

UKRAINE TEAM



United Nations
Educational, Scientific and
Cultural Organization



Junior Academy of Sciences
of Ukraine

Maksym Leshchenko WEB MESSENGER 'Uvossu'

INTRODUCTION

One of the most essential needs of people is communication. There are many different ways to share information. From inscriptions on the rock to email letters. Today messengers are becoming more and more popular. Messenger is a system which is able to share data immediately and remotely using the Internet. It can send many types of data. For instance, text, voice, image and files with different extensions. Sometimes there is a need to send the code to another teammate to check why it works wrong. In the Internet you can find a big variety of such tools. But it's much easier to send your code in messenger, or even compile current snippet, isn't it?

PROJECT AIM

The aim of the study is to develop a messaging web application for developers with an integrated code compiler

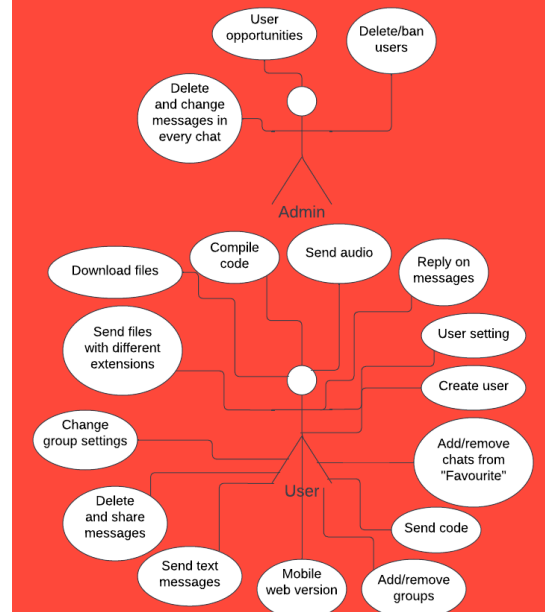
TASKS

- Achieving the goal involves the following tasks:
- analyze the most popular messengers and detect the upsides and downsides of each one;
 - create DB and convenient interface;
 - create connection between client and server;
 - develop web messenger which will be the best practice for developers.

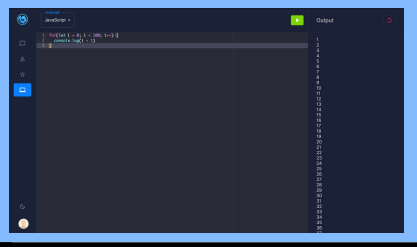
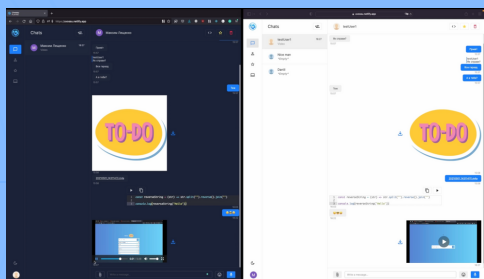
COMPARATIVE TABLE

	Facebook Messenger	WhatsApp	Telegram	Uvossu
Maintain the original file quality	-	-	+	+
Include special type for messages only for code	-	-	-	+
Opportunity to compile code	-	-	-	+

UML diagram



INTERFACE



CONCLUSIONS

- popular messengers were analyzed;
- created DB and convenient interface;
- created connection between client and server using Firebase client;
- web messenger was created to be the best practice for developers.

All illustrations are designed by the author.