
Agile Practice in Drupal 8 Module Development

05/18/2019

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- DOCOMO Inc. (NYSE: DCM)
- Cloud, DevOps, Agile Software Development
- d.o: 14 years 3 months



Drupal Contributed Module: Cloud

<https://drupal.org/project/cloud>

The screenshot displays the Cloud Orchestrator web interface. At the top, there's a navigation bar with 'Manage', 'Shortcuts', and 'cloud_admin'. Below this is a secondary navigation bar with icons for Content, Structure, Appearance, Extend, Configuration, People, Reports, and Help. The main header area includes the 'Cloud Orchestrator' logo, a 'Home' link, and 'My account' and 'Log out' links. The breadcrumb trail shows 'Cloud Service Providers / All AWS Cloud Instances / AWS Cloud Instances'. The main section is titled 'AWS Cloud Instances' and has tabs for 'Instances', 'Images', 'Security Groups', 'Elastic IPs', 'Network Interfaces', 'Key Pairs', 'Volumes', 'Snapshots', and 'Instance Type Prices'. Below the tabs are 'Add | Launch AWS Cloud Instance' and 'Refresh' buttons. A 'Items per page' dropdown is set to 50, with an 'Apply' button. The table lists various instances with columns for Name, Public IP, Instance State, Instance Type, Availability Zone, Created, and Operations links. A 'Cloud Service Providers' sidebar is visible on the right.

Name	Public IP	Instance State	Instance Type	Availability Zone	Created	Operations links
Cloud Orchestrator	35.161.246.100	running	t3.small	us-west-2a	2019/03/14 - 20:13	Edit
Ubuntu 18.04 LTS 20190403	54.200.155.1	running	t3.micro	us-west-2a	2019/04/10 - 15:28	Edit
SagemakerDemo	52.12.110.234	running	t2.micro	us-west-2a	2019/05/09 - 18:11	Edit
test2		running	t3.small	us-west-2a	2019/05/15 - 01:47	Edit
Jenkins-master	50.112.45.247	running	t3.micro	us-west-2b	2016/09/15 - 17:14	Edit
Jenkins-slave-sphinx	52.41.103.166	running	t3.nano	us-west-2a	2016/09/27 - 12:19	Edit
CostVisualizer3-20181223a-DII	54.186.37.162	running	t3.small	us-west-2a	2018/12/23 - 16:27	Edit
モニター	52.42.238.236	stopped	t2.micro	us-west-2b	2017/06/06 - 15:32	Edit
Cloud Orchestrator - EC2 - Dev Instance	34.216.163.223	stopped	t2.medium	us-west-2a	2018/04/23 - 20:31	Edit

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Agenda

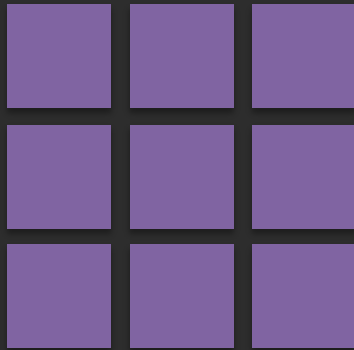
Agenda

- Scrum Agile Development
- Our Team
- Challenging Time and Space
- Development Cycle
- Development Process
- Project Management

