# Github: Innovation through Collaboration

By Ronak Shah

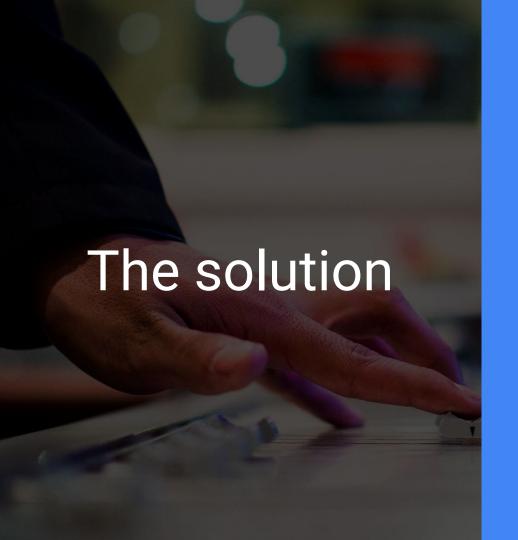


Github is a platform for contributors to collaborate on repositories to enact change

## The problem

- Documents and Code are always in need of review and are constantly changing
- With so many people involved in any one document, it's extremely hard to keep track of who did what





Github has a system of Pull Requests, Issues, and **Project Boards that allow** multiple users to contribute — while keeping track of who made each change









**Issue Creation** 

Nancy identifies a new category the proposal could include. She creates an issue using the Project Board on Github

**Issue Discussion** 

Mike and Nancy Discuss what needs to be done regarding the issue, and assign Abby to work on it

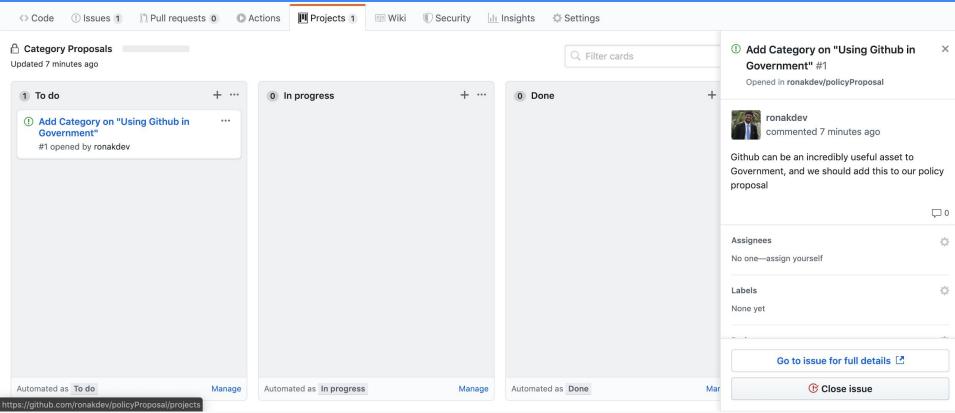
Creation

Abby drafts the new category for the proposal, and submits a pull request.
There, she continues to make changes as needed

#### Merging



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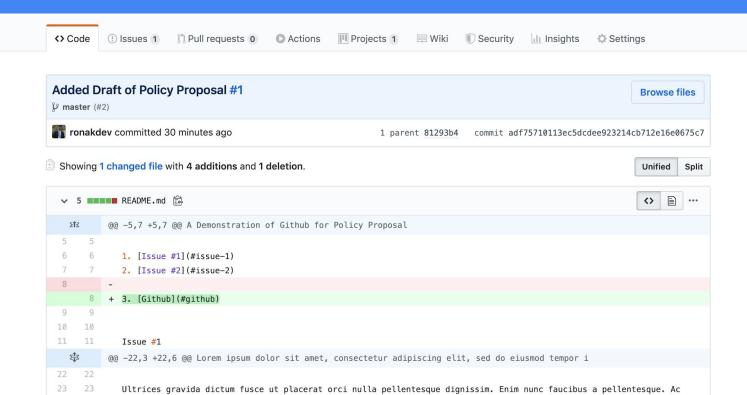
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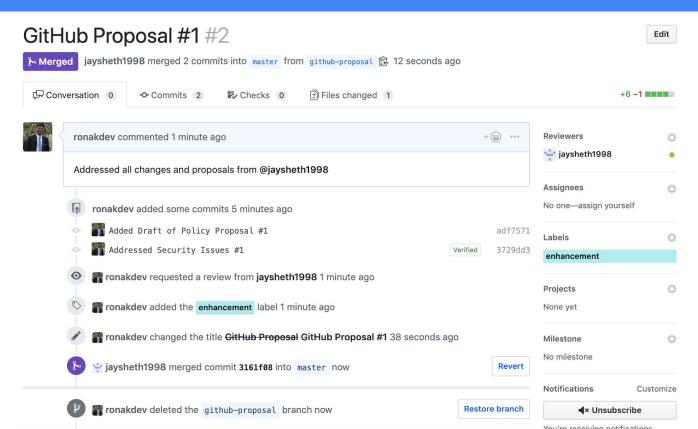
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# Live @ github.com/ronakdev/policy Proposal

# Examples

#### **MongoDB**

A cross-platform document-oriented database program. All code is public. <a href="https://github.com/mongodb">https://github.com/mongodb</a>

#### Linux

An operating system that is used in everything from servers to toasters. It has over 15,000 contributors from across the world.

## My own Experience with Github

#### Zesty.io

- Startup run entirely through Github
- Customers report issues on their Issues repo -- employees can handle each issue

#### Westview Robotics

- 80+ Robotics Team
- 26 repositories

#### <u>Listening to Waves</u>

- Research Group at UC San Diego
- All code is managed through Github

