POLITECNICO DI MILANO - COMPUTER MUSIC LANGUAGES AND SYSTEMS
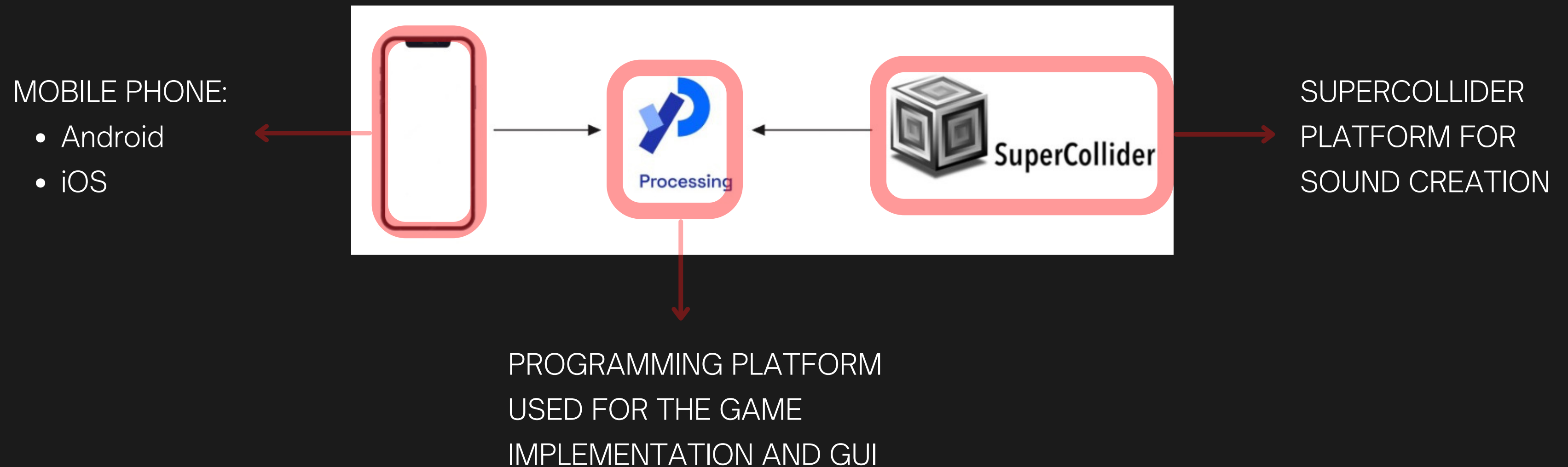
POLITECNICO
MILANO 1863

