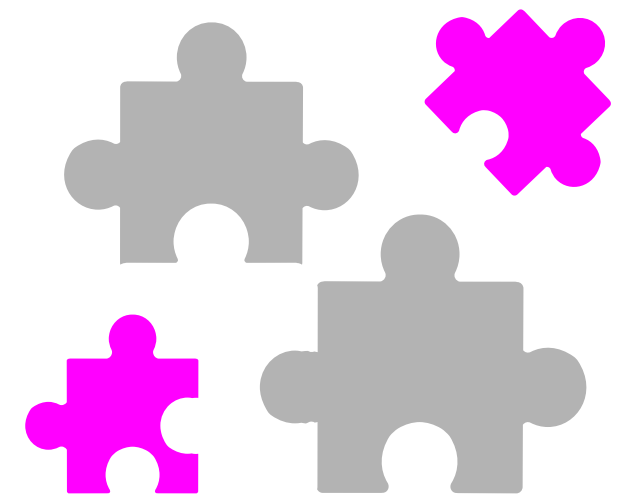


v



# wiki\_guesser

Try to estimate Wikipedia page popularity as closely as possible. Test your intuition and learn fascinating facts along the way!

**presentation\_intro**

Our Collaborative Coding Journey

# presentation\_index.csv

index,title

1,presentation\_intro

2,python\_piranhas

3,collaboration\_process

**4,game\_showcase**

5,mvp\_and\_ideas

7,game\_rules

6,github\_setup

7,task\_management

8,project\_structure

9,player\_journey

10,functionality\_overview

11,biggest\_challenges

12,key\_learnings

13,wikipedia\_discoveries

# python\_piranhas

Instructor: Maicon



Melody  
wiki stats



Martha  
cli UI



Alex  
git master



Chris  
game functions



Denis  
storytelling

# collaboration\_process

## Open Zoom Workspace

We kept a live Zoom meeting running, allowing team members to join or leave as needed, with updates on AFK (away-from-keyboard) time.

## Flexible Coding Breakouts

We worked solo and used pair-programming for focused (coding) tasks.

## Regular Check-Ins

Scheduled full-team meetings ensured everyone was informed and aligned on progress and next steps.

## Centralized Communication and Shared Storage

Slack and Github helped us share updates and prevent data silos, ensuring a transparent and streamlined process.



## requirements\_mvp

### setup: Game Setup & Welcome Screen

- > Greeting & brief explanation of the game
- > Play Tutorial Round
- > Enter Player Names
- > Enter Number of rounds

### Start of Game == Blueprint for each round

- > Show wikipedia article preview
- > Users guess number of page views
- > Present round winner

### end: Winner announcement

- > Replay with same users/no. rounds
- > Option to start all over again

## nice\_to\_have

- > Ask for additional statistics (edits, countries, languages, page size, ...)
- > Improve the Point Reward system (closer estimation, more points)
- > Highscore Dictionary in a .json-file
- > Single player mode: compare the ranking of 2 sites (higher or lower page views)

## game\_rules

Welcome to Wikiguesser!

How good do you know the interests of other Wikipedia users? Let's have a try!

Whoever estimates better, how many views a random Wikipedia page has, wins the round.

Try to guess better than the other player and become a master Wikiguesser!

If Player 2 enters the same estimation as Player 1, Player 1 will win the point.

So, how do you play Wikiguesser? Here you are:

Chose an uneven amount of rounds you want to compete against each other.

The Players take turns giving their estimates.

Pay close attention to when it's your turn and estimate better than your fellow player to win!

If you are new to Wikiguesser - just start a tutorial round to try it out!

Player 1, please insert your nickname here:

## game\_showcase

Game Showcase & Repository Link



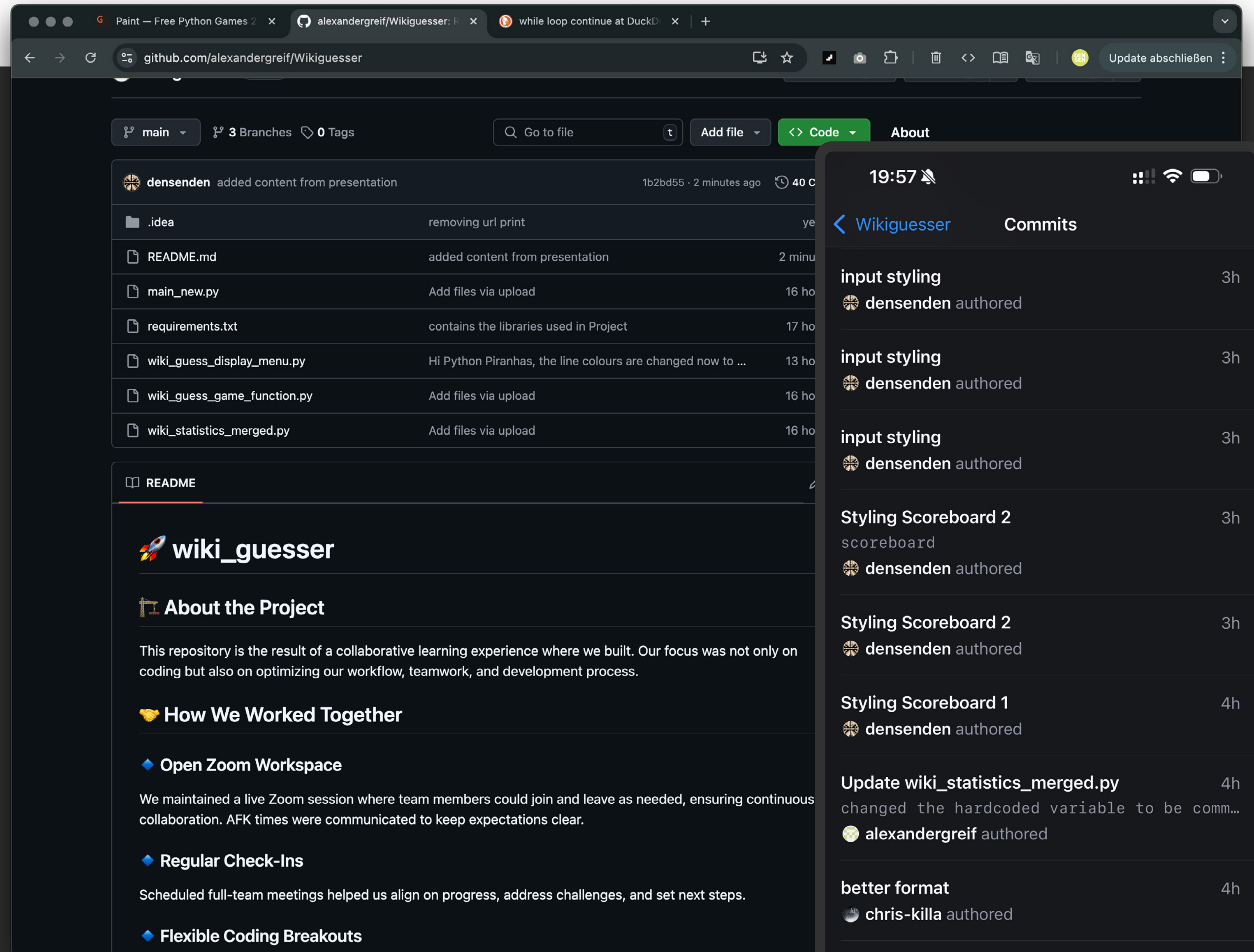
Try wiki\_guesser on your own!



# github\_setup

need of

- > version control
- > file sharing
- > documentation
- > collaboration



The image shows a GitHub repository page for 'alexandergreif/Wikiguesser' on a desktop browser. The repository has 3 branches and 0 tags. The file list includes .idea, README.md, main\_new.py, requirements.txt, wiki\_guess\_display\_menu.py, wiki\_guess\_game\_function.py, and wiki\_statistics\_merged.py. The README section is visible, titled 'wiki\_guesser', with sections 'About the Project', 'How We Worked Together', 'Open Zoom Workspace', 'Regular Check-Ins', and 'Flexible Coding Breakouts'.

