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IBOT

NETWORK COMMUNICATION SERVICE

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ABOUT



The IBot service is designed to enhance the student experience by improving campus network connectivity.



IBot autonomously scans walls, recording network levels across blocks, floors, and classrooms, ensuring students have a stable internet connection.



IBOT

Function 1

Autonomous scanning
of network and number
of students.

Function 2

Optimize internet connection in popular
campus locations. Boost signal in high
traffic areas.

Function 3

Intelligent navigation
for safe movement
around the area.



STRATEGIES



Eliminate the need
to search for a
network

GOAL #1



Improving interaction
with services such as
the library and
canteens.

GOAL #2



Reduced connection
wait time and
constant
requirement for
network certificate.

GOAL #3

EXPERIENCE

One of the most important and frequently visited places suffers from poor network

BLOCK G

BLOCK H

3RD FLOOR

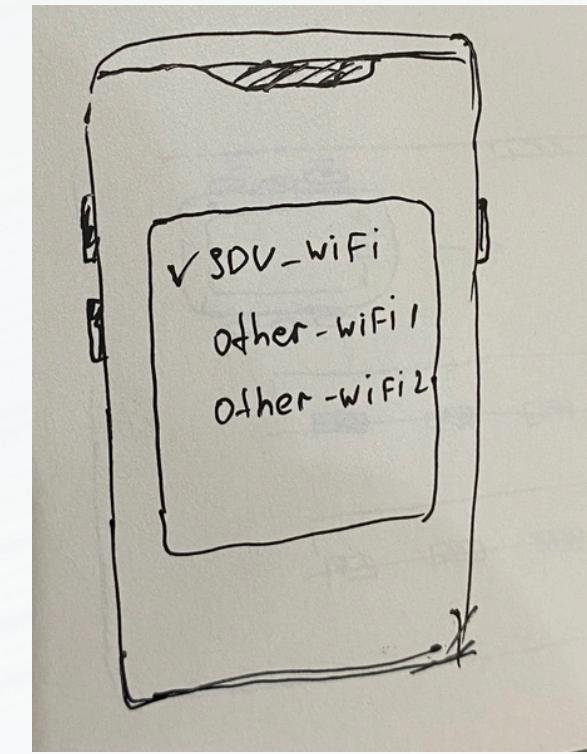
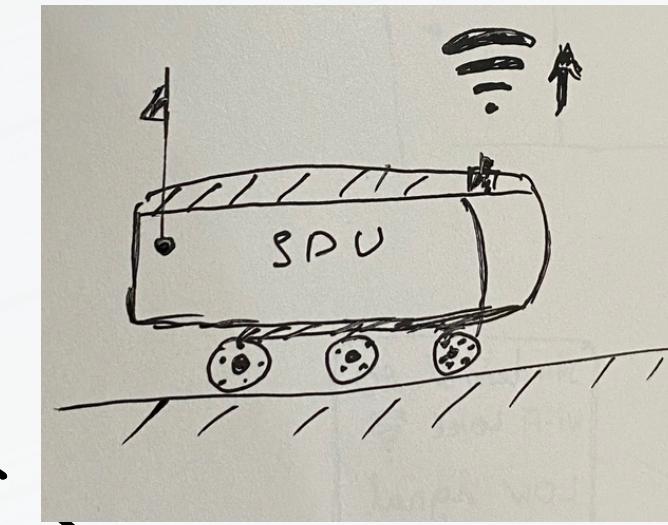
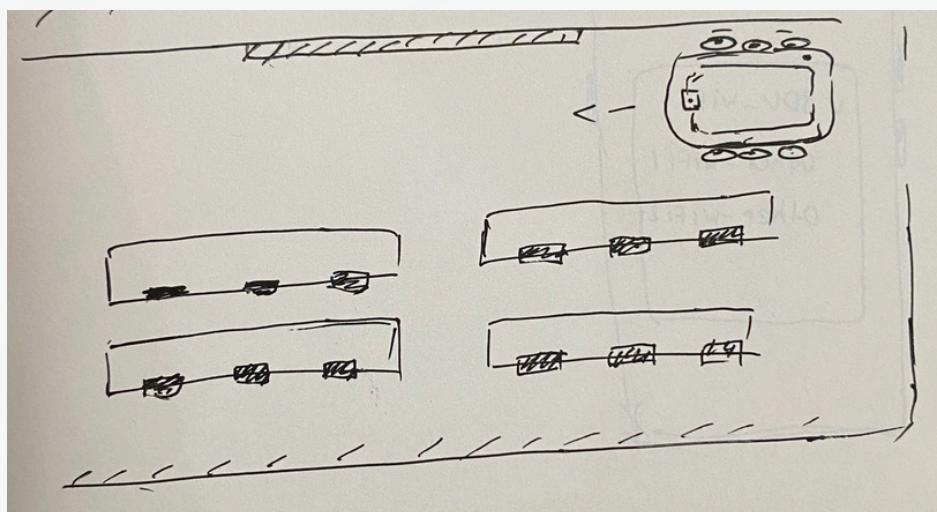
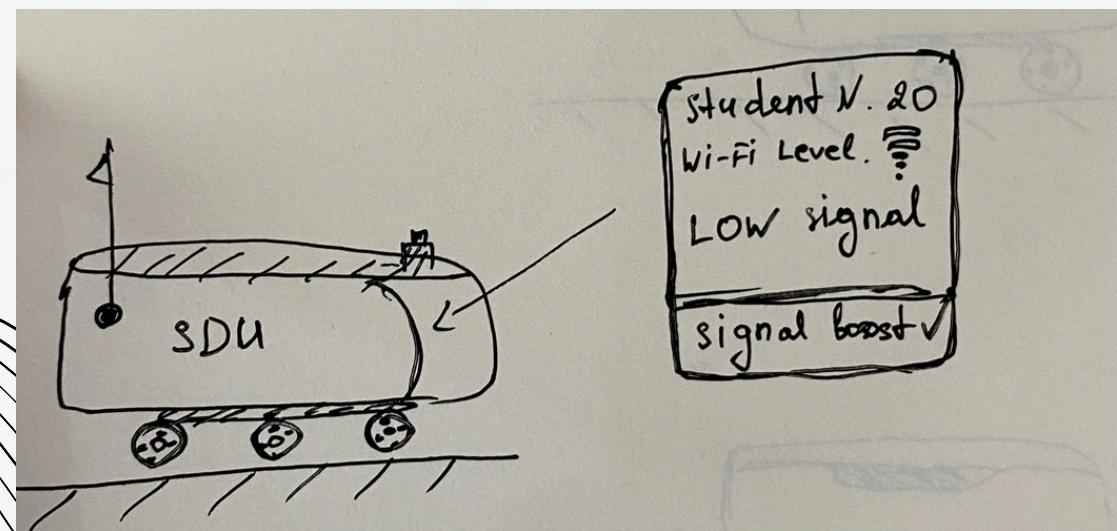
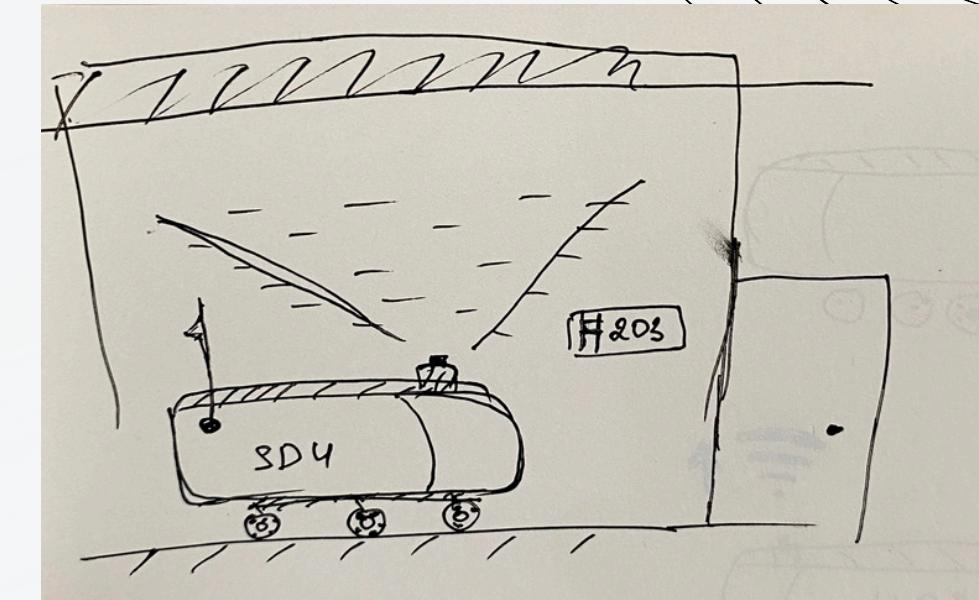
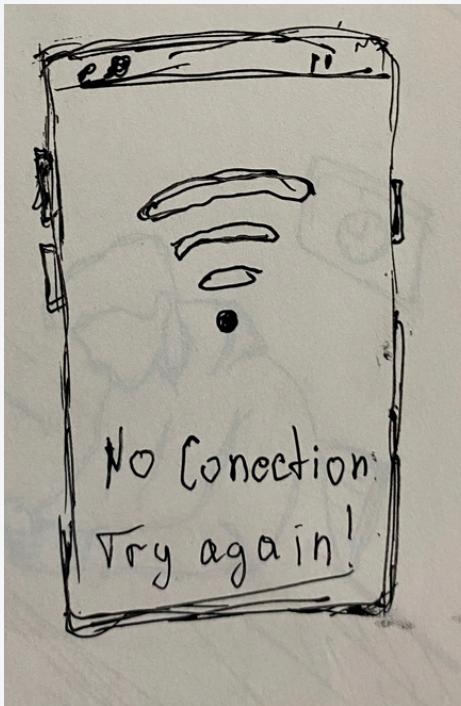
SDU LIFE

