

Developing five minutes walking inside and near public centers mobile application (app)

Prof. Dr. Hüseyin Gökçekuş¹, Farhad Bolouri²

1,2. Faculty of Civil and Environmental Engineering, Near East University

1. huseyin.gokcekus@neu.edu.tr

2. farhad.bolouri@neu.edu.tr

Brief description of the idea

A mobile application that the target group has on their mobile phone and in their spare time (such as lunchtime at university) to be told what cultural or recreational places without the need for driving (for example, 5 to 15-minute goals On foot) is close to them and thus the project will move forward with the use of smart and stable city and air pollution reduction and climate action assistance. In fact, the idea is based on existing location apps like Google Maps that people use, and an app based on data from people's tastes, on nearby car-free places, showing that they can access relevant places on foot (discount restaurants, movie theaters, cultural venues, etc.) The application will not cost much, but it is up to sponsor's experts to determine how much it will cost. Also, the return on investment (profit) of this project will come from places introduced to people, restaurants, etc. will be taken.

Idea history

Today, clean air as the major requirement in improving the quality of lives is highly in demand which is overshadowed by climate change as well as air pollution. In this regard, policy-making and planning to reverse climate change and air pollution are of great importance. Also, with advances in technology, mobile ap-plications can play a key role in environmental awareness and taking suitable environmental action. Hence, by having benefited from this aspect the idea of " 5-minute walking inside and near public software" has been proposed. An environmental application which can develop in accordance with the user enthusiasm and reveals the 5 up to 10 minutes walking pass ways to the nearest and famous places and also, by considering the suggested discount presented by various stores.

State of Idea

The idea started from here: at Amirkabir University (one of the most famous universities in Iran), the idea was chosen as one of the top ideas in an idea generation competition for the university's sustainable development. At that time the idea was limited to a paper map (paper based), but in the courses held by them, the idea was upgraded to software. The certificate of this process and the acceptance of the idea as one of the selected projects are available in Annex 1. In the next step, the idea was sent to the national level for an idea competition organized by UNDP and the Environmental Protection Agency to combat climate change in Iran. It won the first prize in this event. Evidence of this is in Annex 2. Recently, this idea won another honor and with the help of my idea, I was invited to the "SDSN Youth program – Local Pathway Fellowship" as one of 100 young people from all over the world to implement my idea in my city of residence; on a 10-month program. The document of this invitation is attached to Annex 3.

The only remaining step to implement the idea in the city is the issue of funding and the financial plan. We hope to implement the plan in the city by winning this competition and receiving funds.

Link to read the paper of this idea:

https://link.springer.com/chapter/10.1007/978-3-031-04375-8_9

Support Letter from municipality

The letter demonstrating the support of the mayor of the municipality of Günyeli support is attached in Annex 4.

Annex 4

GÖNYELİ



BELEDİYESİ

Gönyeli,
Lefkoşa - KIBRIS

Tel : + (392) 223 19 01
Fax : + (392) 223 18 57

18/11/2022

To whom it may concern,

The "Developing five minutes walking inside and near public centers mobile application (app)" idea, which was presented by Prof. Dr. Hüseyin Gökçekuş and Mr. Farhad Bolouri from Near East University, is under the supervision of the municipality of Gönyeli and any support required for the implementation of the idea in the city is supported by the municipality.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Ahmet Yalçın Benli

Mayor of the Municipality of Gönyeli

