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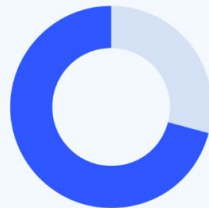
## Why is Open Source Software important?

- 65% of surveyed companies leverage OSS to speed up application development - 10th Annual Future of Open Source Survey
- 55% leverage OSS for production infrastructure.
- Github is home to over 40 million developers managing projects and building software together - GitHub



**Does your company expect you to routinely use open source software as part of your day-to-day dev work?**

Yes  
71%



No  
29%

# Benefits of Contributing to OSS

- Improving Coding Skills
- Learning new Technologies
- Advancing my career
- Advancing software Freedom
- Improving technologies required for my job
- Developing new products



# What's the big issue?

- Newcomers don't know what project to start with.
- They know what's interesting to them but they don't know how to find those projects.
- Information Overload



## What has prevented you from getting more involved in open source? Choose all that apply.



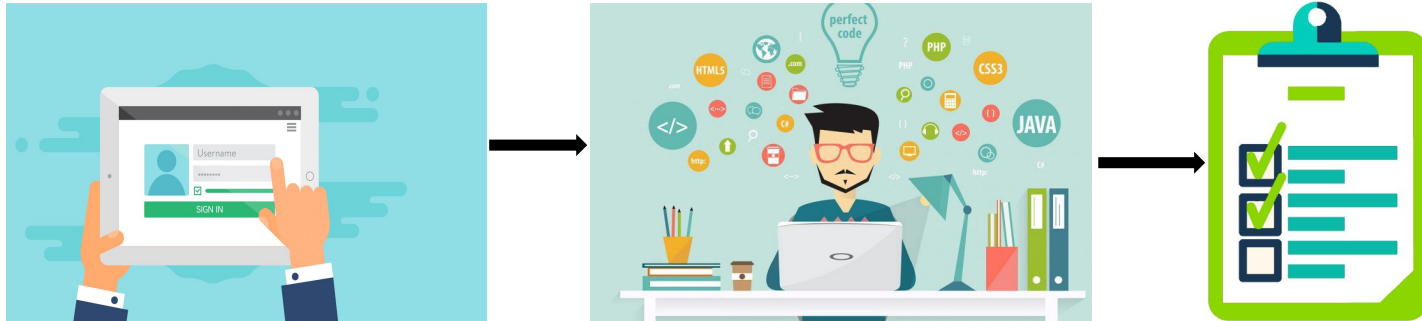
## Client Introduction

- Dr. Igor Steinmacher, assistant professor & researcher at SICCS
- His idea is to create a web app for users to input their username and pair them with a project that fits them.
- He hopes that this will be used for communities to make their projects more approachable and for developers to easily find a new project.



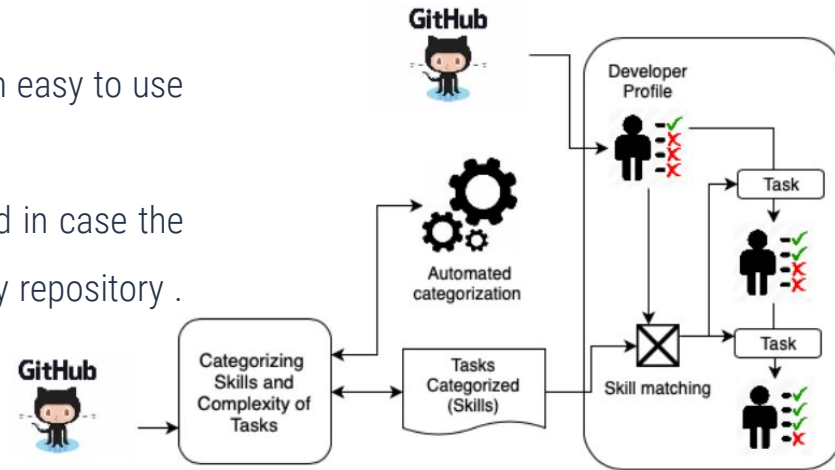
# How it works

- Developer inputs their username or skills, experience, and interests
- The program collects information about the requirements to contribute to different OSS projects from Github.
- The program displays suggestive matches.



# Plans For Development

- Initially we will begin to mine data from the user's GitHub.
- We will also mine data from OSS projects themselves.
- Using this data we will match projects and users via an easy to use interface.
- An optional survey to list past experience will be added in case the user is new to GitHub and has never contributed to any repository . This will solve the code start problem.



## Closing...

- In short, the Match Source team is working alongside Dr. Igor Steinmacher to create a web app that will motivate new users to contribute to open source projects on GitHub by curating projects for them based on their skills and experiences..





# References

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