a very remote block with no less important priority in relation to Internet communication

The area around the market, both above and below, shows very poor network results on busy days.

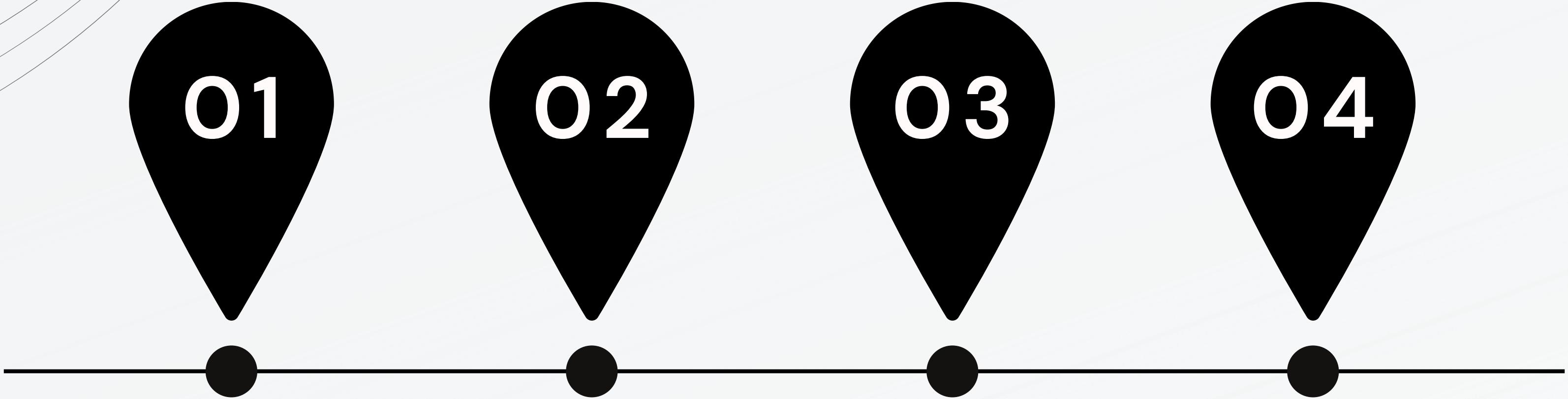
Very separate from the communication towers above the SDU

SKETCHES





WHY?



01

02

03

04

CONVENIENCE AND
ACCESSIBILITY OF
THE INTERNET

IMPROVING THE
QUALITY OF THE
EDUCATIONAL
PROCESS

TROUBLESHOOTI
NG CONNECTION
ISSUES DURING
PEAK HOURS.

REDUCING
QUEUES IN
MARKETS

To sum up, we can safely assure that a mobile router made on the basis of a Yandex robot will be very useful for students and employees of our university. Due to the fact that the campus area is quite large, the mobility of our WiFi will be convenient and profitable