

From Survival to Growth: Enhancing Design Systems via Seamless Collaboration



Bridge the gap



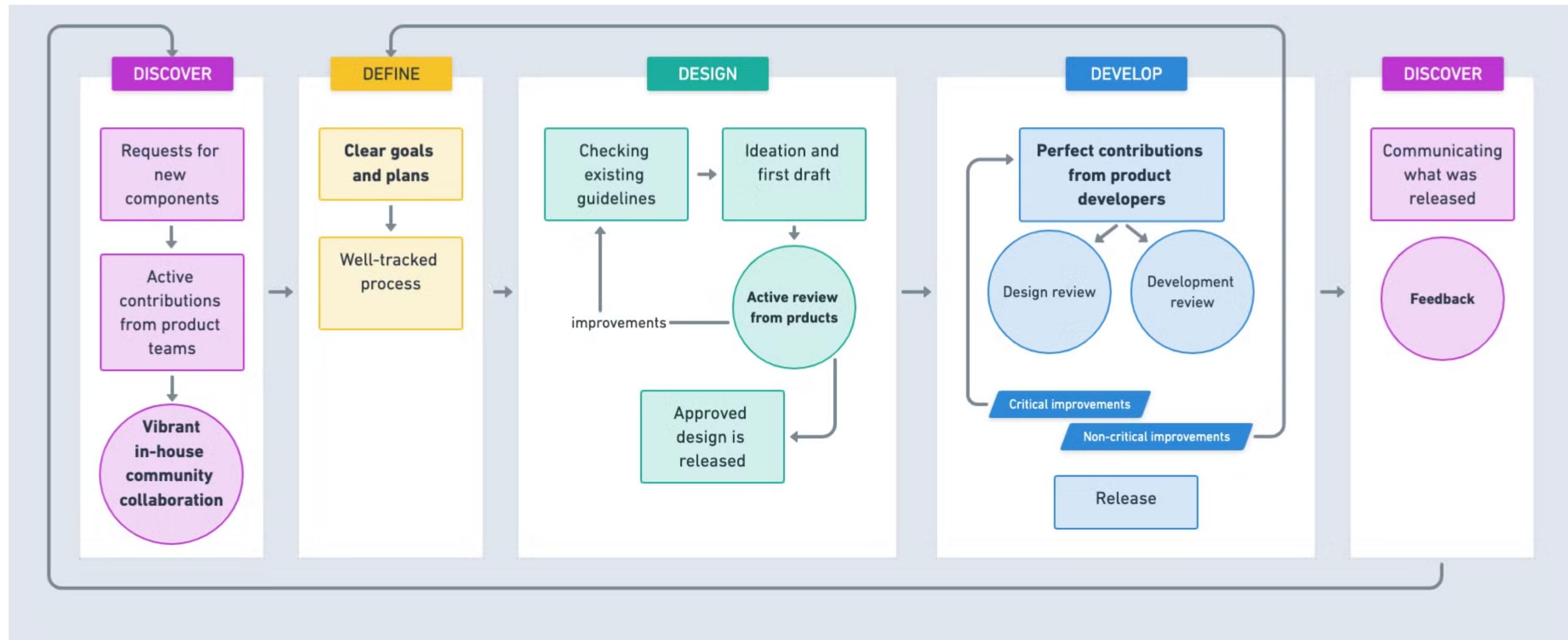
bridge-the-gap.dev



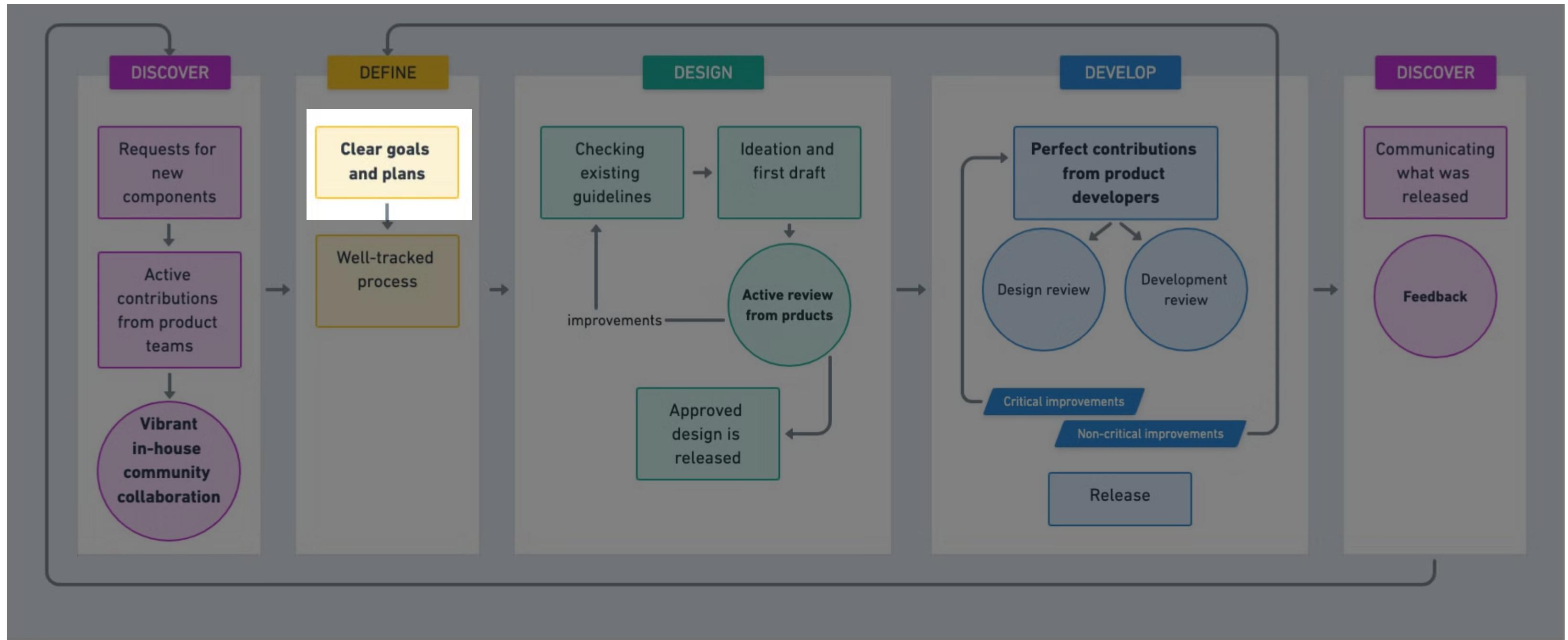
- 2-4 people at a project
- 6-12 months
- architect, senior and middle ui engineers
- creating **new components & refactoring** existing UI
- design/development **streamline**
- **CI/CD workflows**
- **workshops** for in-house teams

