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КОНЦЕПТ РОЗУМНОГО МІСТА

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CONCEPT OF THE SMART CITY

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To begin with we would like to say emphasize that every single one of us lives in the contemporary world and we are modern people. The first thing that needs to be said is every day we strive to enhance our inner world and therefore it is naturally that we desire to change our city for the best as well. Smart city is the basis of economic and social progress in the world. Such types of cities make the future of everyone. We believe that our city and country back in the past and we need to move forward. This project will help to introduce new innovative technologies that can improve the lives of each us.

I would like to stress that the concept of a smart city has long been operating in such cities as: Barcelon, London, Nice, Singapore, etc. Following the example of China, we would demonstrate how this technology works. Earthquakes and fires traffic jams are prevented because the city has its own intelligence. The city of Shenzhen is a metropolis with a population of half the country in which traffic jams, mass thefts never happened and the city is never crowded. The fires, earthquakes, tornadoes, all the misfortunes of Shenzhen can be prevented and therefore people's lives can be saved. Shenzhen is not the only city- with such a system. It works in more than fifty countries of the world and Ternopil along with our cities of Ukraine must also be among these countries.

Here are some main points to illustrate essential sings of a smart city:

- *Intelligent control systems traffic.*
- *A clever approach to street light.*
- *Involvement of the local residents in the city management.*
- *A clever house.*
- *The city Wi-Fi network implementation.*
- *Intelligent public transport.*
- *Emergency notifications.*
- *Emergency Response Buttons.*
- *Use of solar panels.*

To draw the conclusion, one can say that smart city is a modern city management model for the implementation of information and communication technologies in order to create a comfortable place for the city's residents. We believe that the secret of a smart city is that smart people should live in a smart city.