation treatment of physical and mental pleasure.

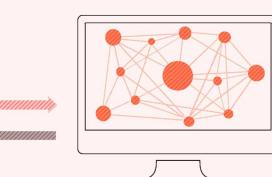
TECHNOLOGY & PROCESS ANALYSIS

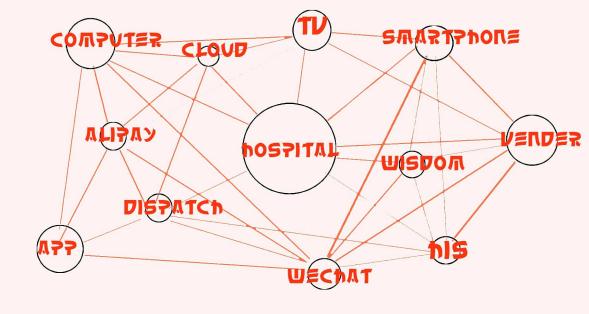


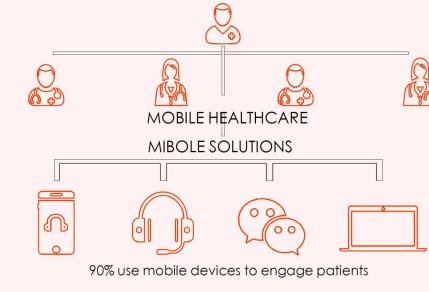
TECHROLOGY SUPPORT

Now the traditional medical industry and Internet plus, rather than internet. Mobile technology as the representative of ubiquitous computing, ubiquitous network development and to the production and life, economic and social development in all aspects of information technology penetration, promote the innovation in knowledge based society form has attracted more and





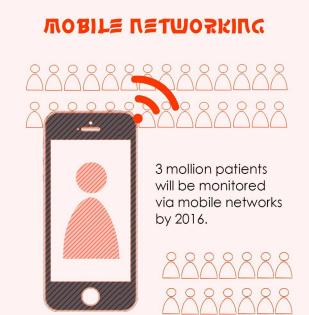






30% of healthcare I.T Cloud storage can cost decision makers use 10 less than regular cloud apps and storage systems. services,and 40% Clinicians are increasingly

70% of physicians use their smartphones to research medications at least once a week. More than half of tablet users access EHRs daily.



DESKTOP NOT ZATION of hospitals identified

The adoption of desktop virtualization in hospitals is expected to grow \

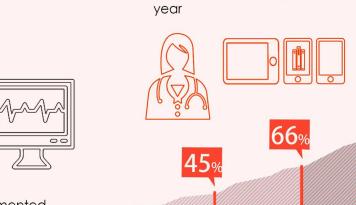
maintenance; ease of manageability.

thin or zero(ultra-thin)

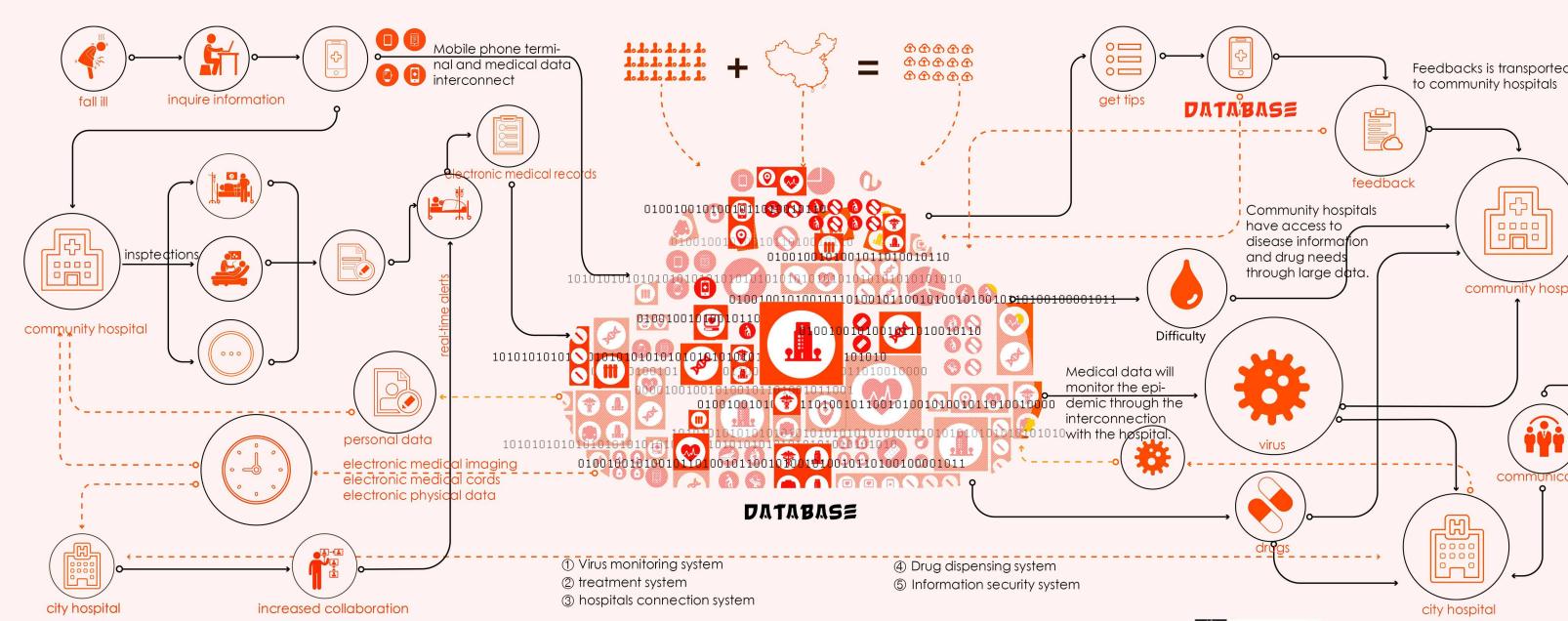
// clients as their preferred







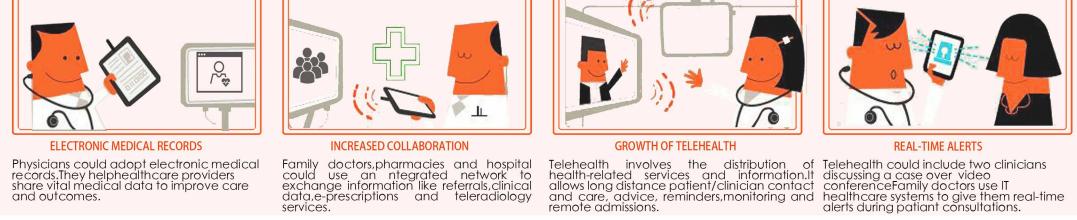
PROCESS





ELECTRONIC MEDICAL RECORDS













SECURE DATA STORAGE Health data has massive secure storage requirements. Cloud storage services may be accessed through a co-located cloud computer service, a web service application programming interface or by applications.

