



# KICK START GROUP PROJECT

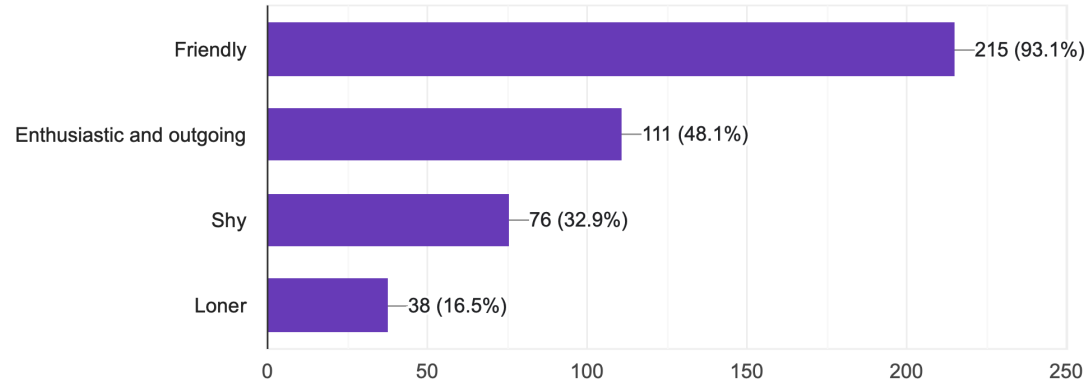
Oct 24, 2022



PROJECT TEAM

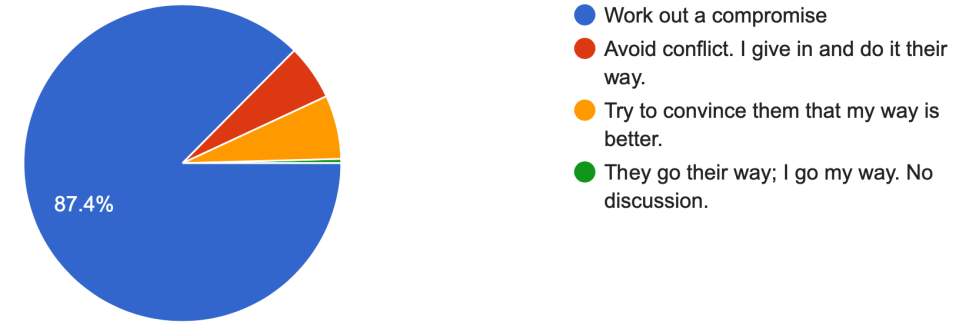
Do you consider yourself to be

231 responses



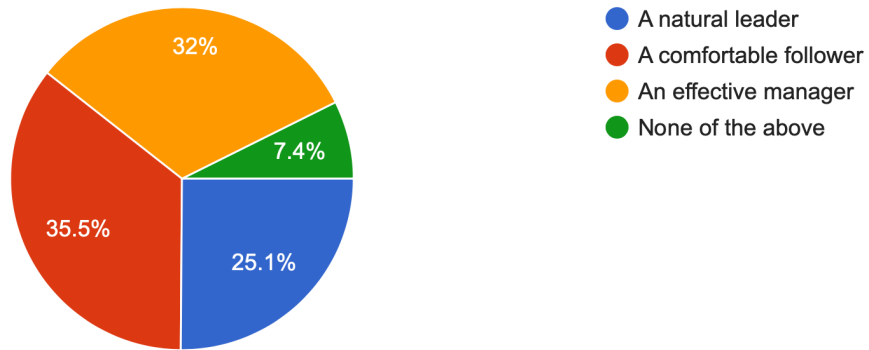
If you don't agree with someone about how to do a task on which you MUST work together, what your typical approach?

231 responses



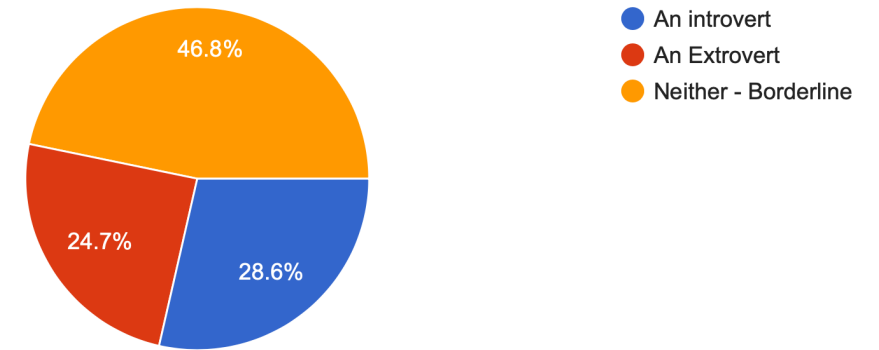
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231 responses