<https://bridge-the-gap.dev/case-studies/>

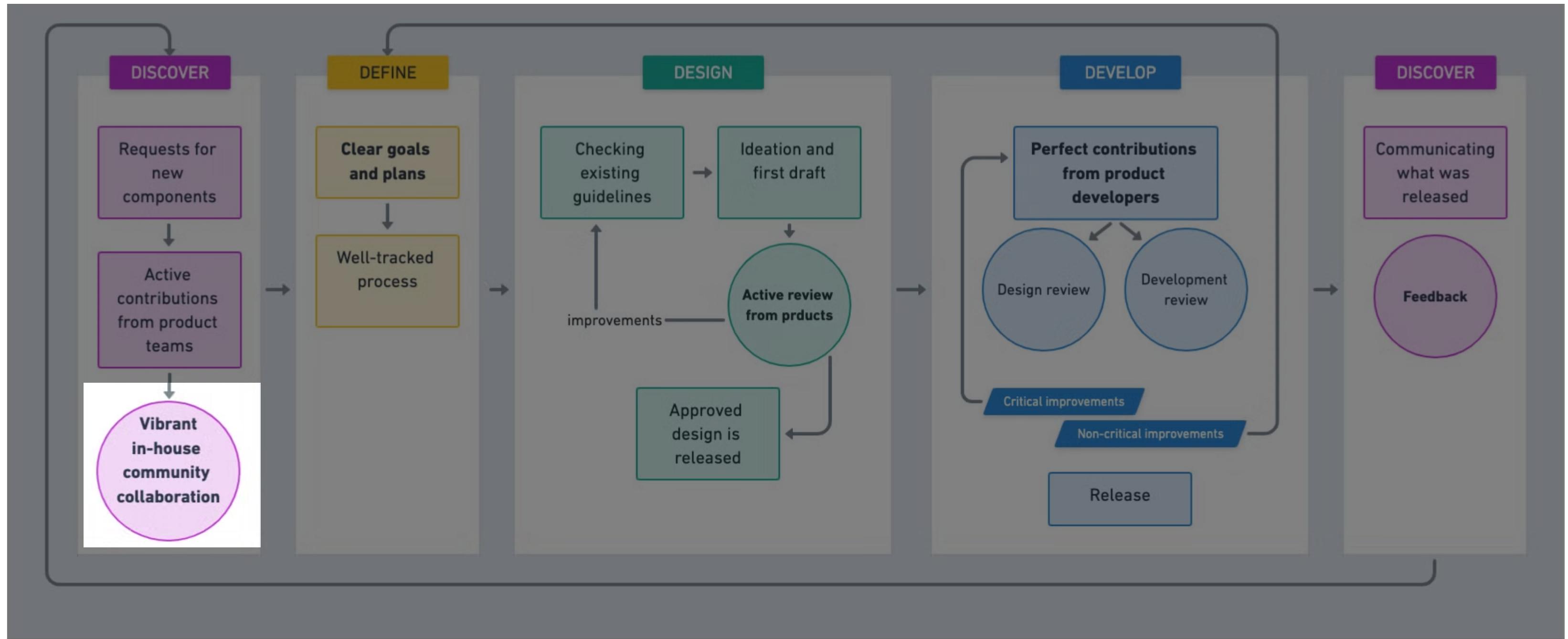
Ideal process to get



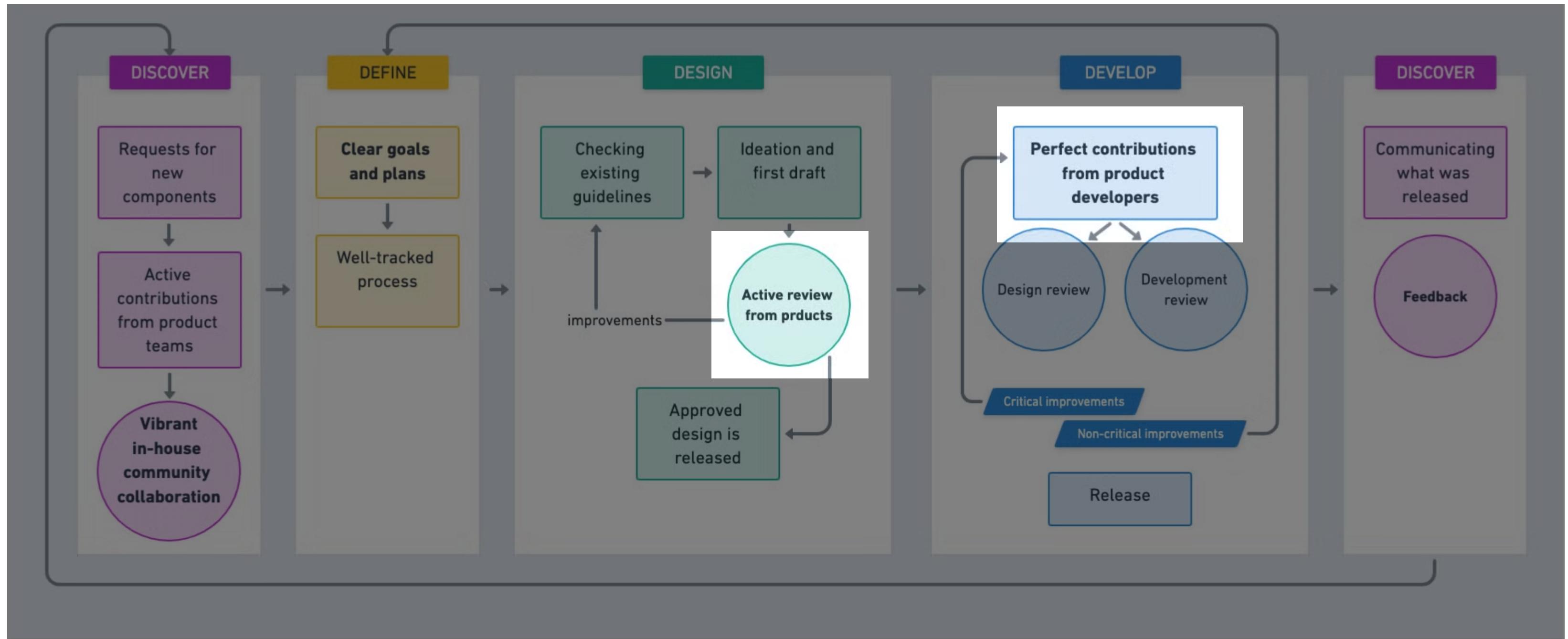
Ideal process to get



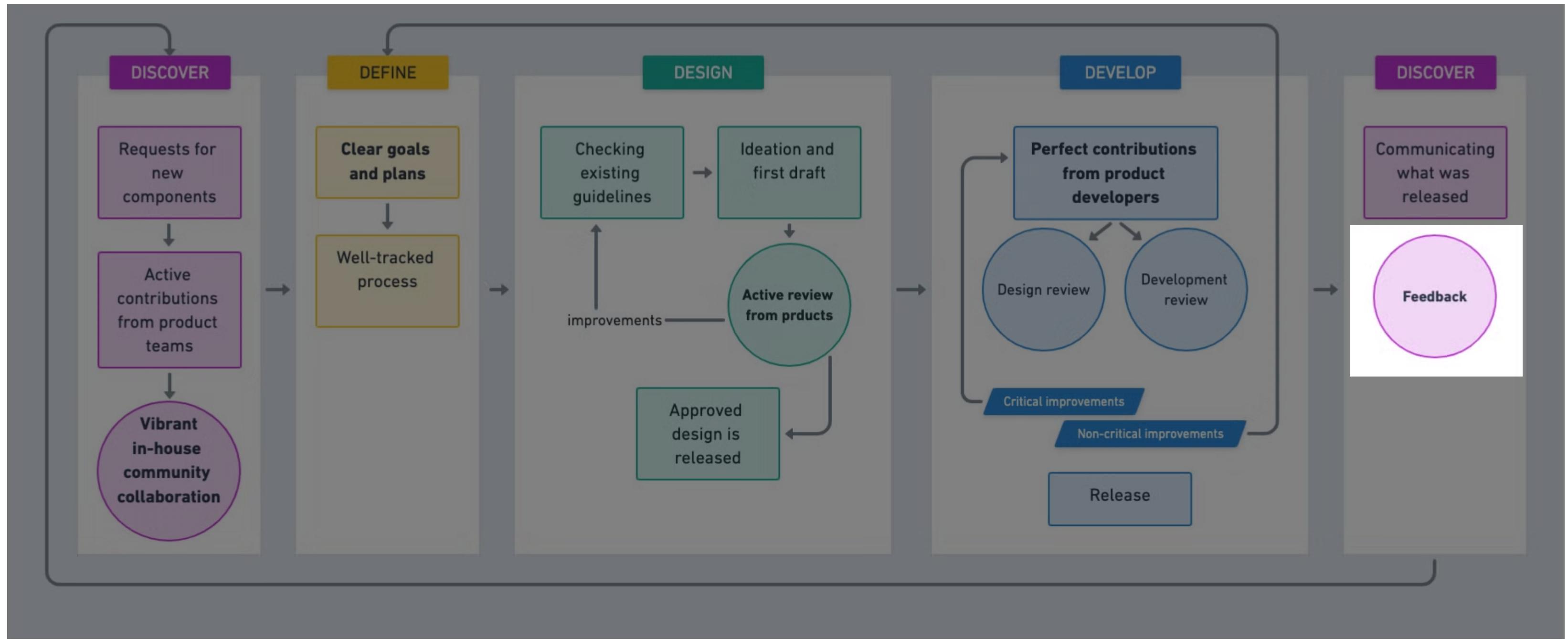
Ideal process to get



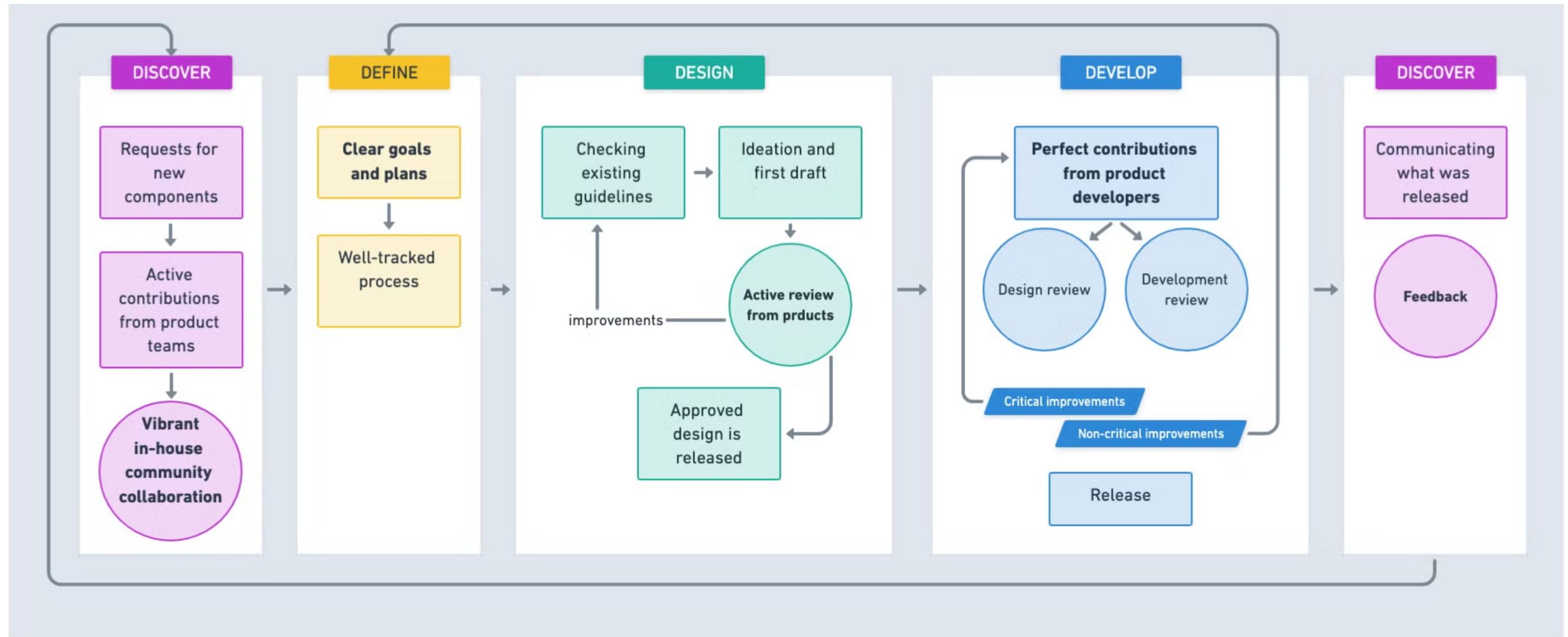
Ideal process to get

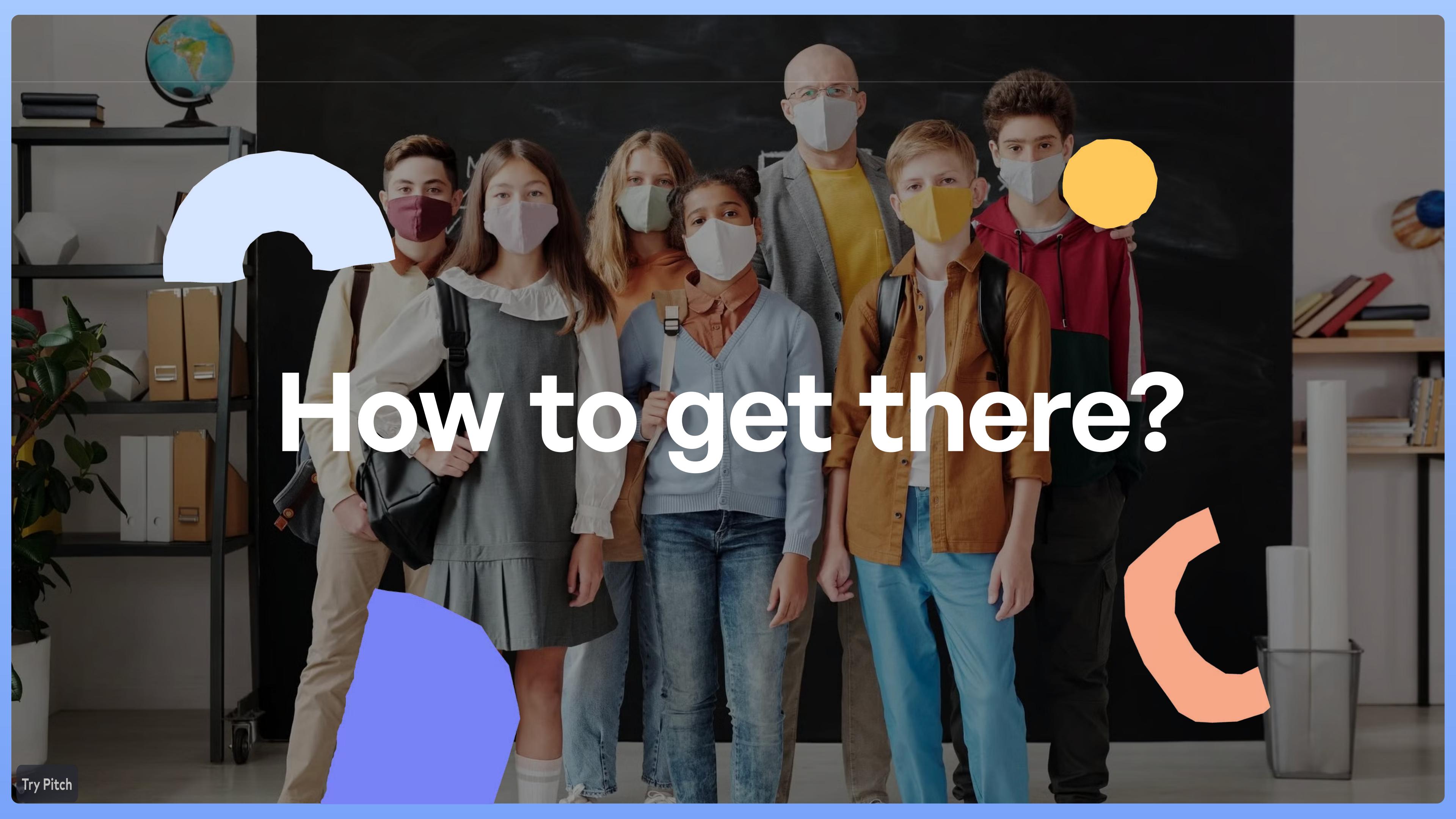


Ideal process to get

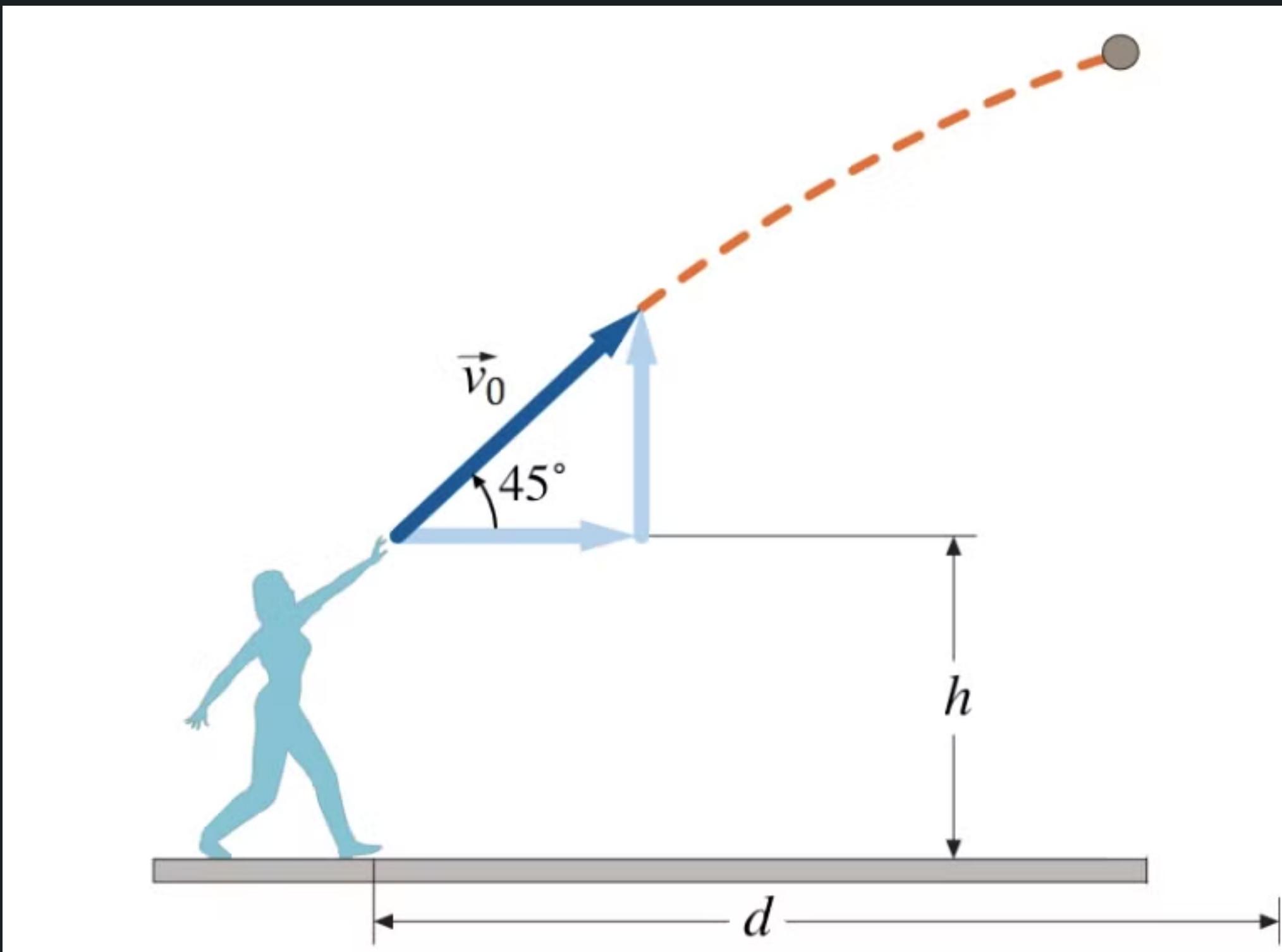


Ideal process to get





How to get there?



Collaborate vertically



Collaborate horizontally

Into Design Systems

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Collaborate vertically

Try Pitch



The Never-Ending Job of Selling Design Systems

by Ben Callahan @ A List Apart on February 11, 2021

<https://alistapart.com/article/selling-design-systems/>



data!

1. Collect design system adoption data

- + Ready-made solution
- + Custom-made solution

2. Process and interpret

- + Business-specific metrics
- + Reliable calculations



Bridge the Gap

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Speak numbers with business

- ROI (= return of investments)

Button: **without DS** and **with DS**

Product	Without Design System	With Design System
Design System	-	10 hours
Product 1	10 hours	2 hours
Product 2	10 hours	2 hours
...
Product 5	10 hours	2 hours
TOTAL:	50 hours	20 hours

