



School of Computing and Information Sciences

Fall 2021 Capstone II Project

Freedom Fi

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PROBLEM

The main problem that we are trying to solve is a way around information gatekeeping against the people. We want to provide those with restricted/limited access to the internet an opportunity to inform themselves securely and without restriction.

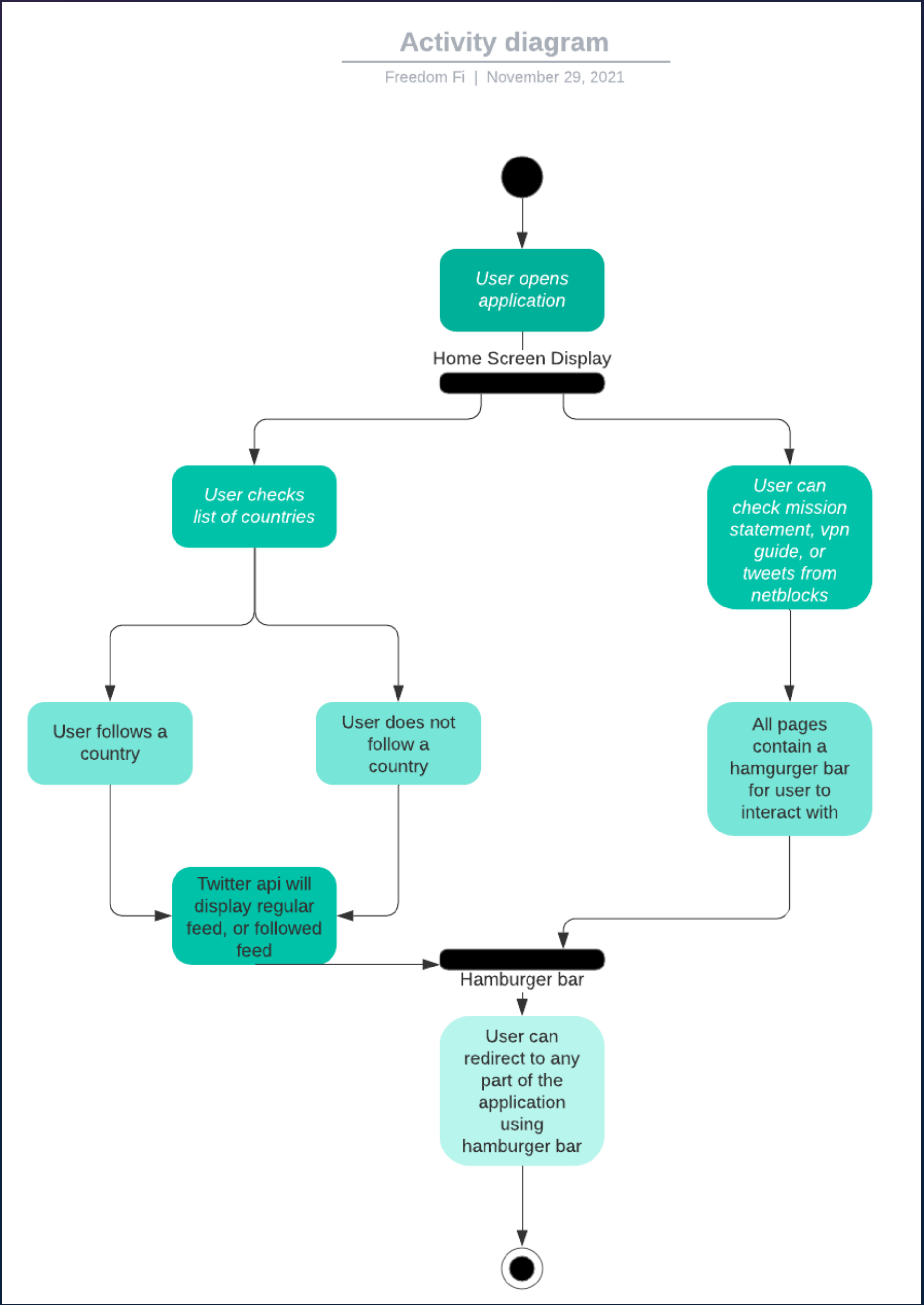
CURRENT SYSTEM

The current system of the project calls an API to twitter to display tweets from Netblocks twitter account (netblocks is where we will be getting the information). Its main goal is to show users what countries have limited access and how limited said access is. Aside from that, we have a list of countries that the user can follow, which would show more frequent updates.

