

Proiect Programarea dispozitivelor mobile

Air Quality

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Air Quality is an application which can maintain you up to date with the latest informations about the quality of the air we are breathing in some cities in world, like Paris, New York, Bucharest, London, Tokyo etc.

In order to provide those informations, we use AQI (air quality index) which is used by government agencies to communicate to the public how polluted the air currently is or how polluted it is forecast to become. Public health risks increase as the AQI rises, so different countries have their own air quality indices, corresponding to different national air quality standards. Some of these are the Air Quality Health Index (Canada), the Air Pollution Index (Malaysia), and the Pollutant Standards Index (Singapore).

The idea of this application is to inform users in an intuitive way, so instead of showing just an index, will show how many cigarettes are equivalent of one day breathing in that city. In this manner this app give a better idea of how much the quality of the air can affect them and how could they lower the level of pollution.

The application will have the next screens:



->Loading Screen

BACK Search

City name

AQI index Image with

Number of cigarettes the

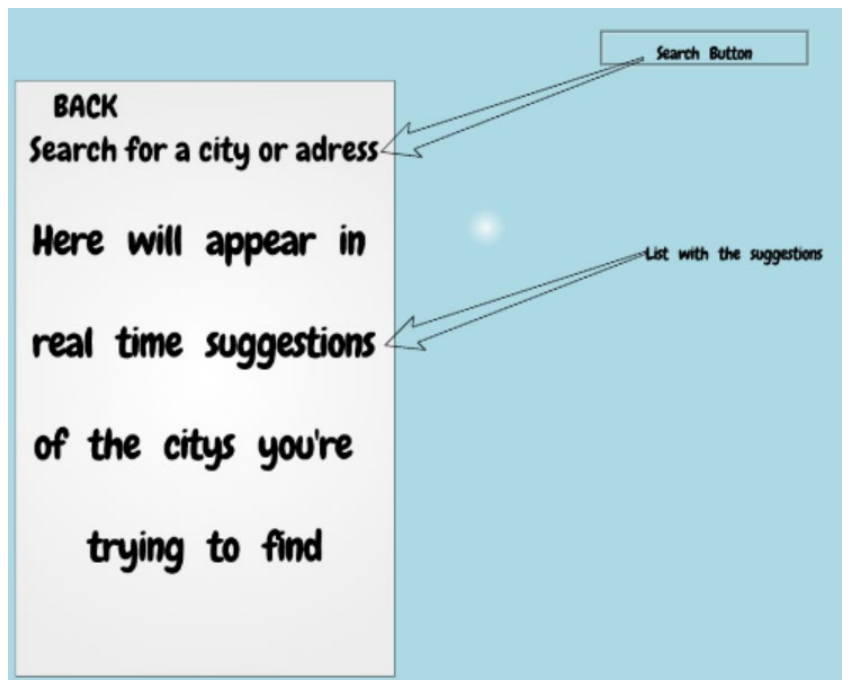
cigarettes

Some ideas with how

could you improve the

AQI

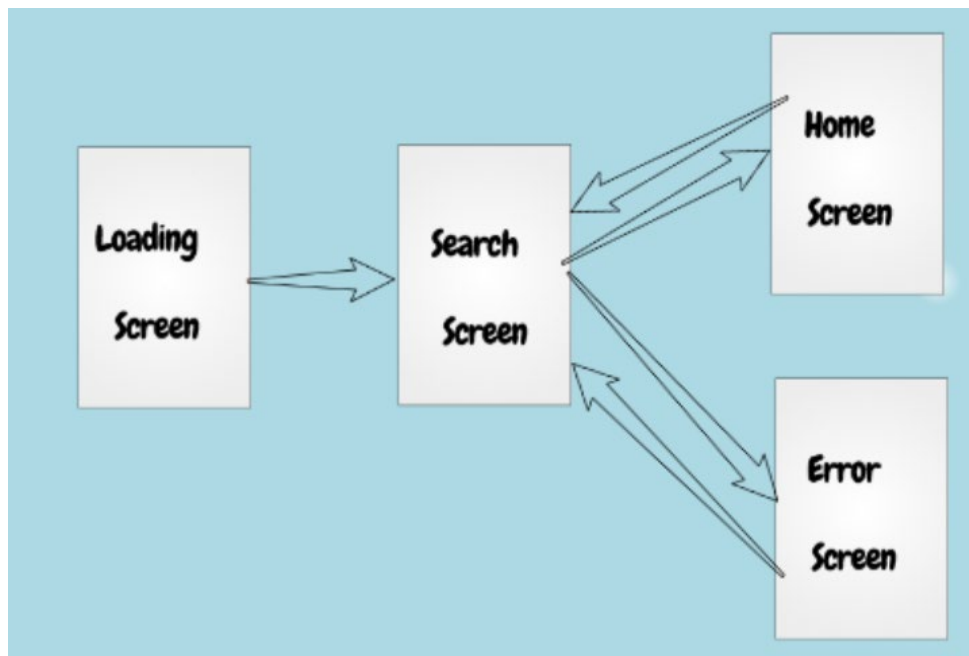
->Home Screen



->Search Screen



->Error Screen



->Application Flow

In order to provide those informations to the user, will use a free API and some information from the user device (with his permissions) like location.