Measuring production costs

Example: Button component

Production time = 10h

integration costs= 2h

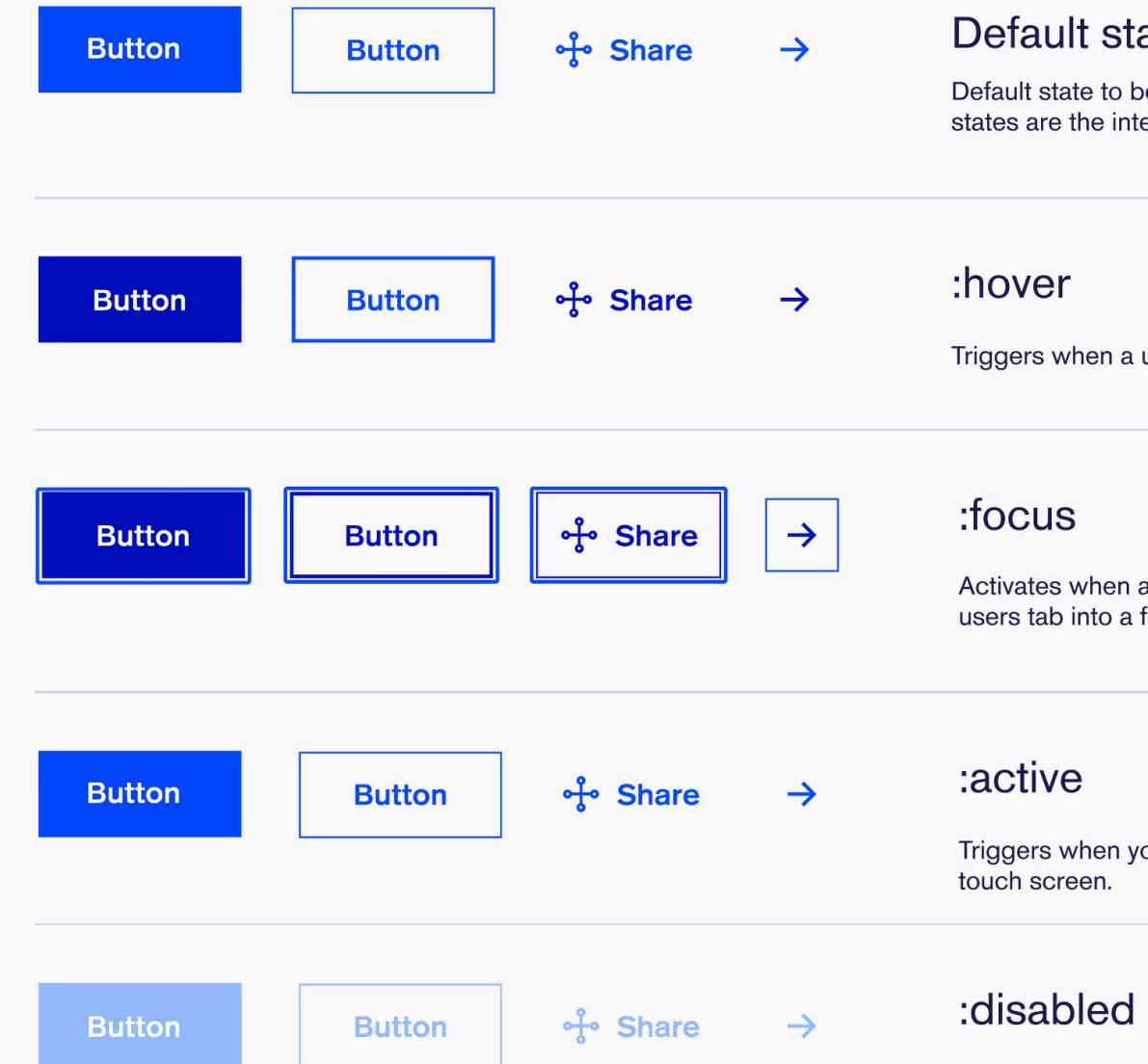
supports costs= 20h/year

amount of projects=5

component lifetime= 3years

Title	Costs
Without Design System	$\$ = (10h + 20 \times 3y) \times 5 = 350h$
With Design System	$\$ = (10h + 20 \times 3y) + 2h \times 5 = 80h$
Saved on the button for 3 years	$350h - 80h = \mathbf{270h}$

LEARN MORE: <https://www.youtube.com/watch?v=0aqBxIp15hg>



3 components with and without design system

Component	Production (h)	Lifetime (y)	Support (y)	Integration (h)	Projects	w DS	w/o DS	Saved
Button	10	3	20	2	5	80	350	
Input	20	3	40	2	4	148	560	
Hero	30	1	60	10	2	110	180	
Total						338	1090	752

COST SAVINGS: 752 HOURS = 18.8 WEEKS = **4 MONTHS**

LEARN MORE: <https://www.youtube.com/watch?v=OaqBxIp15hg>

€ 3 000 000



Bridge the Gap

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Speak numbers with business

- ROI (= return of investments)
- Adoption rate
- Adoption dynamics
- Component usage over time
- Migration maturity

Flowers need
time to bloom.
So do you ❤

Quando comincio
il piano

Climb Higher,
Communicate Smarter!

MUITA PRESSA, LEMBRAR
O tempo é curto



Speak money with business

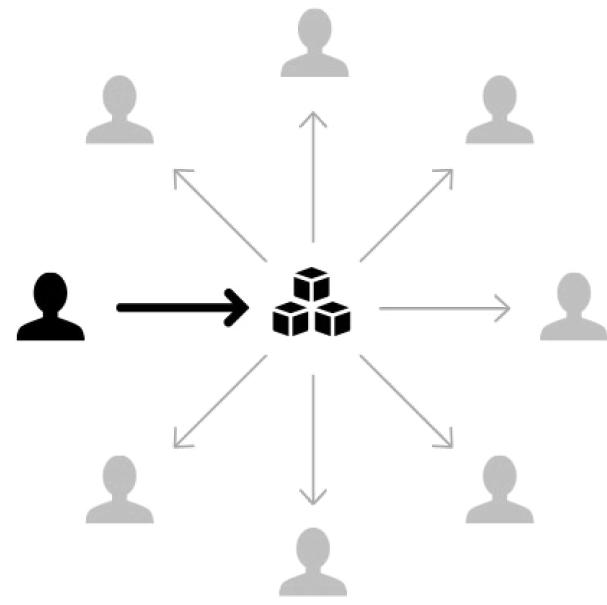


Into Design Systems

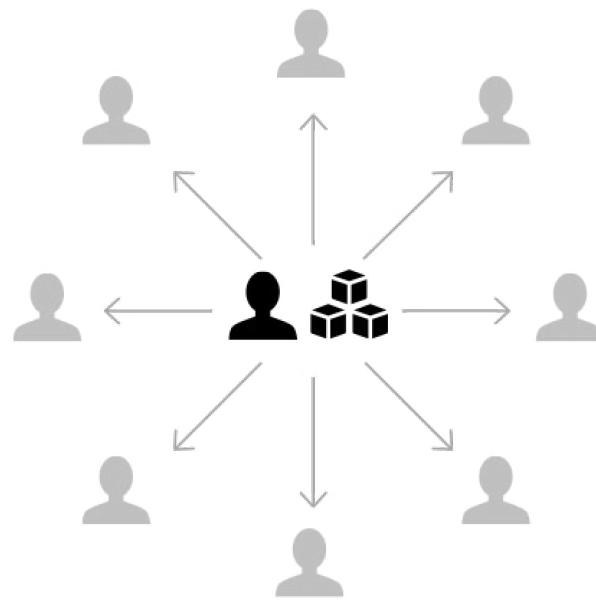
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Collaborate horizontally

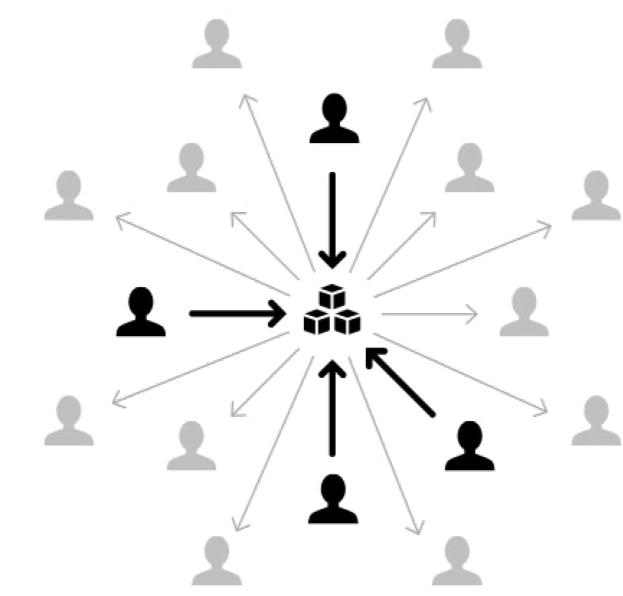
Design system team models



Solitary



Centralized



Federated

Source: [Team Models for Scaling a Design System](#) by Nathan Curtis

Documentation



User Research

Industry Research

Structure

Automation



Cross-team survey



Live workshops with design system users



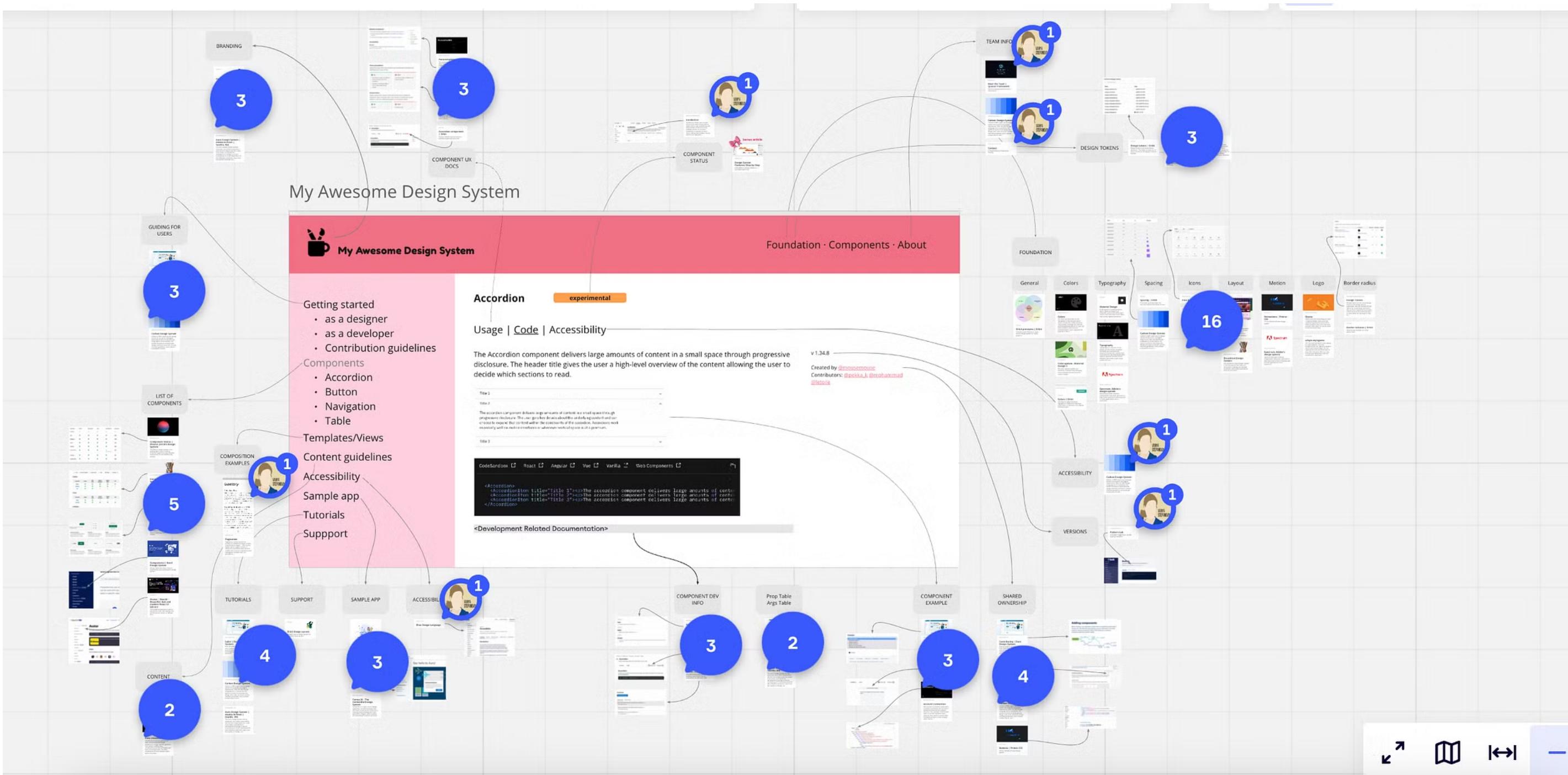
Collect analytics of design system documentation

User Research

Industry Research

Structure

Automation



[Link to Miro](#)

User Research

Industry Research

Structure

Automation

COMPONENTS

- Description
- Do's and don'ts
- Component API
- Examples/playground
- Patterns with component
- Links to code/design resources
- Changelog
- ...