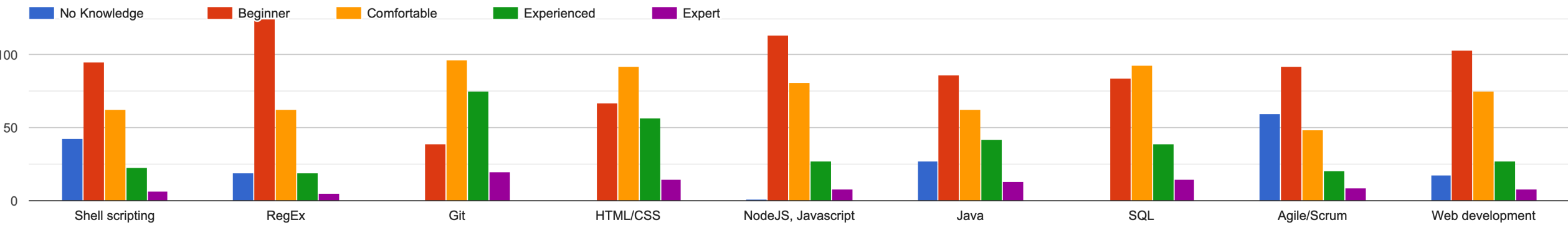


Do you consider yourself to be

231 responses



Rate your skills with respect to the following





## WHAT TO EXPECT?

- Group Size – 4-6 members
- Varying skill set
- Everyone should understand the tech stack
- Communicate effectively and in a timely manner
- Make decisions collaboratively
- Scope your application well and divide the work sensibly
- Pull your weight – nothing more, nothing less
- Pair program
- Recognize when you need help and ask for it
- Be prepared for the weekly meetings with your TAs
- It is a group effort, but your individual contributions are weighted in your grade



