

Meet The Team

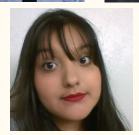
Team Lead	Jevin Dement
Customer Communicator	Stavros Triantis
Recorder	Adriana Aguilera
Architect	Ugo Dike
Release Manager	Joseph Danciu

Team Mentor	Fabio Santos							
Client	Dr.Igor Steinmacher							















Client Background

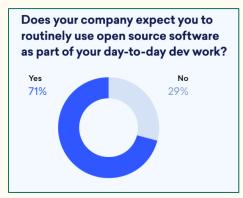
Dr. Igor Steinmacher

- ❖ Ph.D in Computer Science
- ❖ Assistant Professor at NAU
- ❖ Working on the support of newcomers to OSS development



What is OSS?

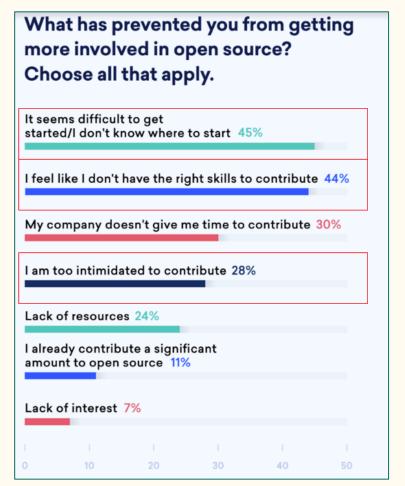
- Developed collaboratively
- ❖ GitHub: The Largest Host of Source Code
- ❖ Part of the Software Freedom movement





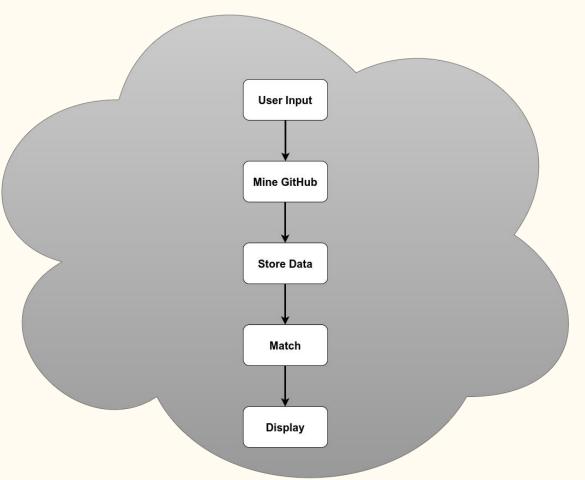
Problem Statement

- Why do people want to contribute?
 - > Software freedom
 - ➤ Expanding resume
- Why is contribution difficult?
 - ➤ Information Overload
 - ➤ Intimidation



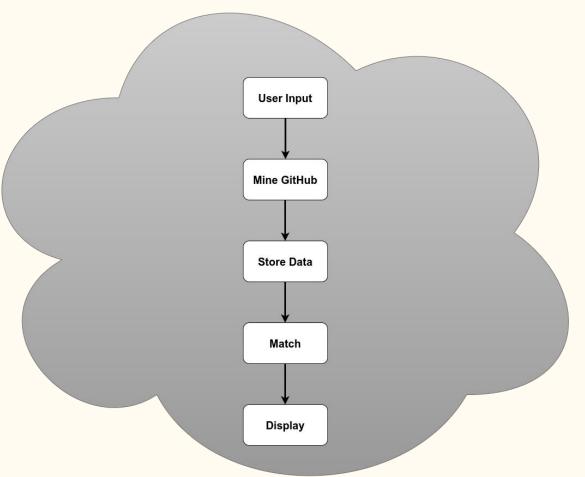
Solution Overview

- **♦** Web Application
- ❖ Layer on top of GitHub



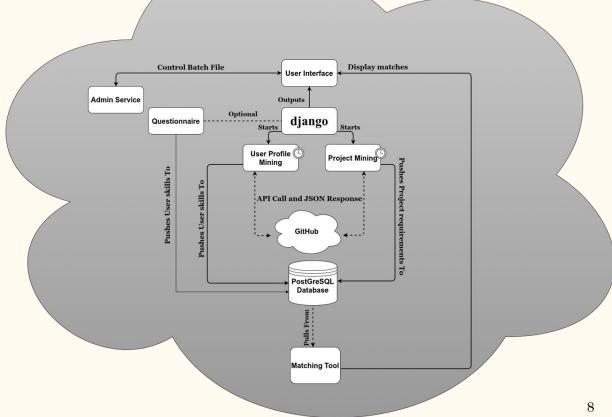
Solution Overview

- **❖** Maximum two steps
 - ➤ Username
 - > Questionnaire
- **❖** Automated matches

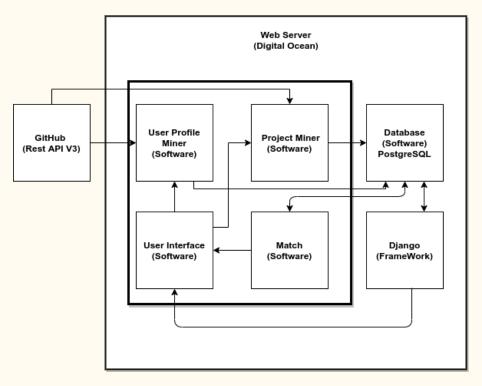


Implementation Overview

- ❖ User/Project Skills
 - > JSON
- **♦** Match
- **❖** Display



Architectural Overview



Challenges

Resolutions

Schedule

Task Name		Duration	February					March				April					May												
	lask name	Duration	1	2	- :	3	4	1	2	2	3	4	1	2	3	4	1		2										
1	User Profile Mining Tool	3 1/2 Weeks																											
2	Push Test Data to Database	3 Days																											
3	Pull Test Data from Database	3 Days																											
4	Comparison Function - Match Tool	1 1/2 Weeks		(\leftarrow	-																							
5	Sorting Function - Match Tool	1 1/2 Weeks									Spring Break																		
6	Output Basic Display	4 Days																\overline{A}		DIE	DIEGK								
7	Connect All Components	2 Days									\rightarrow																		
8	Create Alpha Prototype	1 Week						\hookrightarrow																					
9	Testing	6 Weeks																											
10	User Interface	6 Weeks																											

Demo

Conclusion

Simplistic Solution Summary

- Developer inputs their username or skills.
- **❖** The program collects information
- ❖ The program displays suggestive matches.



References

Gousios, Georgios; Vasilescu, Bogdan; Serebrenik, Alexander; Zaidman, Andy. "Lean GHTorrent: GitHub Data on Demand" (PDF). The Netherlands: Delft University of Technology & †Eindhoven University of Technology: 1. Retrieved November 12, 2019.

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