Agile Methodology: Scrum

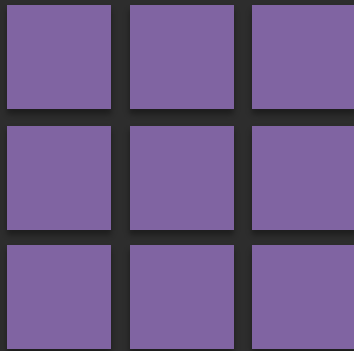
Agile Methodology: Scrum

Backlog



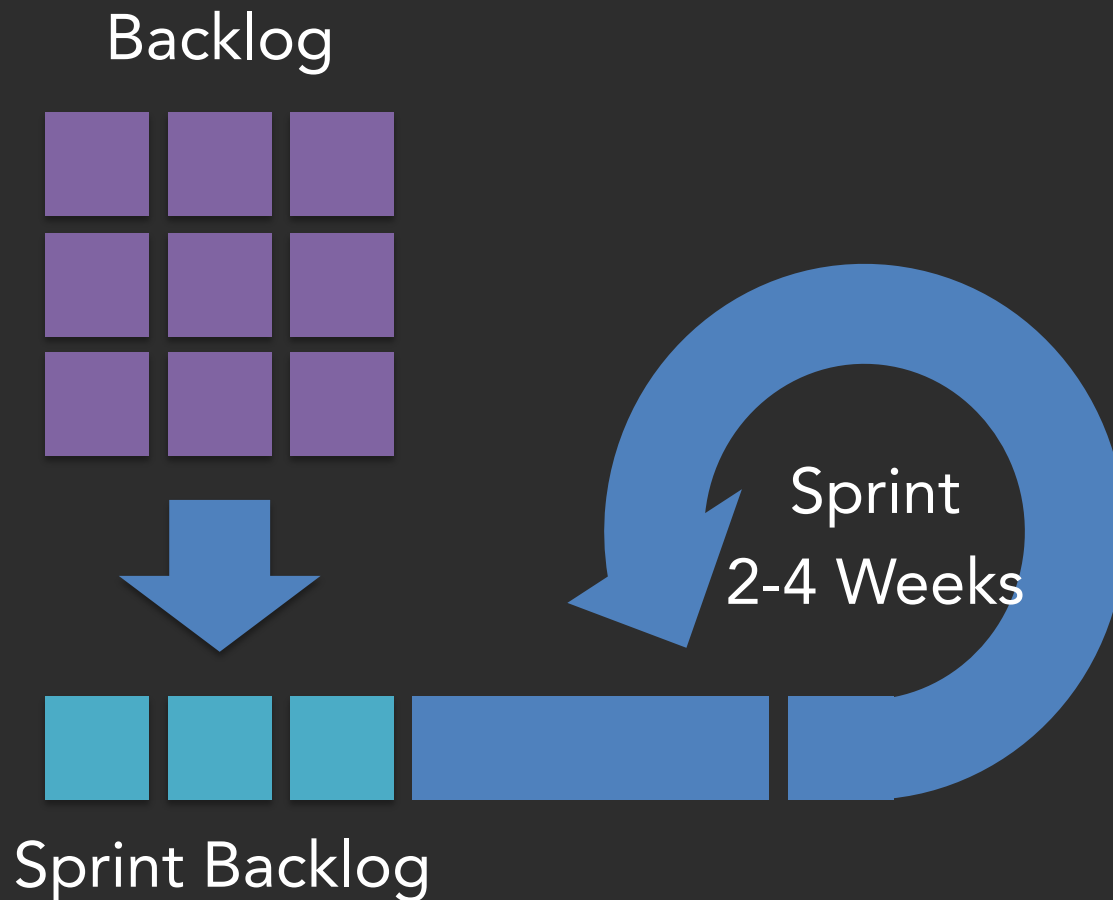
Agile Methodology: Scrum

Backlog

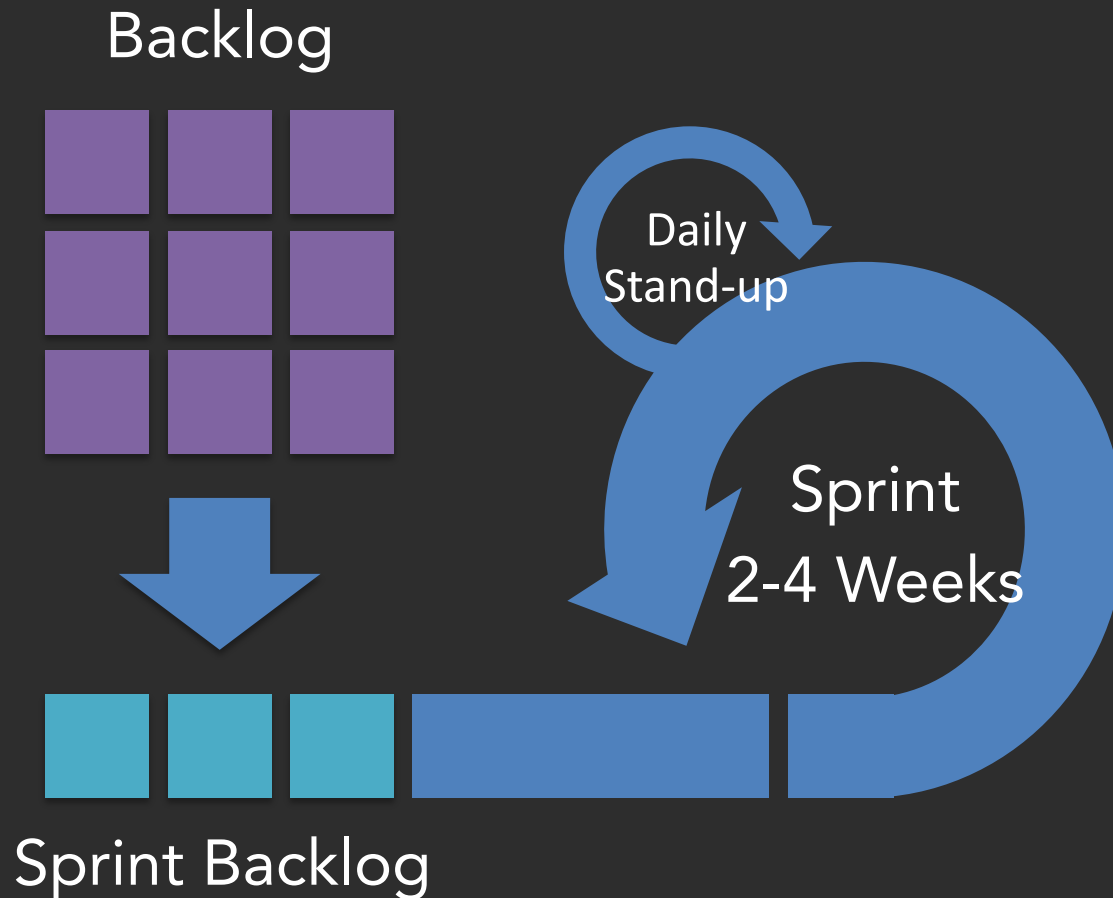


Sprint Backlog

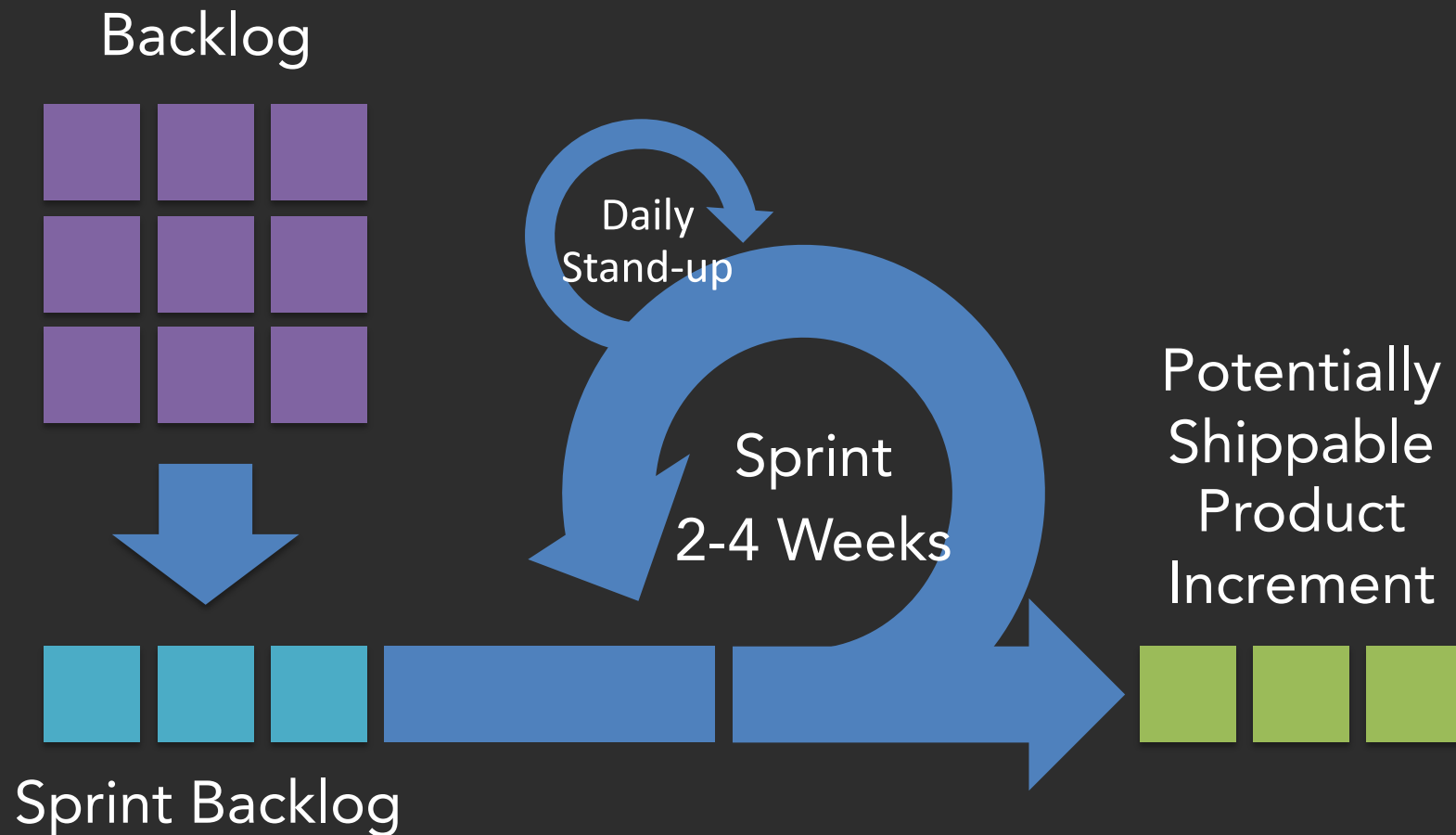
Agile Methodology: Scrum



Agile Methodology: Scrum



Agile Methodology: Scrum



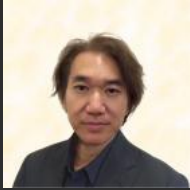
Our Team

Our Team



@yas, Project Lead & Scrum Master

Our Team



@yas, Project Lead & Scrum Master



@baldwinlouie, Drupal Software Developer

Our Team



