

# Online Anonymous Multi-User Message Board

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1CHOOO

MULTI\_MESSAGE\_BOARD

GO

V1.21

REACT

V17.0.2

LICENSE

MIT

## Get Started

### Frontend with ReactJS

```
$ mkdir frontend
$ cd frontend
$ npm install -g create-react-app
$ npx create-react-app .
$ yarn add node-sass
```

### Backend with GO

```
$ mkdir backend
$ cd backend
$ go mod init github.com/1chooo/socket-programming
$ go get github.com/gorilla/websocket
```

## Introduction

# How it works?



## Features

### Features

1. [Go](#) Backend / [ReactJS](#) Frontend
2. TCP Socket
3. [Real-Time](#), [Multithreading](#)
4. [Friendly](#) to CS Students
5. RWD
6. Non Blocking
7. Git Version Control, Dockerfile

## Languages and Tools

# Why Go, ReactJS



**Multithreading, Frontend and Backend Separately**

## Project Structure

### Backend

```
backend/
├── pkg/websocket
│   ├── client.go
│   ├── pool.go
│   └── websocket.go
├── Dockerfile
├── go.mod
├── go.sum
└── main.go
```

### Frontend

```
frontend/
├── :
├── :
├── src/
│   ├── api/
│   │   └── index.js
│   ├── components/
│   │   ├── ChatHistory/
│   │   │   ├── ChatHistory.jsx
│   │   │   ├── ChatHistory.scss
│   │   │   └── index.js
│   │   ├── ChatInput/
│   │   │   └── ChatInput.jsx
```



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