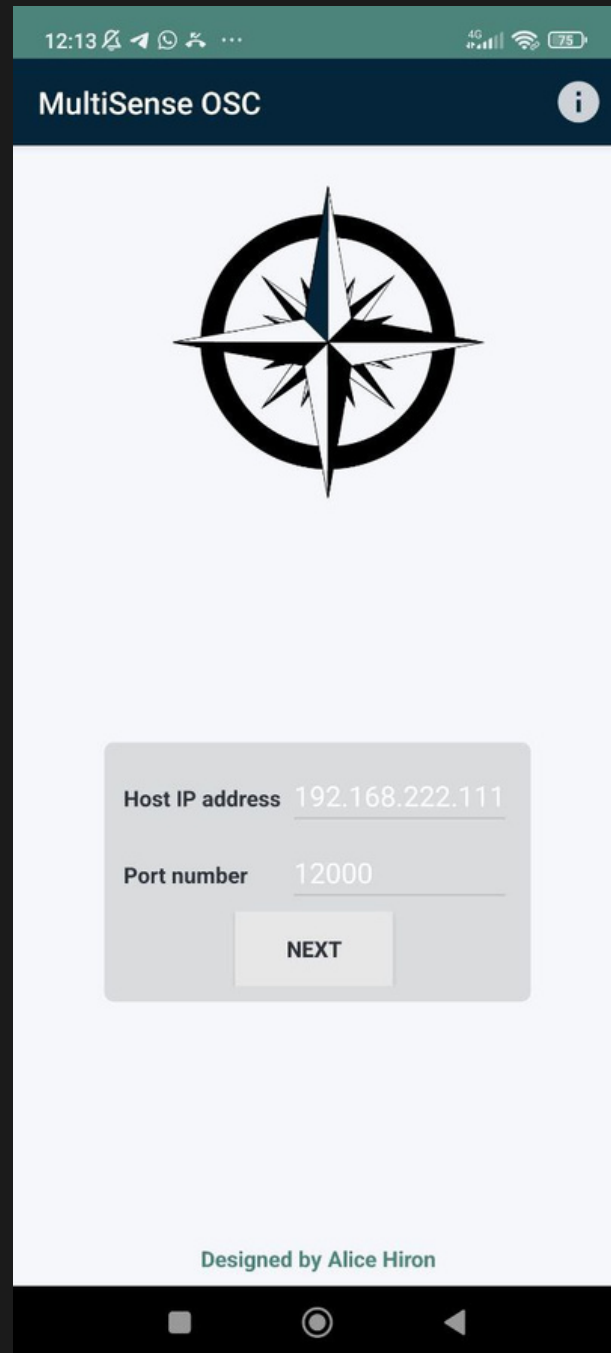RADICAL GEEKS

HW#3 SUPERCOLLIDER: CHORDOPHONE CHAMPION

UMBERTO DERME
GERARDO CICALESE
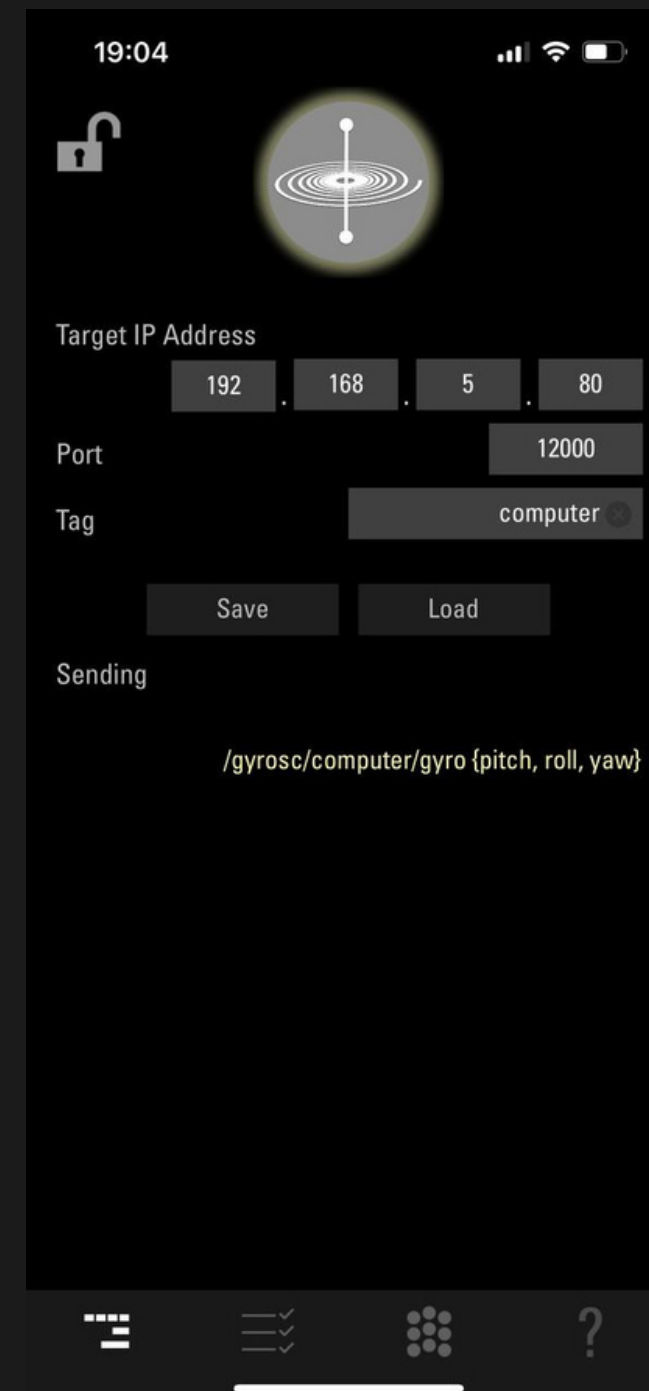ALBERTO BOLLINO