PROJECT IDEA

# QUALITIES OF DESIRABLE SOFTWARE



User  
Experience



Availability



Performance



Scalability



Adaptability



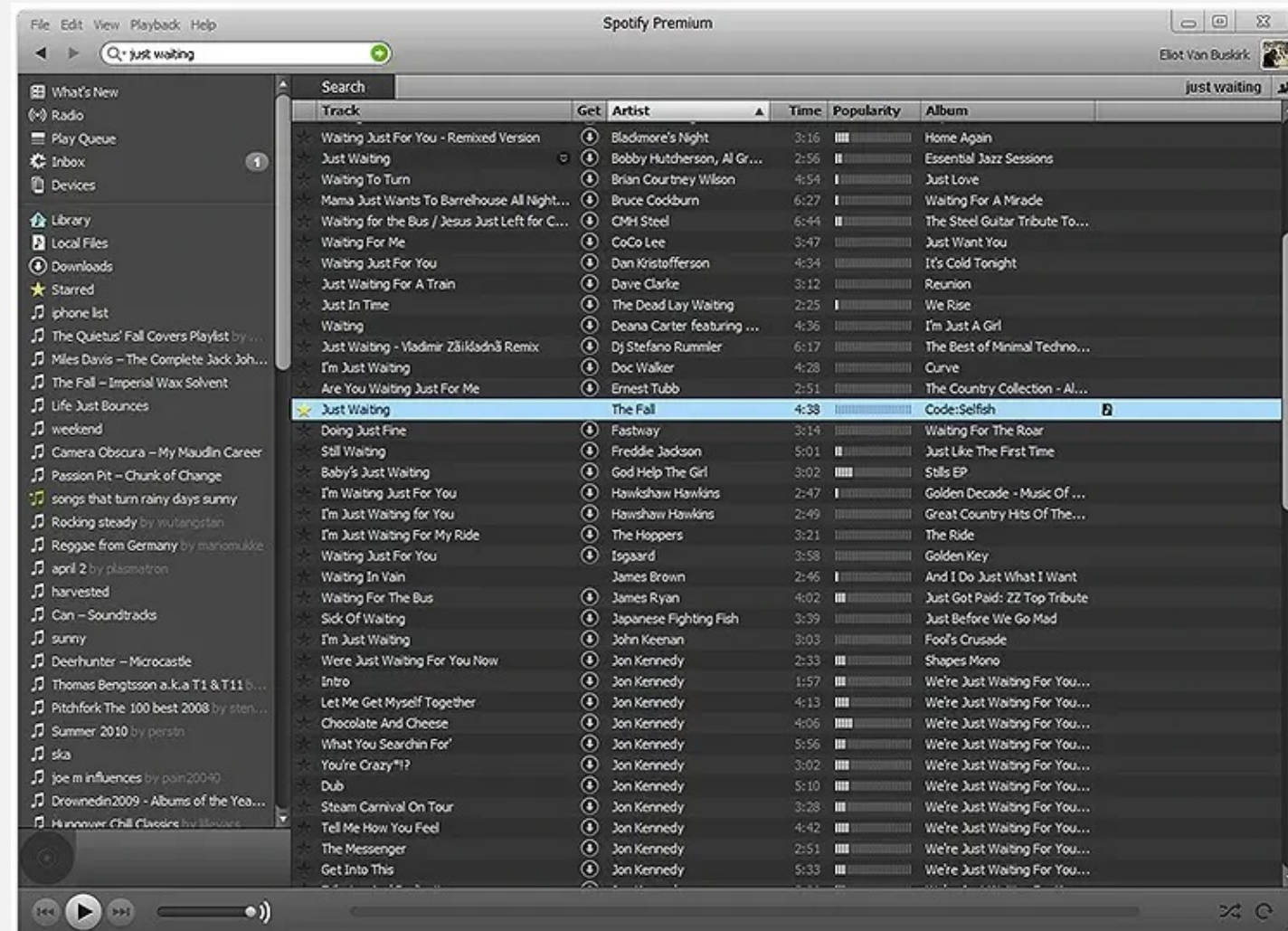
Security



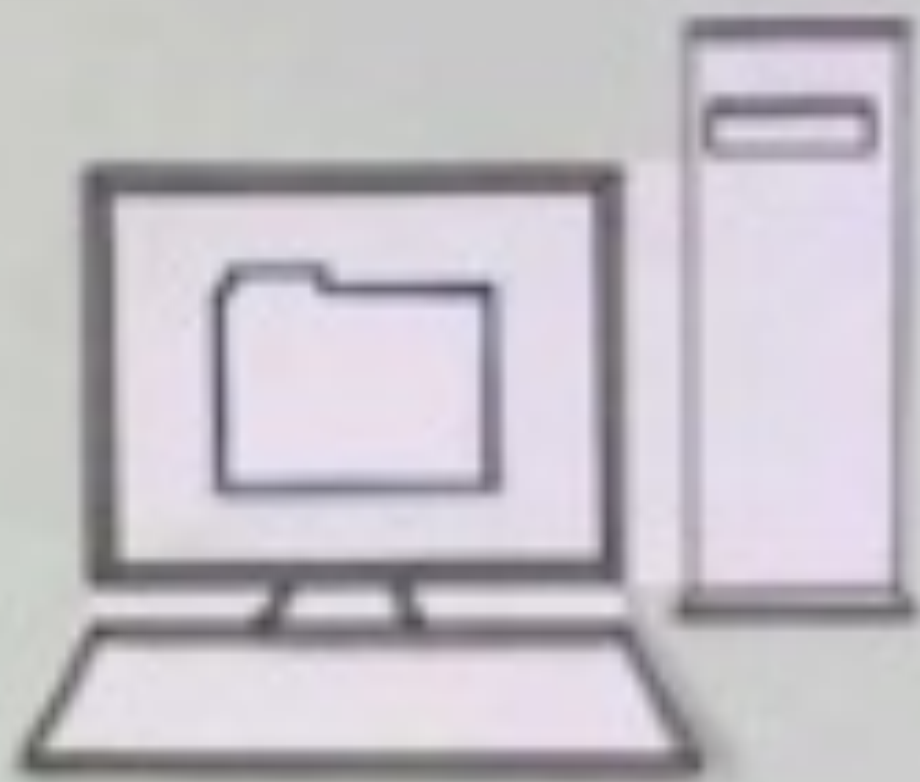
Economy

# SCOPE YOUR PROJECT WELL

- This project is 4 weeks long - Be realistic
- Identify the problem you are trying to solve
- Produce a list of features you would like to include in your solution
- Ascertain key features that are core to for the product you are building to be deemed a solution for the problem
- Work on building a Minimum Viable Product every week
- Aim to build completely functional features
- Quality over quantity









# PROJECT IMPLEMENTATION

## PRACTICES TO FOLLOW

- Be conscious about technical debt
- Think holistically about your project – from project ideation to project delivery
- Document your requirements on the GitHub project board
- Document your code
- Prepare a plan to test your application
  - Unit test, integration test and user test

# CHECKLIST

- Create a plan, include a timeline
- Clarify where you are beginning and what the end means
- Budget your resources – time
- Document practices
- Set up a communication plan – for your team, for TA
- Keep track of your project progress
- Identify risks
  - Minimize features that are high risk, or
  - Have a mitigation plan
- Work consistently



QUESTIONS?