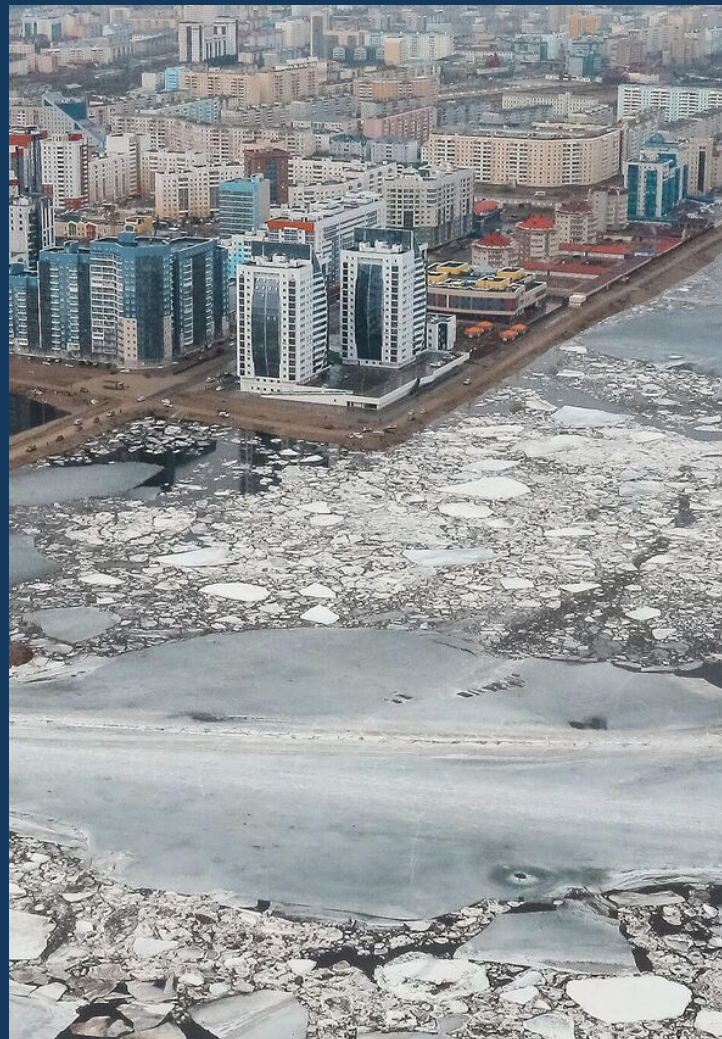# FIRST AND ONLY PLATFORM FOR MONITORING FLOODS AND EVACUATING PEOPLE IN CASE OF DISASTERS

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PURPOSE

Recently, there has been an increase in the amount of flood, causing significant damage to town near water. It is occurring due to absence of an instant notification about the incoming floods.
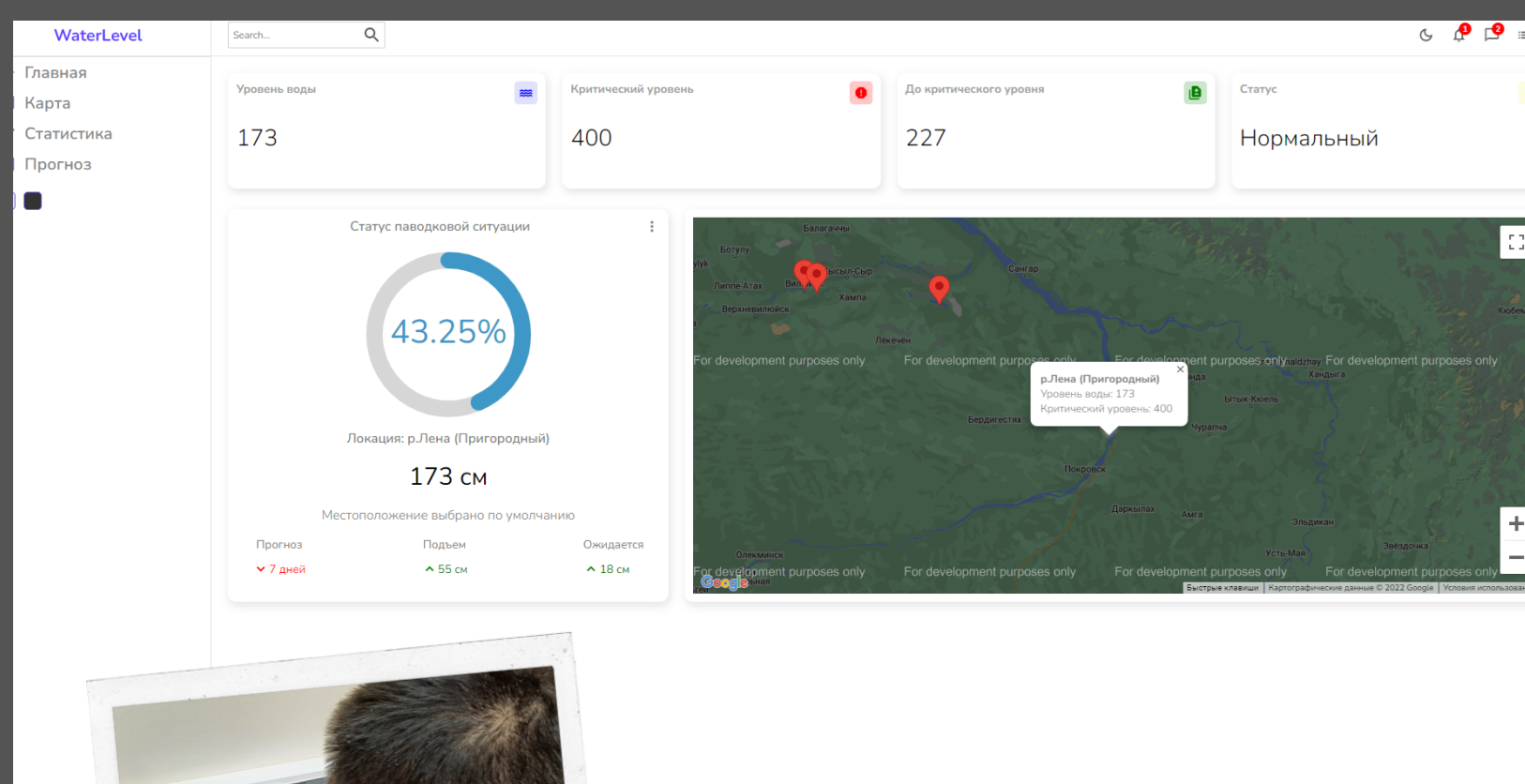
GOAL