User Research

Industry Research

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FOUNDATIONS

- Design tokens
- Accessibility
- Localization
- Responsive design

User Research

Industry Research

Structure

Automation

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FOUNDATIONS

- Design tokens
- Accessibility
- Localization
- Responsive design

RECIPES/PATTERNS

Reusable UI fragments composed of core components

COMPONENTS	FOUNDATIONS	RECIPES/PATTERNS	GENERAL INFO
<ul style="list-style-type: none">• Description• Do's and don'ts• Component API• Examples/playground• Patterns with component• Links to code/design resources• Changelog• ...	<ul style="list-style-type: none">• Design tokens• Accessibility• Localization• Responsive design	Reusable UI fragments composed of core components	<ul style="list-style-type: none">• Introduction• Technical instructions• Contributions• What's new (Changelog)• Roadmap• ...

User Research

Industry Research

Structure

Automation

▷ zeroheight



Custom Website



Frontify



knapsack



supernova



Backlight

User Research

Industry Research

Structure

Automation

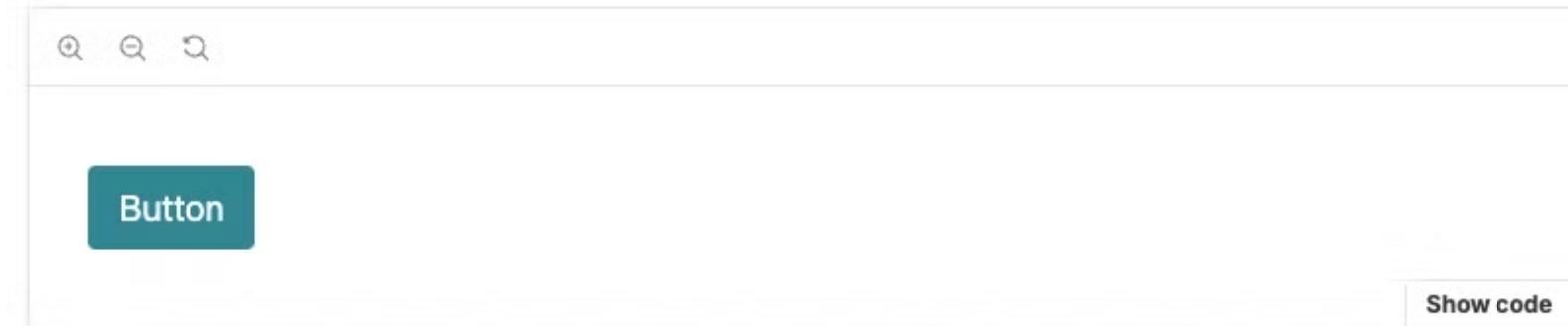
```
/**  
 *  
 * The classic button, in different colors, sizes, and states  
 *  
 * [Figma Design](https://www.figma.com/design/wlhvPwIKartLNCeHbwhbM7/Bridge)  
 * [Github](https://github.com/bridge-design/website/blob/main/components/Button.tsx)  
 */  
  
export const Button: React.FC<ButtonProps> = ({
```

Button

[Figma Design](#) | [Github](#) | [Guidelines](#)

The classic button, in different colors, sizes, and states

Live Demo



```
export interface ButtonProps {  
  children: React.ReactNode  
  /** Button variant */  
  variant?: (typeof buttonVariants)[number]  
  /** Button sizes */  
  size: (typeof buttonSizes)[number]  
  /** if true, button will take full width of the parent container */  
  fullWidth?: boolean  
  /** if true, button will be rendered non-interactive and in disabled state */  
  disabled?: boolean  
  onClick?: () => void  
}
```

Name	Description	Default	Control
variant	Button variant "primary" "secondary" "ghost"	"secondary"	primary
children	string	-	Button
onClick	() => void	-	-
size	Button sizes string	"md"	md
fullWidth	if true, button will take full width of	false	False True

design-system.bridge-the-gap.dev



Engaging In-House Community

-  Onboarding
-  Demos
-  Updates on channels
-  Feedback and Research
-  ...

DIRECTOR'S CUT!

Design System Cafe

Hey Design and Engineering Crew!

Just a quick heads-up, this Friday we're rolling out the red carpet for our Design System Cafe session. It's a chill, open-door event for everyone who gets a kick out of UI development or design. Think of it as an easygoing place for snappy presentations, thought-provoking discussions, and invaluable feedback sessions – all around the amazing XXX design system and UIs at large.

This week, we're excited to present [...].

So, come on down! We're stoked to share our latest work and even more eager to hear your insights. See you there!



Bridge the Gap design systems casual breakfast

30th of October, 10:30 EET @ your laptop

<https://www.linkedin.com/events/casualbreakfastfordesignsystems7249054983411691520/>