GIORGIO GRANELLO

OVERVIEW OF CHORDOPHONE

Chordophone Champion takes inspiration from the famous game Guitar Hero, allowing the user to play some of his favourite songs using a personal computer and a mobile phone.
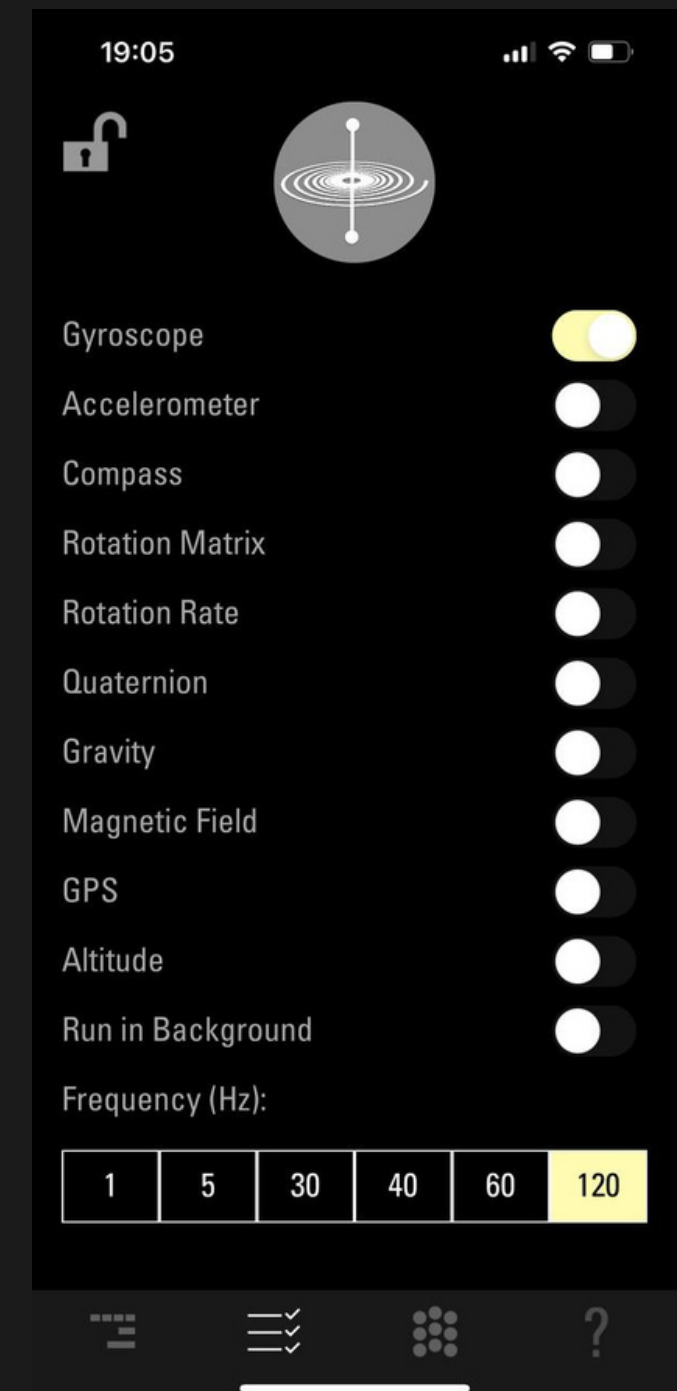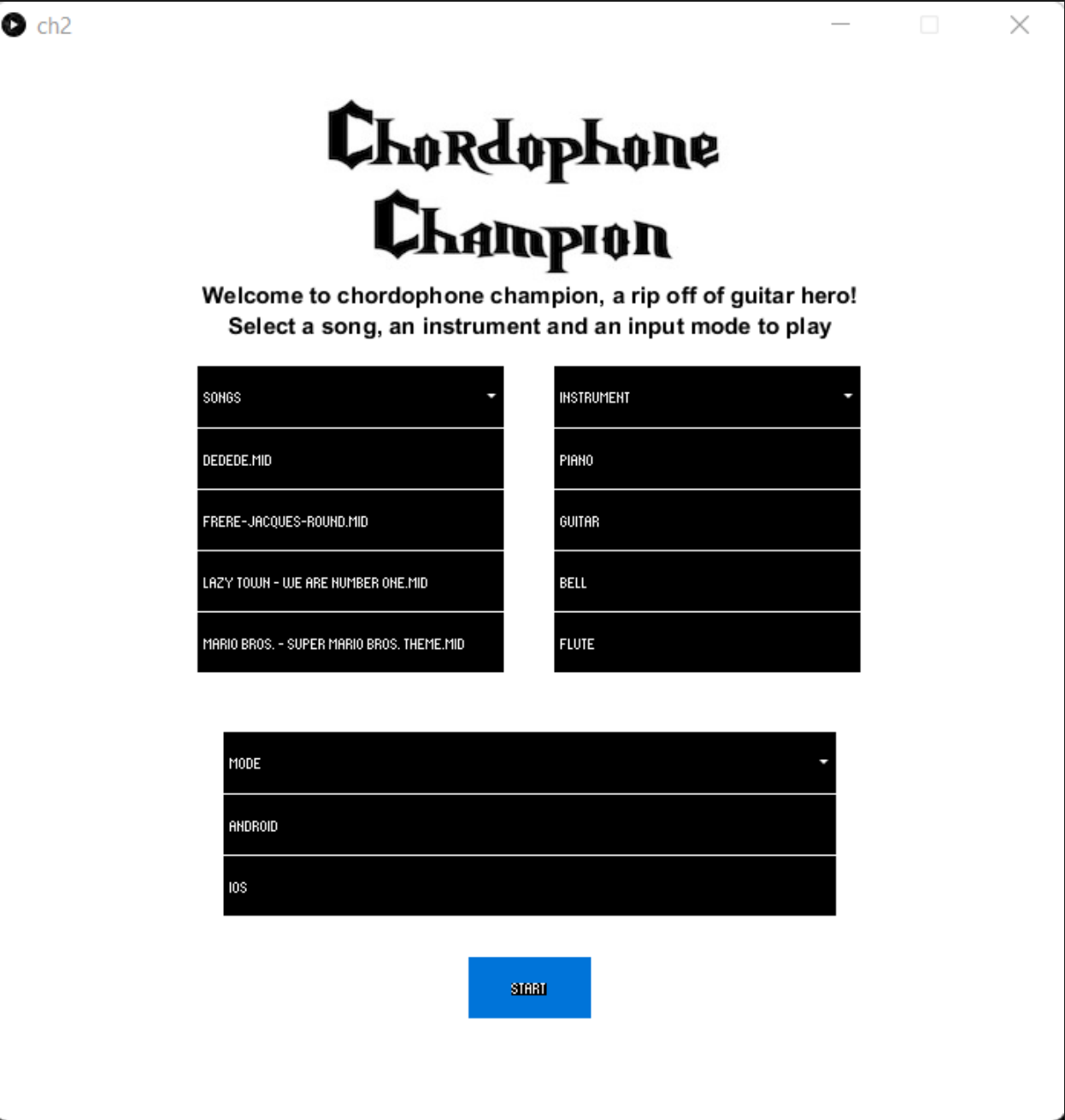
MOBILE PHONE:
- Android
- iOS

