

**YEAR**

2022

**PRESENTERS**

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# FRENCH WORDLE

Team-004

**DATE**

05/12/2022

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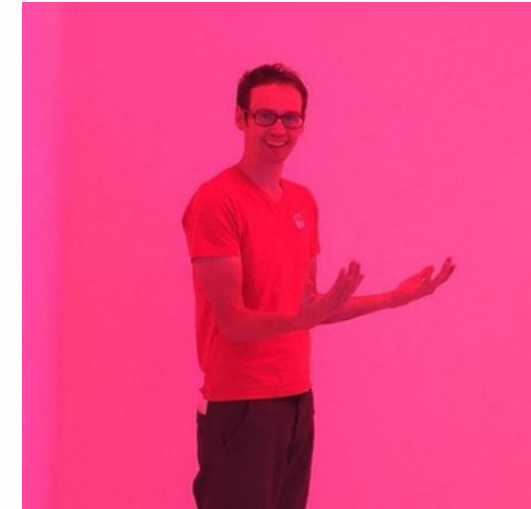
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# BACKGROUND

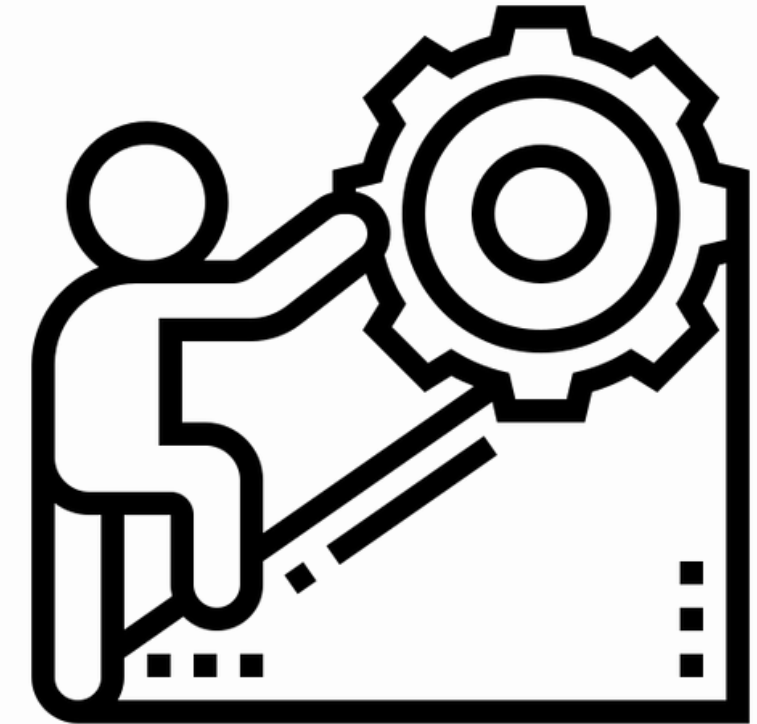
- MODERN VERSION CREATOR: JOSH WARDLE
- RELEASE DATE: OCTOBER 2021
- SOLD TO THE NEW YORK TIMES IN 2022 FOR \$1,000,000 +



## APP DESCRIPTION:

- NEW WORD IS RELEASED EVERYDAY
- USERS GET 6 ATTEMPTS TO GUESS THE WORD
- EACH GUESS MUST BE A VALID 4-LETTER WORD
- GAME ENDS ONCE TIMER RUNS OUT

# CHALLENGES



## OBSTACLES

- TIME CONSTRAINTS
  - PROJECT TIMELINE WAS NARROW
- OTHER CLASS WORKLOADS
  - BALANCING OTHER CLASS WORK
- VERSION CONTROL
  - THOSE UNFAMILIAR W/ VC HAD TO LEARN BASICS
- MEETING REGULARLY
- STUDYING FOR CLASS FINAL