Knowledge sharing

- invite your peers
- share screen
- do real task

Designer ↔ Developer

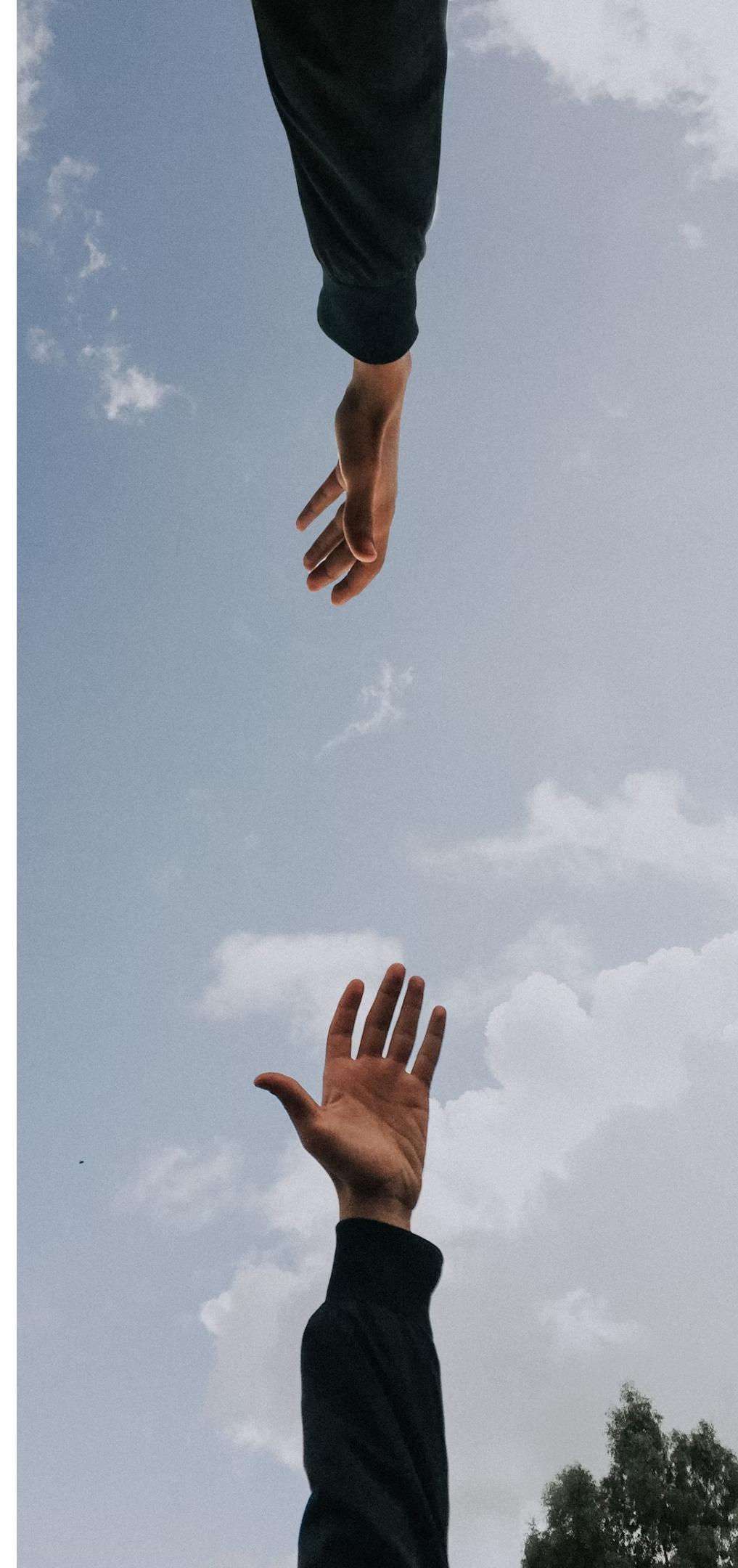


Design System Ambassador

DS team → Product team

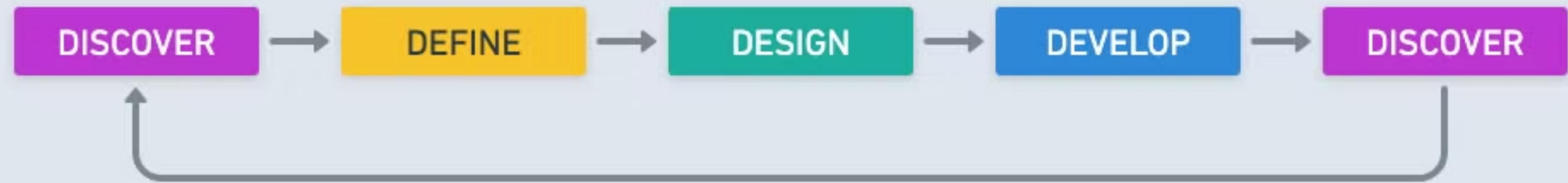
Product team → DS team

Design System Associate



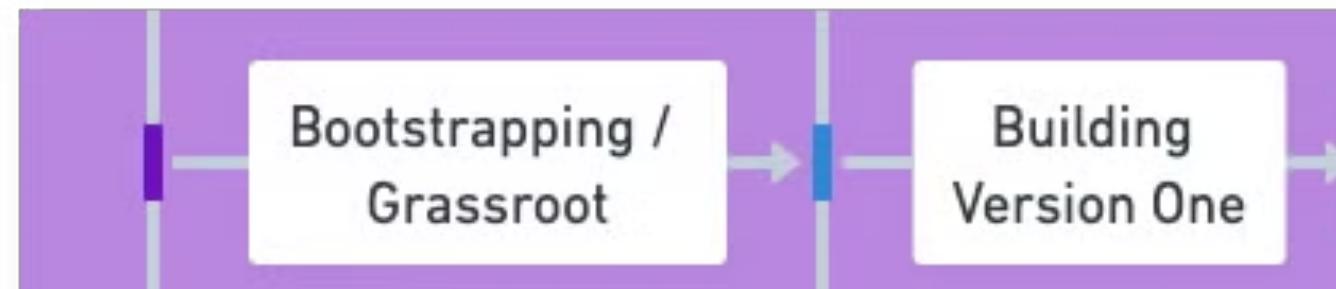
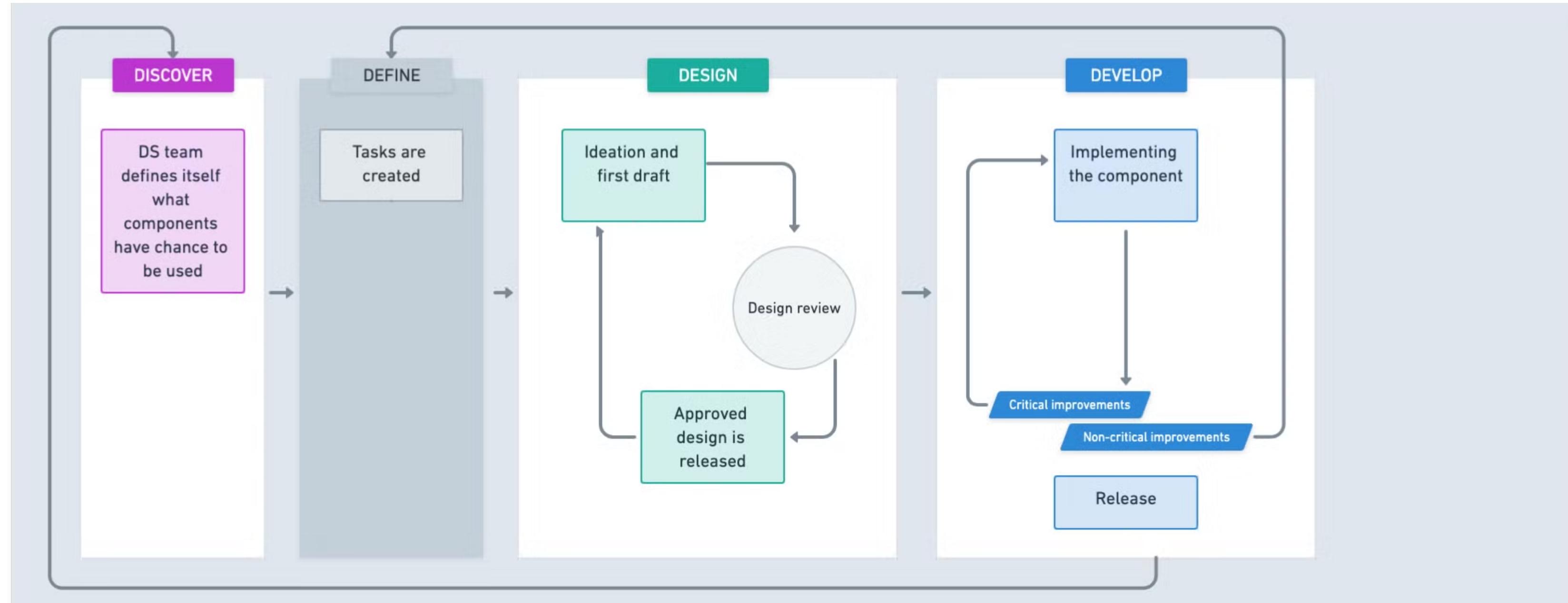


anything
else?



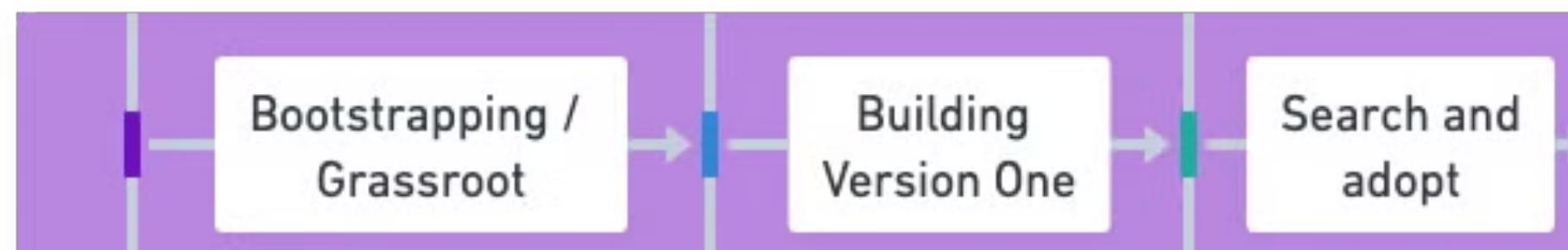
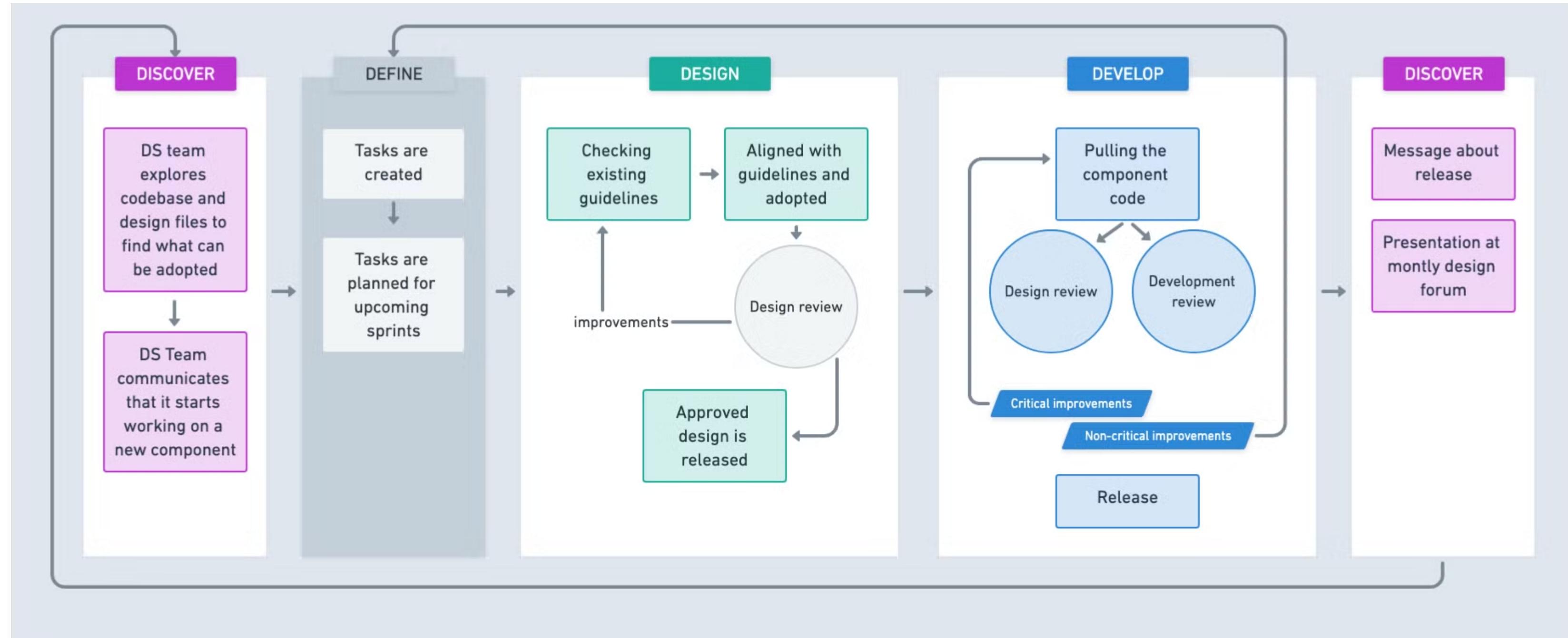
Design System Process Evolution