Main goal of this project is to develop a platform for monitoring floods

TASKS

Do necessary research
Develop a database
Develop a website and work on its functionality
Develop the server side of the website
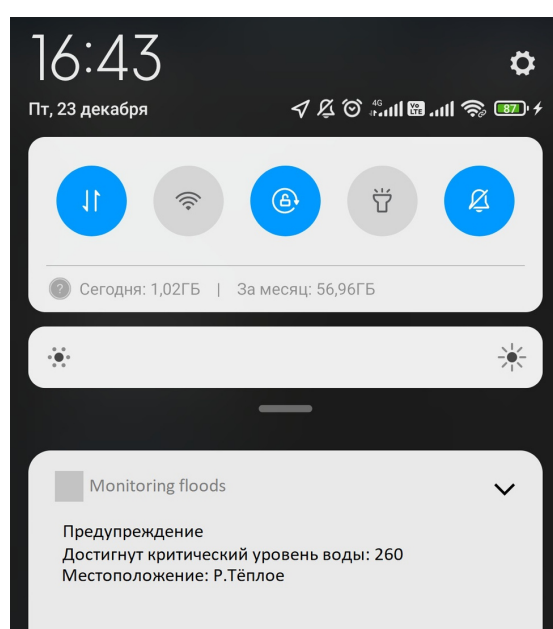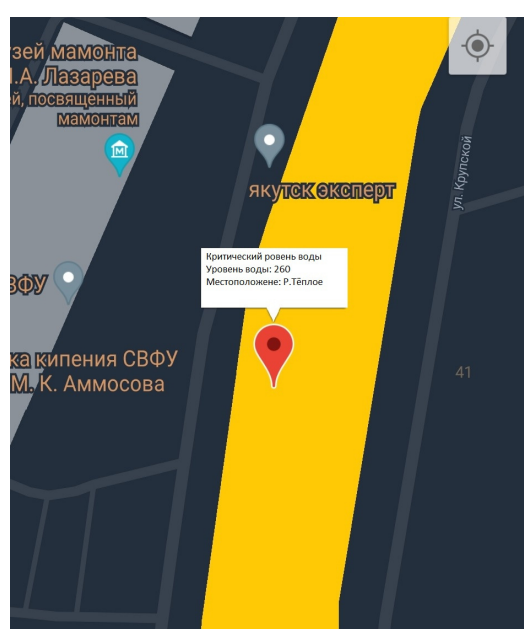Develop an app using Android Studio

WEBSITE

The website contains a map and widgets showing the locations in which data is being collected
Using mathematical analysis of received data, widgets present information

RECEIVING DATA

The data is received from Google Firebase on which data from a measuring system is stored

MOBILE APP

For the sake of comfort, a mobile app has been created. Now there is no need to check the data on a website every time.

RESULTS OF RESEARCH USING EXISTING DATA

1. Research on data and existing analogs was done
2. Website was developed
3. Structure of database was created and established using Google Firebase's Realtime Database module
4. Concept of an Android App and part of functionality were developed