# INNOVATION

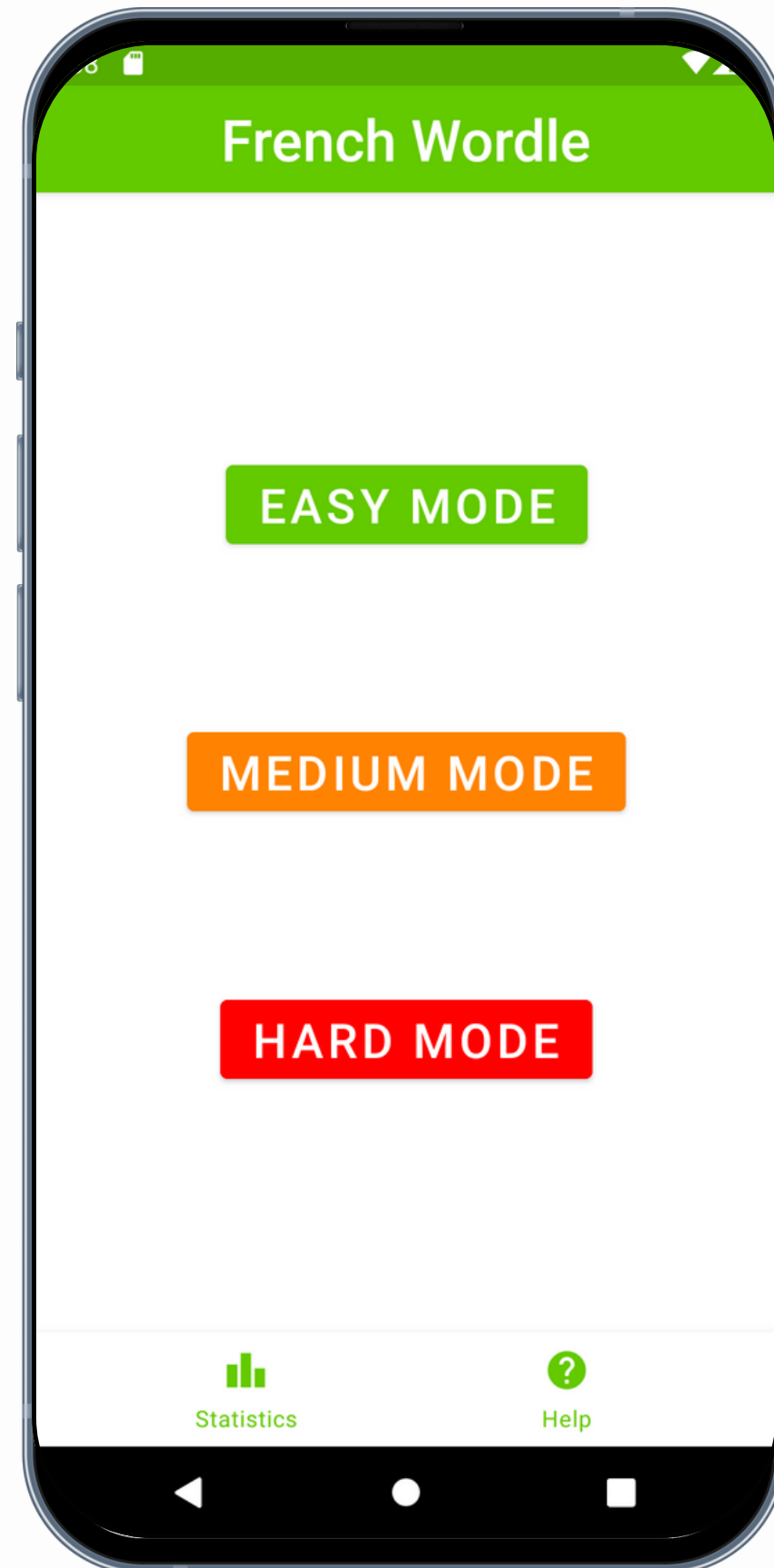
## SOLUTIONS:

- TIME CONSTRAINTS
  - WORK EARLY AND OFTEN
- OTHER CLASS WORKLOADS
  - MANAGE TIME WELL
- VERSION CONTROL
  - USED GIT CHEATSHEET
- MEETING REGULARLY
  - COMMUNICATE USING DISCORD
- STUDYING FOR CLASS FINAL
  - ASK QUESTIONS IN SHARED CHANNEL



02

COLOR

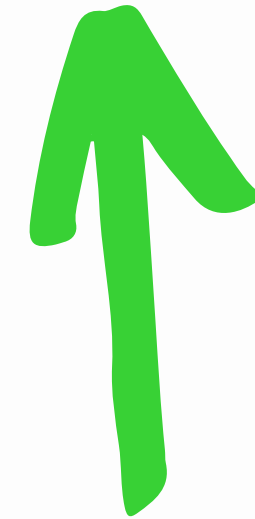


DISCUSSION

# MERIT

HOMESCREEN:

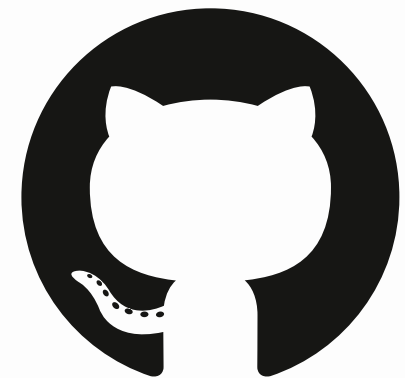
- MODES:
  - EASY
  - MEDIUM
  - HARD
- BOTTOM NAVIGATION
  - GO TO STATISTICS
  - GO TO HELP SCREEN



DIFFICULTY



TIMER



## LIMITATIONS AND ANDROID CONCEPTS

# LIMITATIONS

**CONSTRAINTS:**

- TIME CONSTRAINTS
- VERSION CONTROL PLATFORM:
  - GITHUB
- PROGRAMMING LANGUAGE:
  - KOTLIN
- SET LIST OF ANDROID CONCEPTS TO IMPLEMENT

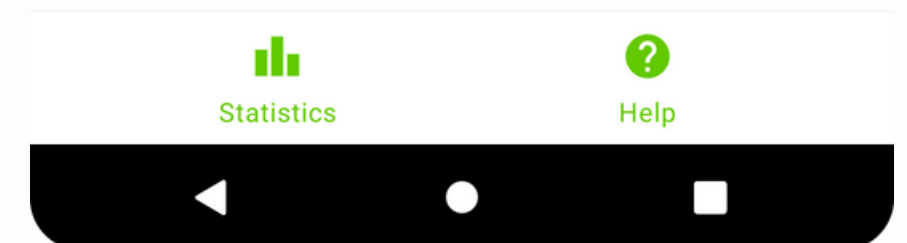
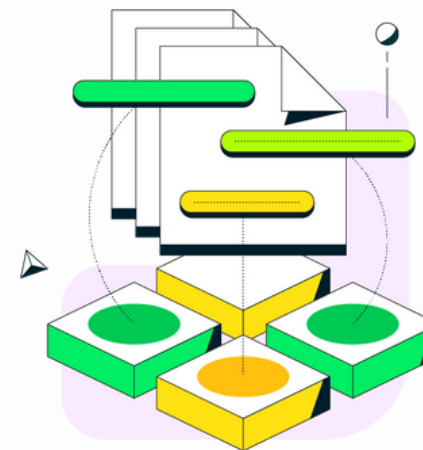


## LIST OF CONCEPTS:

- API
- NAVIGATION
- FRAGMENTS
- WORKMANAGER
- FIREBASE
- ROOM
- UNIT TESTING
- VIEWMODEL
- LIVEDATA
- MVVM PATTERN
- REPOSITORY PATTERN
- RECYCLERVIEW
- PERMISSION
- MATERIAL DESIGN
- NOTIFICATIONS