I do everything myself



← Maturity level

Pulling out contributions



Getting first contributions



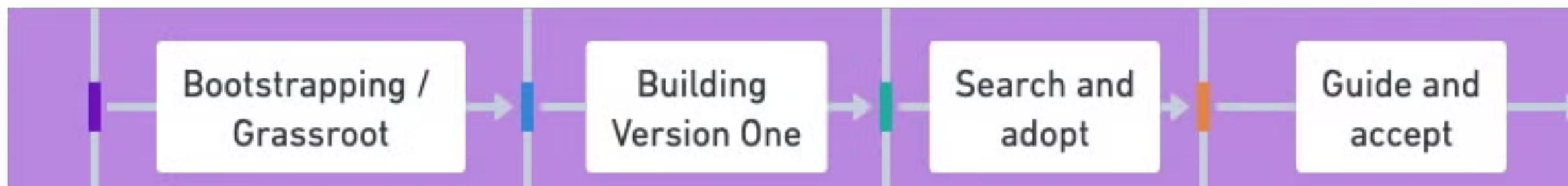
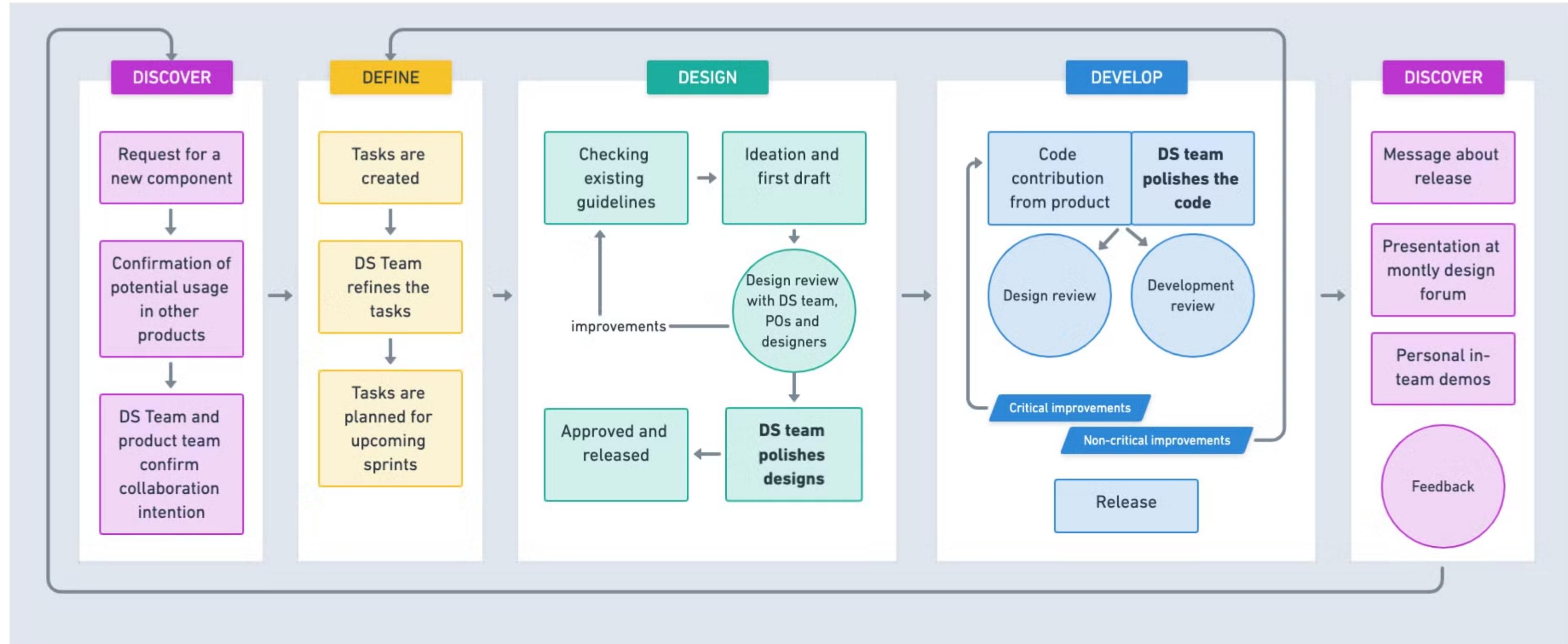