SUPERCOLLIDER PLATFORM FOR SOUND CREATION

PROGRAMMING PLATFORM USED FOR THE GAME IMPLEMENTATION AND GUI

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MOBILE PHONE APPLICATIONS

ANDROID
MultiSense OSC

IOS
GyrOSC

MAIN MENU

SONG CHOICE

INSTRUMENT CHOICE

OPERATING SYSTEM CHOICE

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PLAYING THE GAME
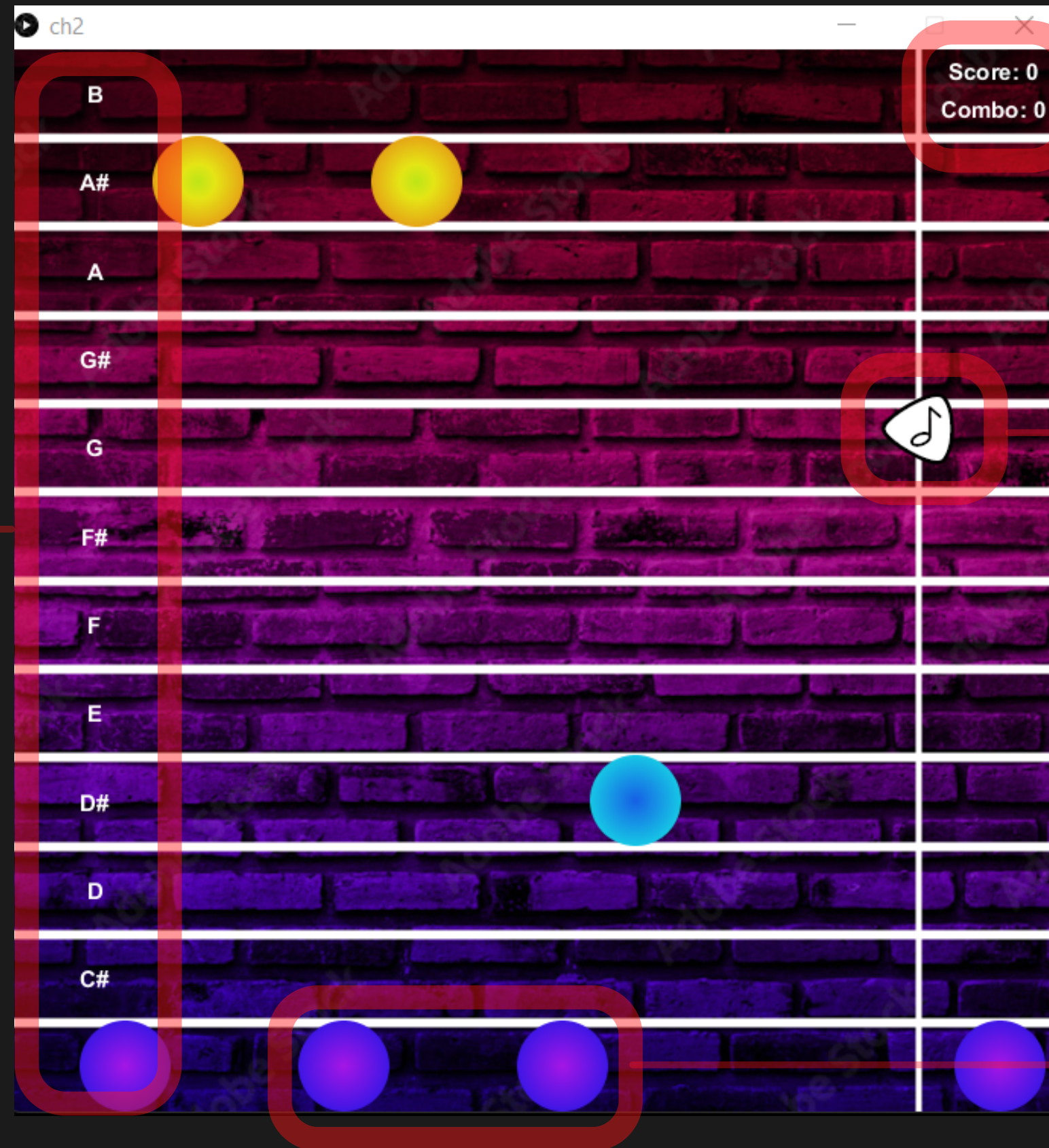
LOOK AT YOUR CURRENT SCORE AND COMBO