## LIMITATIONS AND ANDROID CONCEPTS

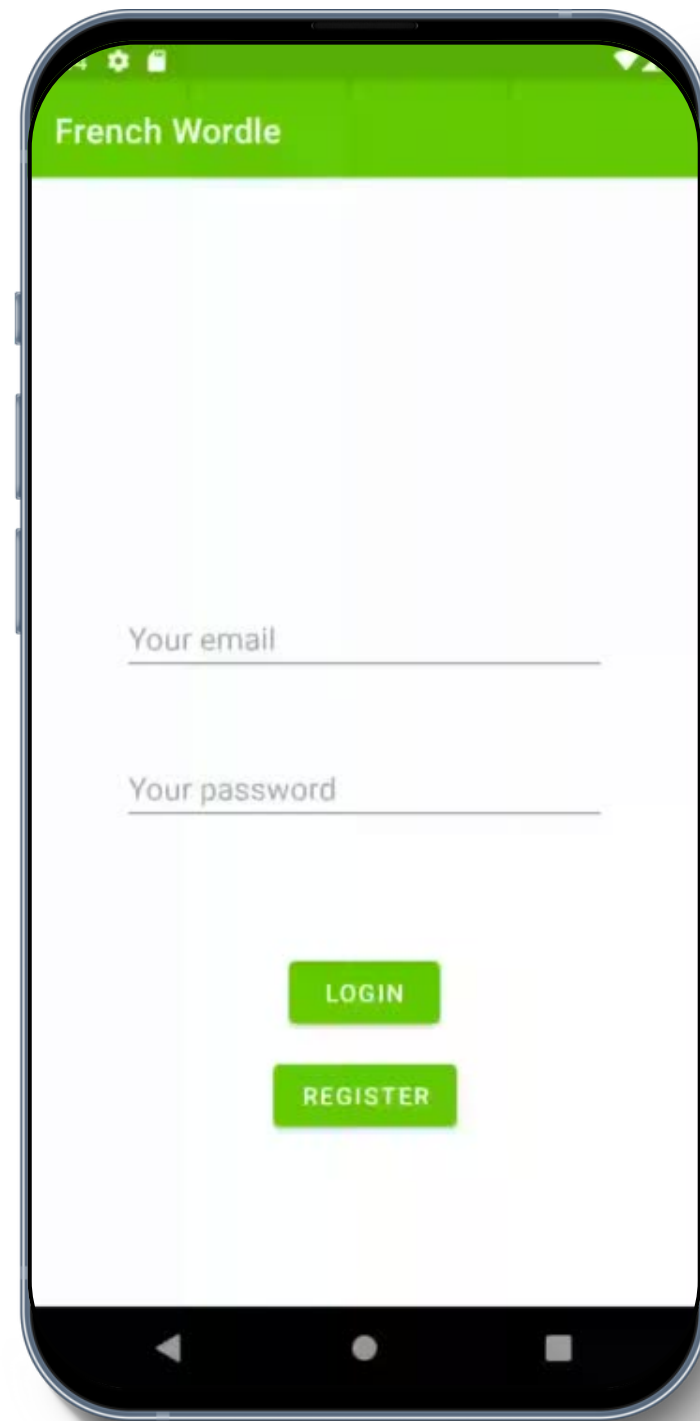
# ANDROID CONCEPTS





04

COLOR



DEMO

VIDEO DEMO

# CONTRIBUTIONS TABLE

04

COLOR



	Thomas Benmabrouk	Lilian Brun	Louis Girard	Dylan Kral	Marcos Lopez	Jacob Tep	Christian Tobin
Project Proposal	x	x	x	x	x	x	x
Writing Report	x	x	x	x	x	x	x
Presentations	x	x	x	x	x	x	x
Bar Navigation					x		
API							x
Levels of Difficulty		x					
Login/Register			x				

# THANK YOU

ANY QUESTIONS?