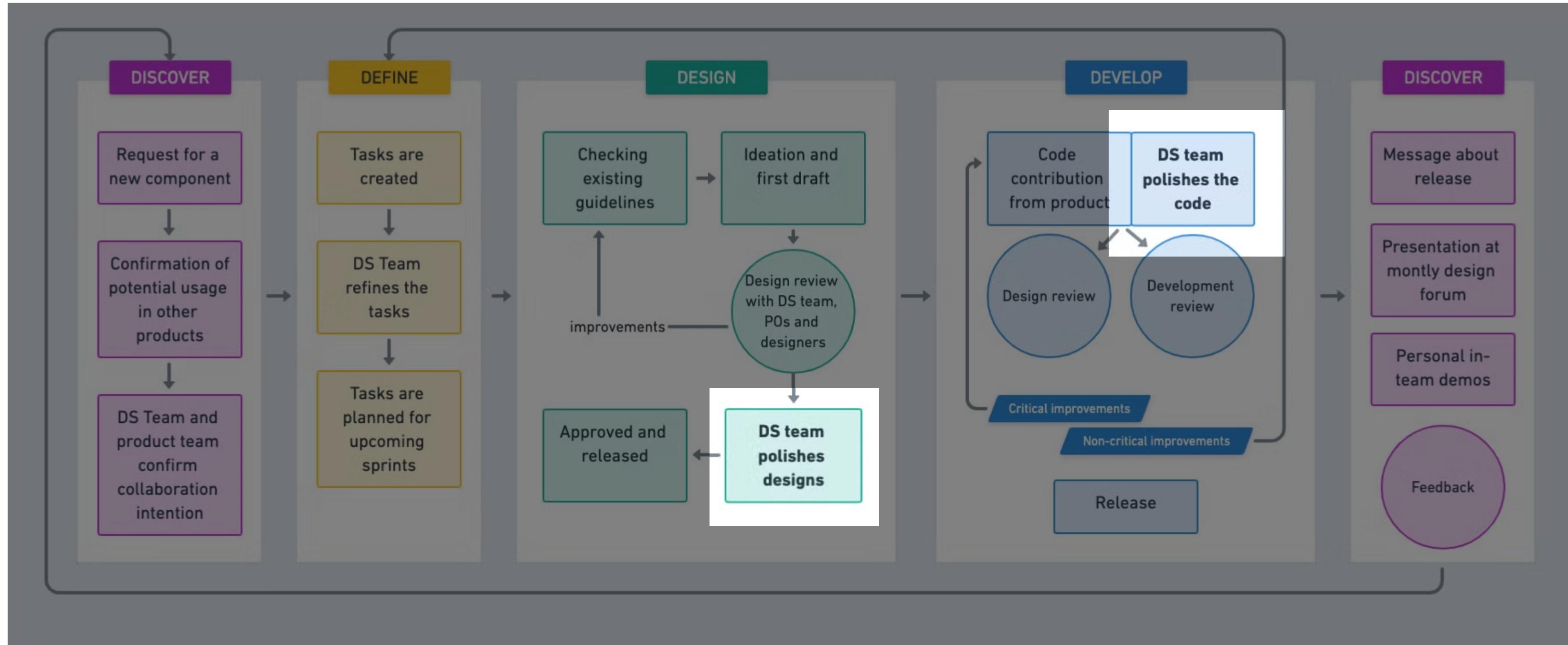
GATEKEEPER

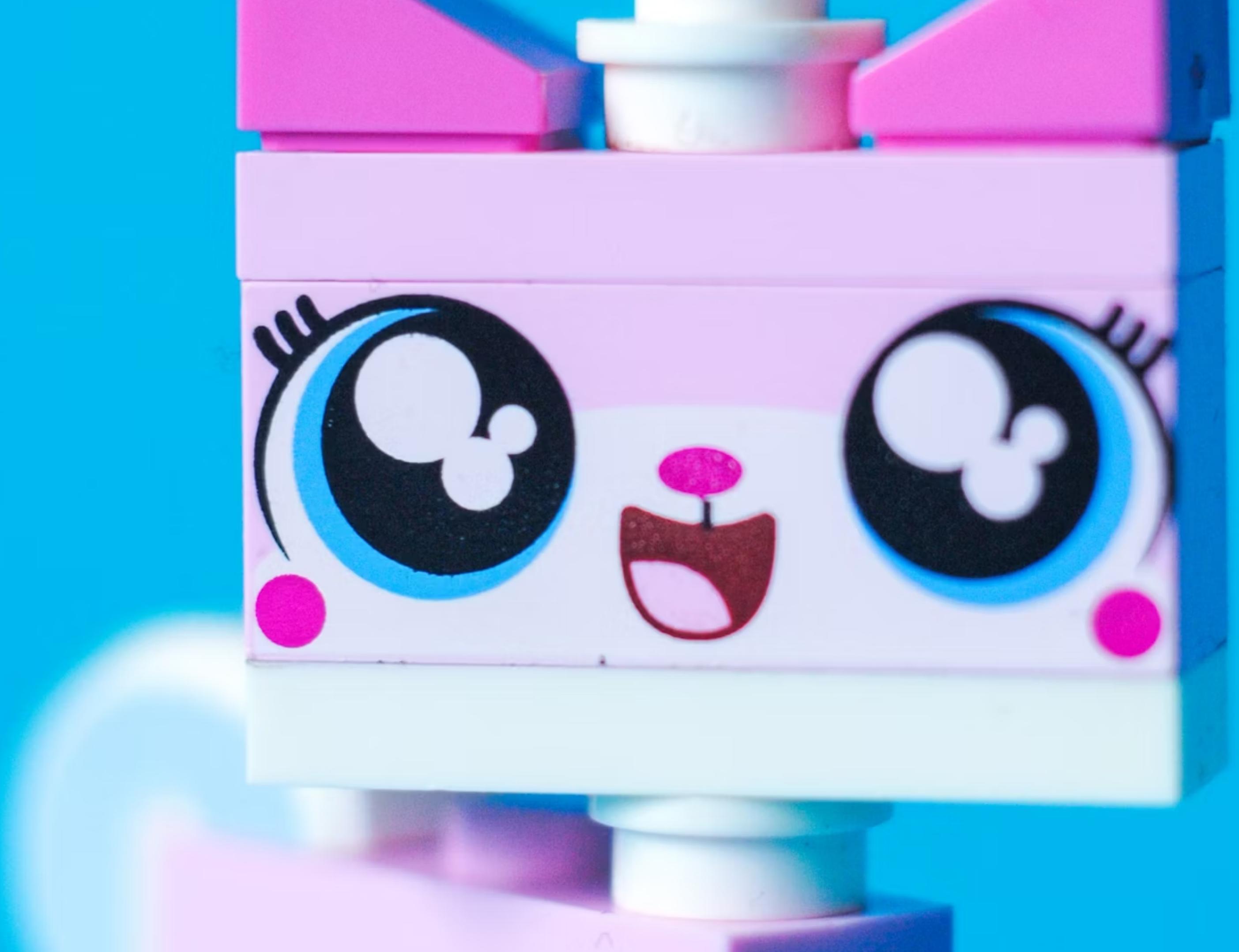
GUIDING GUARDIAN

Gatekeeper → Guiding Guardian



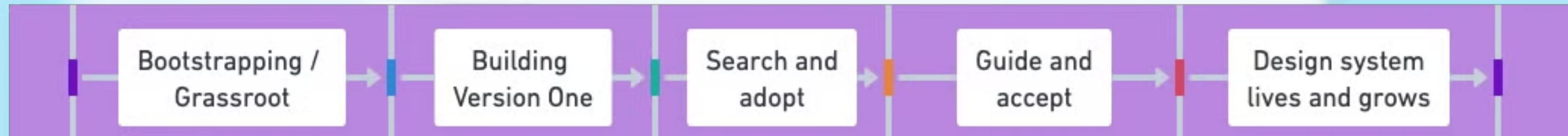
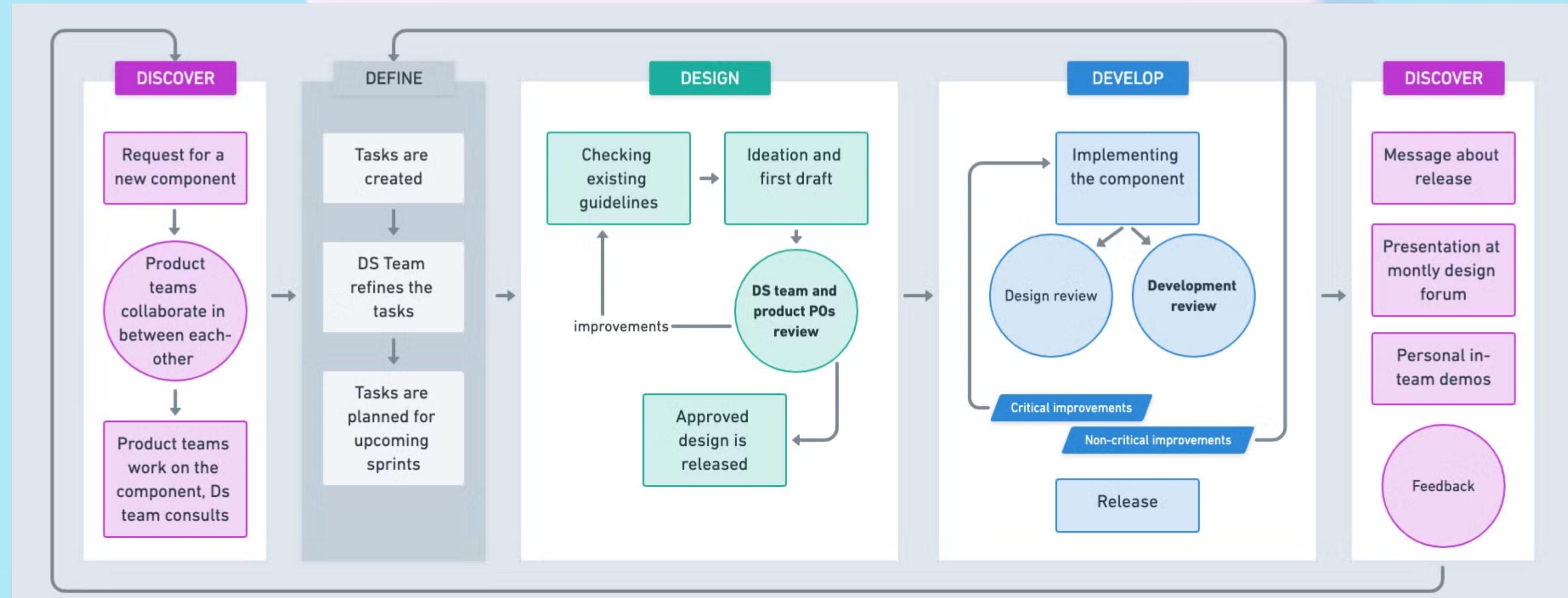
Gatekeeper → Guiding Guardian



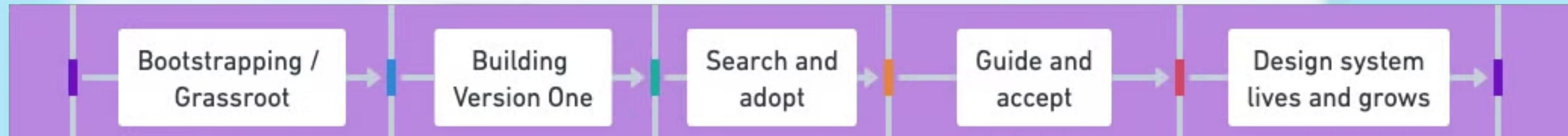
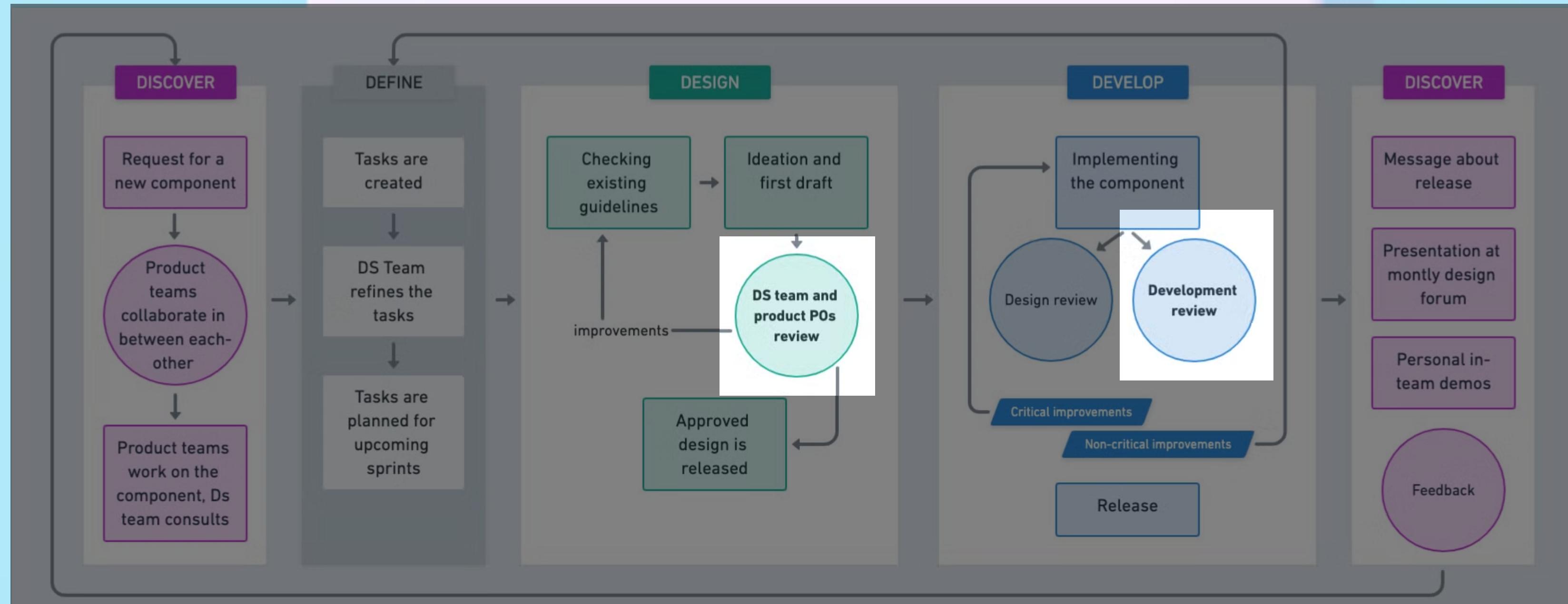


Try Pitch

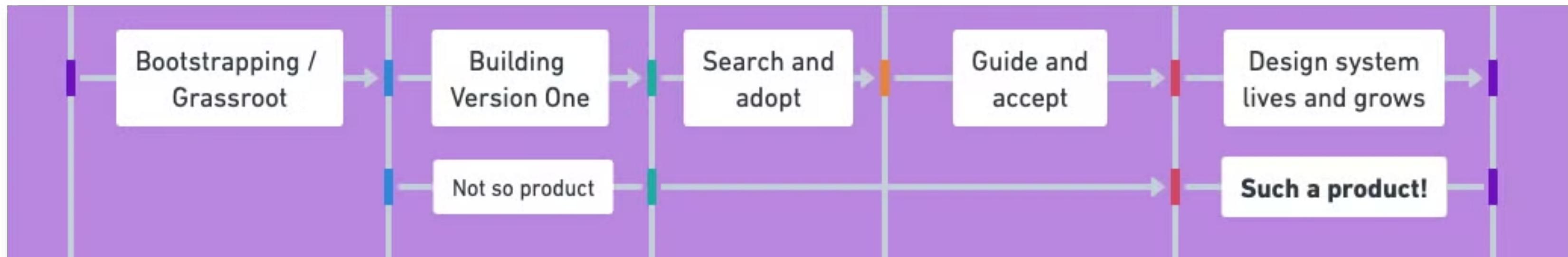
Perfect Contribution



Perfect Contribution



Maturity levels: jump, jump, jump





collaborate vertically



collaborate horizontally



enhance the process

Recap & Questions? Let's keep talking.

Bridge-the-Gap.dev

talk materials ➡️



<https://bridge-the-gap.dev/events/future-frontend-2024/>