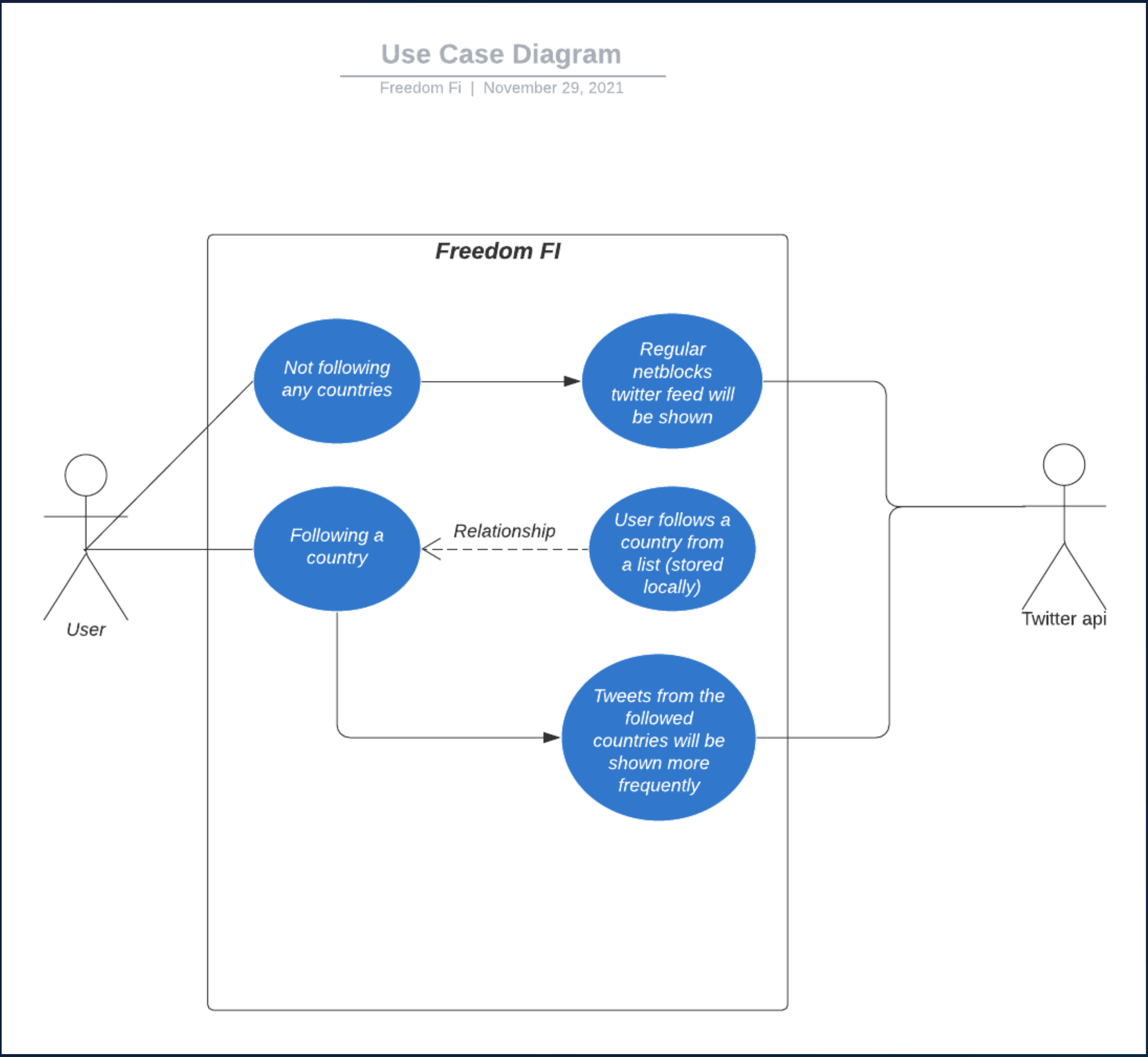
REQUIREMENTS

The goal for this semester of Freedom Fi was to create the application from scratch with support for both mobile and web use. The main goal was to implement twitter API calls to display netblocks tweets (the main source of information from the application), and allow users to choose from a list of countries which to follow (stored locally, not in a database)

