# **Flappy Bird Online**

Flappy bird -- which game was once popular all over the world as a leisure type, also as the first development project for many game engineers, was a single-player game. In this project, we made efforts to make it available and play with one another online.

# Members(In lexicographic order, name from Github):

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The author who major writes the Interaction between client and server. Completes the key technical issues.

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The main tester, who provides the running environment of the software and the server device(with STCloudLake).

STCloudLake

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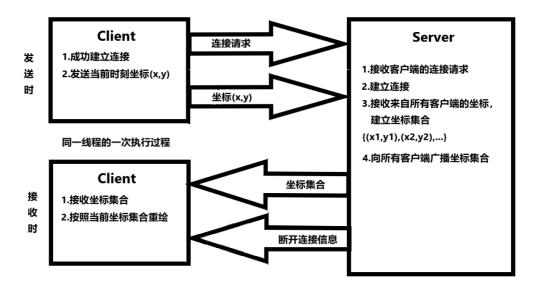
The proponent of project thought, as the major maintainer of this project, providing ideological and technical guidance, as well as this README file:)

#### **About project working progress**

1. Draw View

It's very easy. There's nothing to say.

2. Connection Progress



## **Develop and deploy project**

- 1. Develop environment
  - Android Studio (Client & FlappyBirdOnline)
    - Android Gradle Plugin Version 7.0.4
    - Gradle Version 7.0.2
    - Compile Sdk Version 29
    - Min Sdk Version 21
    - Target Sdk Version 29
  - Intellij Idea (Socket Server)
    - Jdk-1.8.0\_291 & Jdk-16
    - Sdk default 8
    - Maven 3
- 2. Deploy environment
  - Client
    - Android System Device (or virtual device), for API 29 above.
    - Google play service
  - Server
    - Windows 10/ Linux (best for centOS7)
    - Apache Tomcat Server 9.0.45 / Nginx 1.20.2
    - Docker 3.9

### **Project develop progress**

- 1. Project establishment 2022.4.5
- 2. Gathering materials 2022.4
- 3. Start programming 2022.5
- 4. Client complete 2022.5.26
- 5. Server complete 2022.6.1
- 6. End project 2022.6.6