Overlaid on the right is a mobile app interface showing the 'Commits' page for 'Wikiguesser'. The commits list includes:

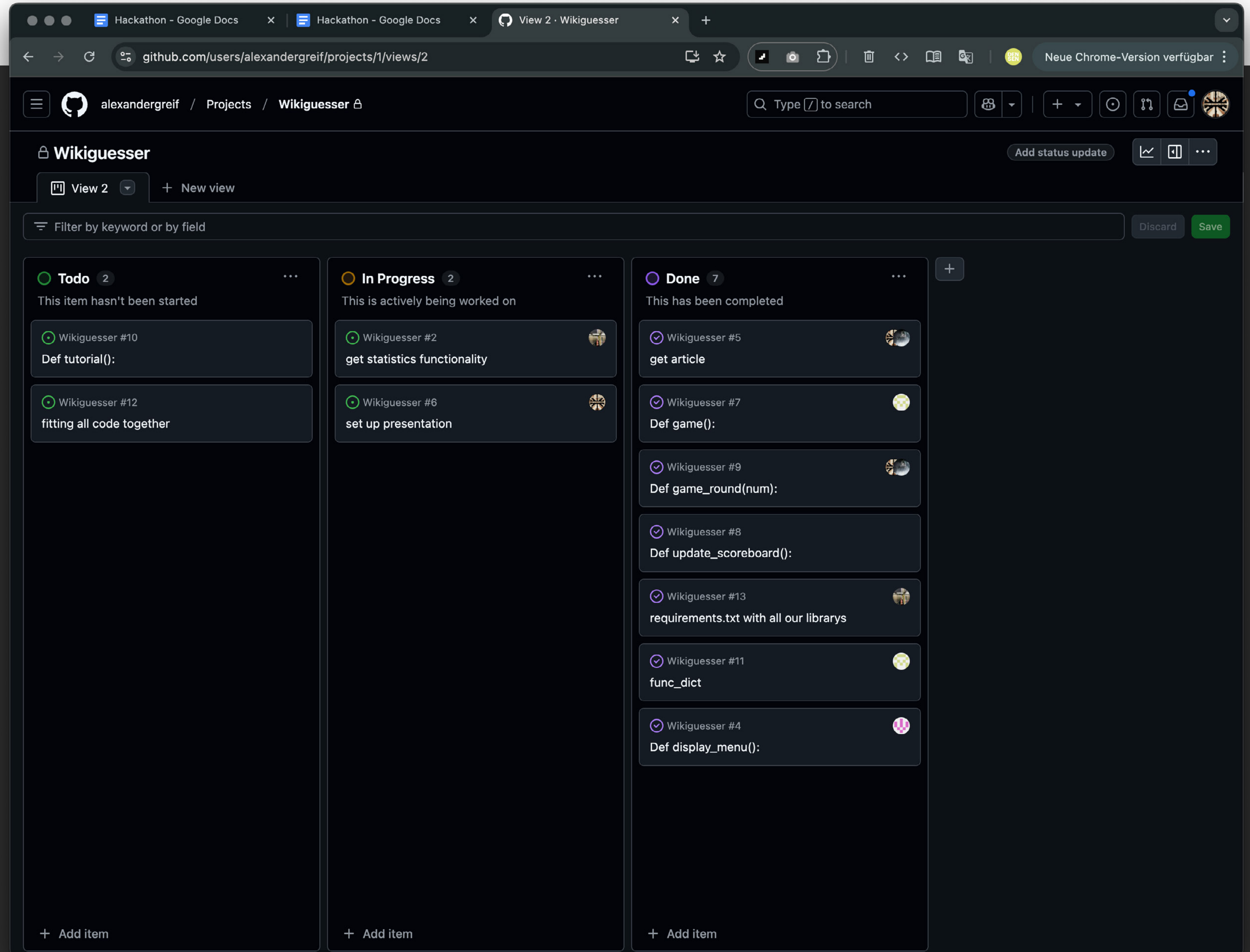
- input styling (3h) by densenden
- input styling (3h) by densenden
- input styling (3h) by densenden
- Styling Scoreboard 2 (3h) by densenden
- Styling Scoreboard 2 (3h) by densenden
- Styling Scoreboard 1 (4h) by densenden
- Update wiki\_statistics\_merged.py (4h) by alexandergreif
- better format (4h) by chris-kill
- removing unnecessary prints (4h) by chris-kill



# task\_management

control of

- > status
- > assignment
- > documentation
- > collaboration



The screenshot shows a GitHub Projects board for the 'Wikiguesser' project. The board is organized into three columns: 'Todo' (2 items), 'In Progress' (2 items), and 'Done' (7 items). Each item is a task card with a title and a description. The 'Done' column has a '+' button at the bottom right.