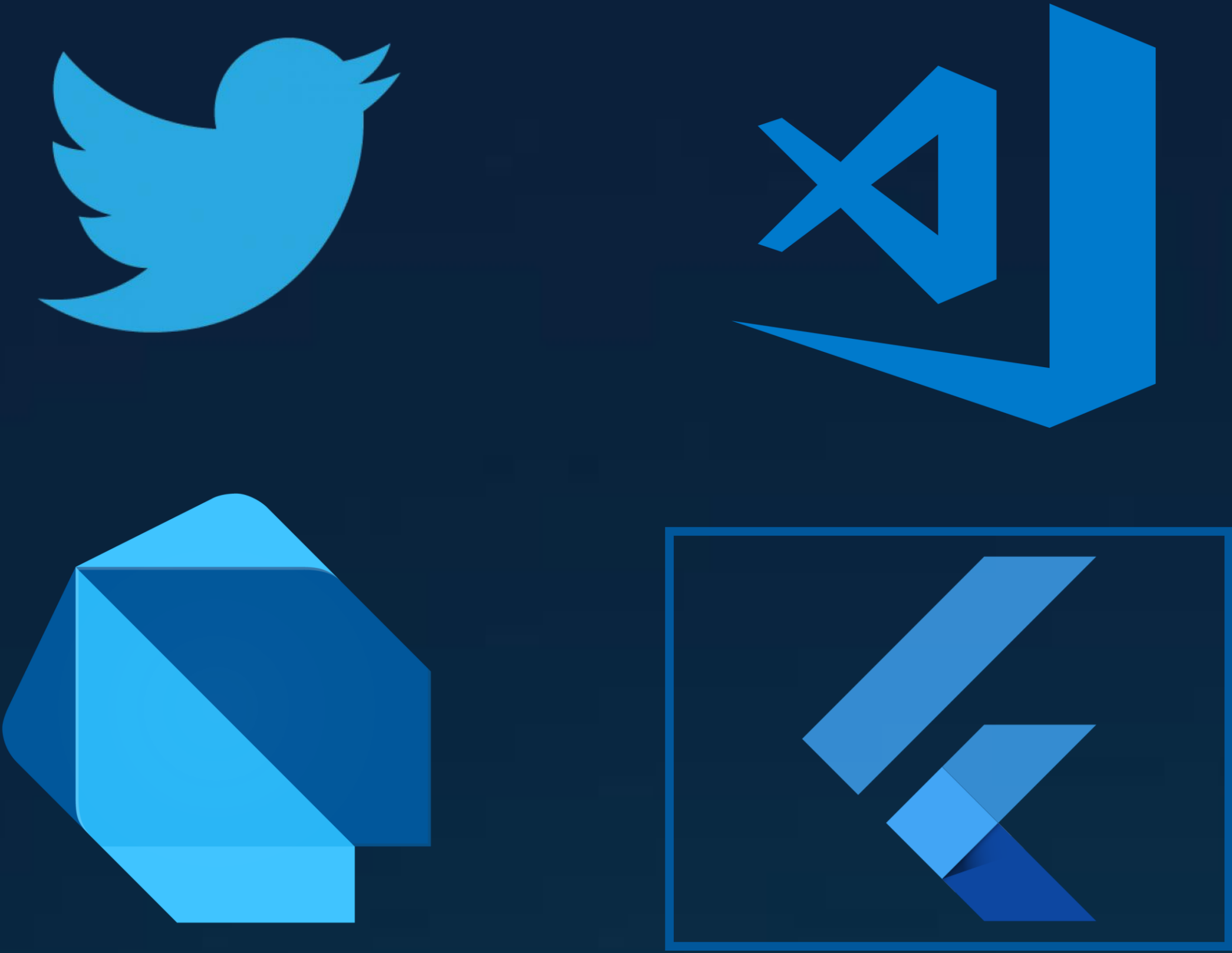
SYSTEM DESIGN



OBJECT DESIGN



IMPLEMENTATION



VERIFICATION

The app was tested by using VSCode with built-in emulator display and website application testing features to ensure the application would run. All the code is available under the Freedom Fi organization's GitHub

SUMMARY

The biggest requirements was to get the netblocks tweets to display (successful). Afterwards, we created a list of countries that the user could select

REFERENCES

Netblocks.org:
NetBlocks. (2018, January 10). *News Archives*. Retrieved November 28, 2021, from <https://netblocks.org/news>

ACKNOWLEDGEMENT

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