POINTER CONTROLLED BY THE MOBILE PHONE

GAME SCREEN DIVIDED INTO TWELVE EQUAL SPACES

THE SPACING RESPECTS THE SONG TEMPO

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HOW TO PLAY

open-it

Open your mobile phone application

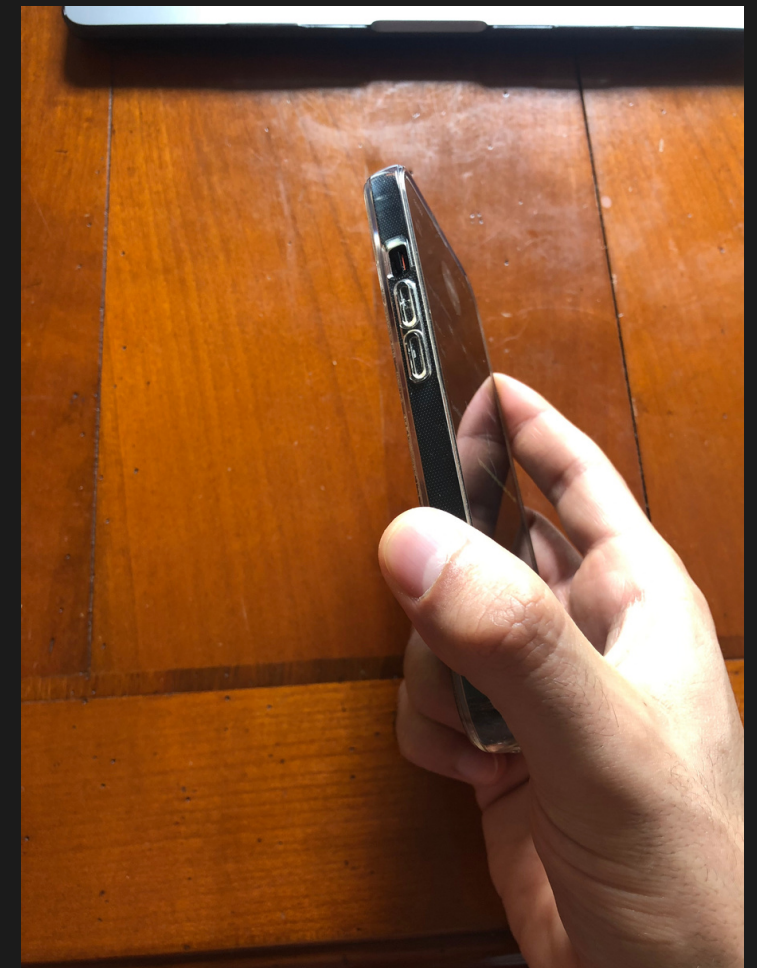## *link-it*

Set the right receiver IP address (your computer)

twist-it

Twist your phone clockwise or counter-clockwise pointing at the PC screen

move your pointer upward

move your pointer downward

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GAME OVER MENU

LOOK AT THE PAST GAMES
RESULTS

INSERT YOUR NAME AND SAVE
YOUR RESULT

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THANKS FOR YOUR ATTENTION

LINKS:

FOR MORE
DETAILS
SEE
README.md
FILE ON
GITHUB

VIDEO DEMO: ———— https://youtu.be/lGMlr7y8tyM

GITHUB: ———— https://github.com/polimi-cmls-22/group7-hw-ID-Radical_Geeks

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