Column	Item	Description
Todo (2)	Wikiguesser #10	Def tutorial():
	Wikiguesser #12	fitting all code together
In Progress (2)	Wikiguesser #2	get statistics functionality
	Wikiguesser #6	set up presentation
Done (7)	Wikiguesser #5	get article
	Wikiguesser #7	Def game():
	Wikiguesser #9	Def game_round(num):
	Wikiguesser #8	Def update_scoreboard():
	Wikiguesser #13	requirements.txt with all our librarys
	Wikiguesser #11	func_dict
	Wikiguesser #4	Def display_menu():

# project\_structure

Building the Structure

wiki\_guesser

setup

game

game\_round

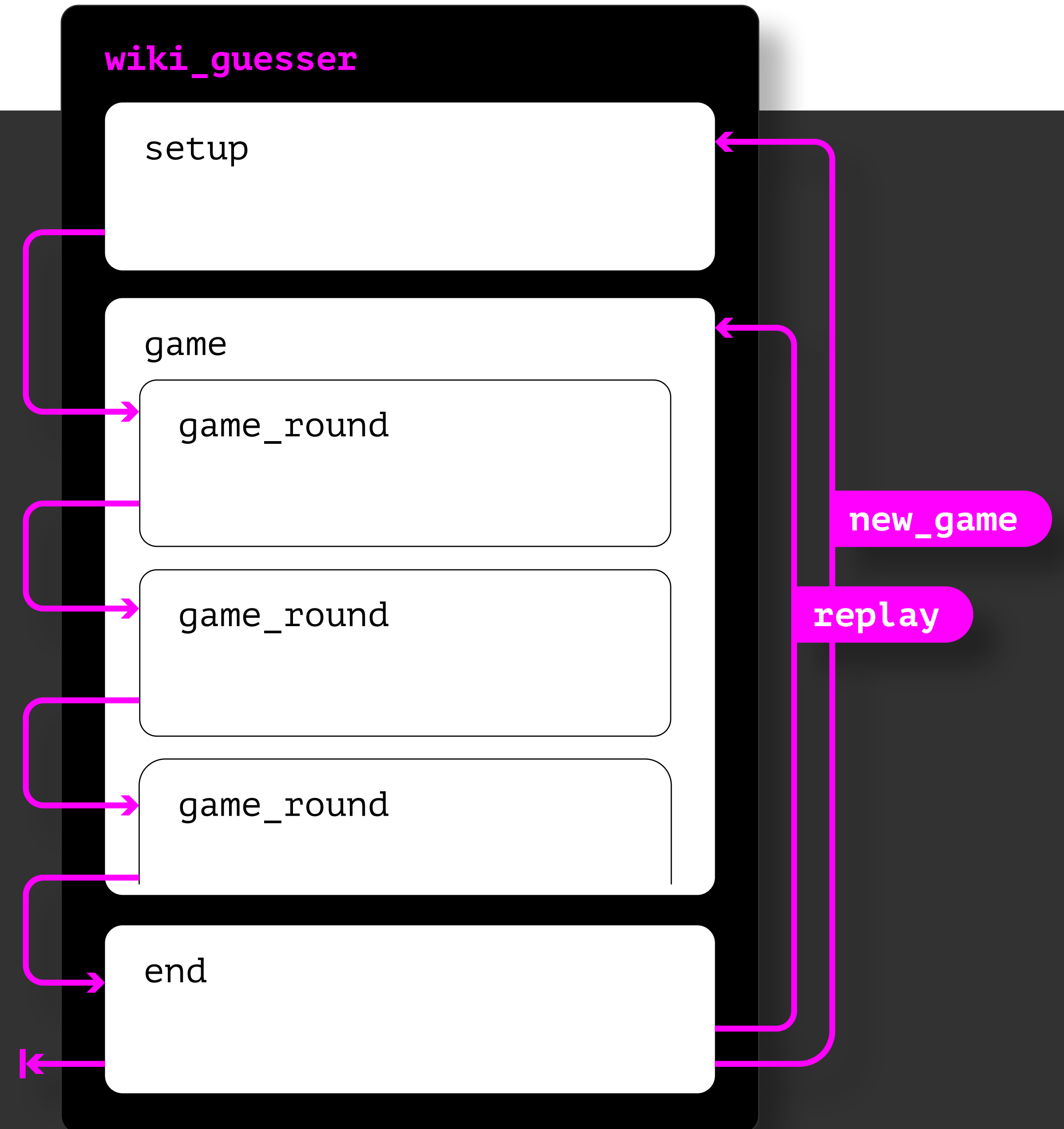
game\_round

game\_round

end

# player\_journey

pass





# functionality\_overview

Program Data Flow overview  
and usage of libraries.

wiki\_guesser

setup

display\_menu

game

game\_round

get\_article

get\_statistics

end

colorama  
0.4.6

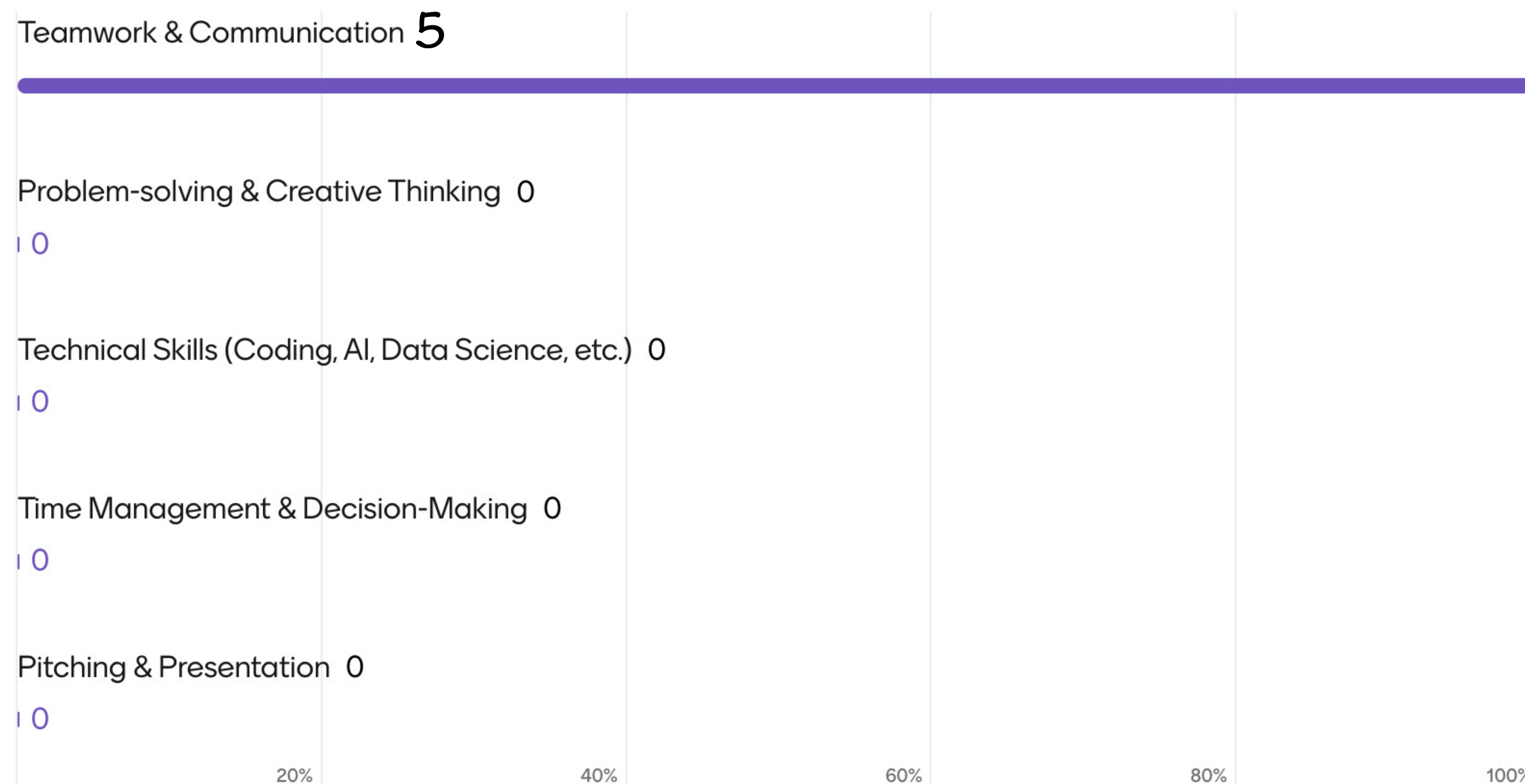
wikipedia  
1.4.0

requests  
2.32.3

Wikimedia  
Analytics  
API

# biggest\_challenges

What was the biggest challenge you faced during this Hackathon?



## biggest\_challenges

What was the biggest challenge you faced during this Hackathon?

overload by online coop

scoping the feature

computertime

many online hour facetime

real time availability

speed learning git

using git repo in pycharm

letting go of some coding



# key\_learnings

## Key Learnings

modularisation  
multiple files functions  
connecting code  
quick solution to show  
using api calls  
github  
teamwork  
setting up github  
git vocabulary  
communication  
planing is key  
collaboration

## advice\_hackathon

What's one piece of advice you'd give to future Hackathon participants?

be open and direct in communication.



take your time to plan the tasks



keep cool

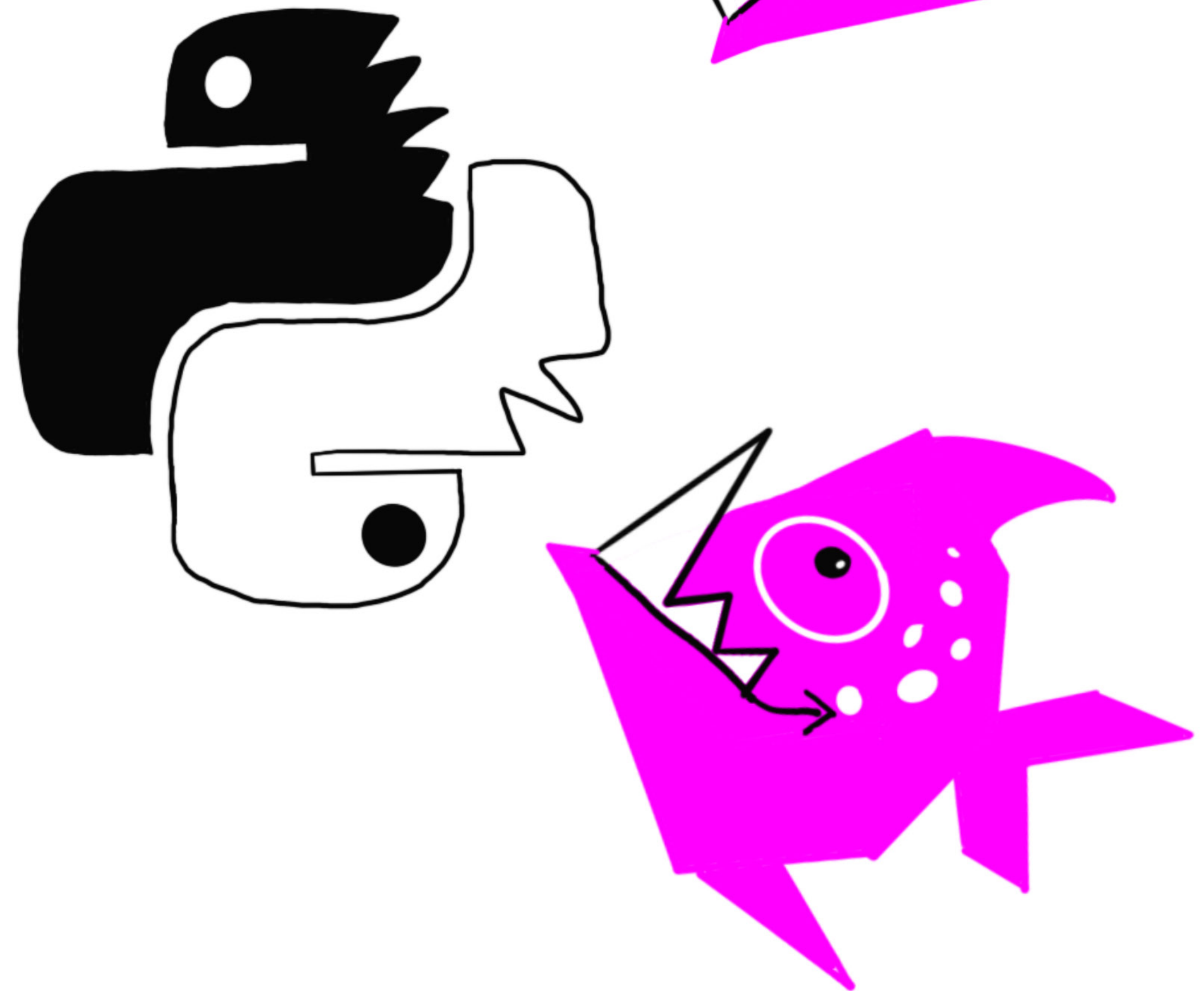


teamwork



# experience\_share

How was your experience during the Hackathon?





## question\_time

Feel free to ask the Python Piranhas.



Melody  
wiki stats



Martha  
cli UI



Alex  
git master



Chris  
game functions



Denis  
storytelling