@yas, Project Lead & Scrum Master



@baldwinlouie, Drupal Software Developer



@xiaohua-guan, Drupal Software Developer

Our Team



@yas, Project Lead & Scrum Master



@baldwinlouie, Drupal Software Developer



@xiaohua-guan, Drupal Software Developer



@masami , Drupal Software Developer

Challenging Time and Space

Challenging Time and Space



Challenging Time and Space

CA



yas



baldwin

Challenging Time and Space

CA



yas



baldwin

Japan



guan







masami





Challenging Time and Space



Challenging Time and Space

CA	PDT	JST	Japan
	Wed 3:00 pm *	Thu 7:00 am	
yas	Wed 4:00 pm *	Thu 8:00 am	guan
	Wed 5:00 pm *	Thu 9:00 am	
baldwin	Wed 6:00 pm *	Thu 10:00 am	masami
	Wed 7:00 pm *	Thu 11:00 am	
	Wed 8:00 pm *	Thu 12:00 noon	
	Wed 9:00 pm *	Thu 1:00 pm	
	Wed 10:00 pm *	Thu 2:00 pm	
	Wed 11:00 pm *	Thu 3:00 pm	

Challenging Time and Space

CA	PDT	JST	Japan
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	Wed 8:00 pm *	Thu 12:00 noon	
	Wed 9:00 pm *	Thu 1:00 pm	
	Wed 10:00 pm *	Thu 2:00 pm	
	Wed 11:00 pm *	Thu 3:00 pm	

Development Cycle

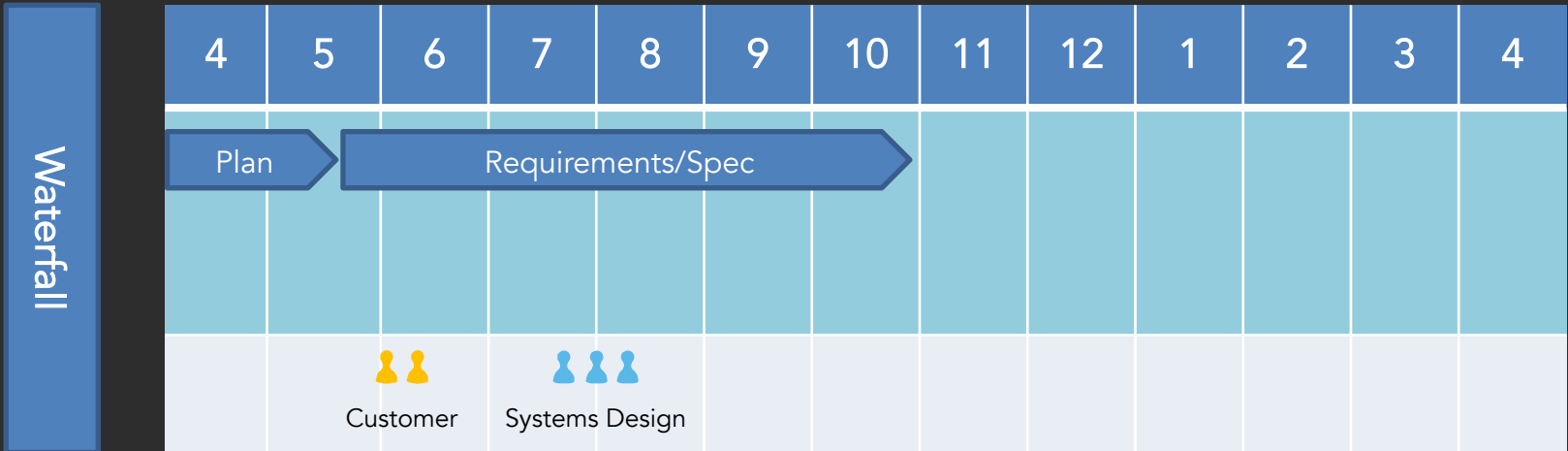
Development Cycle

Waterfall

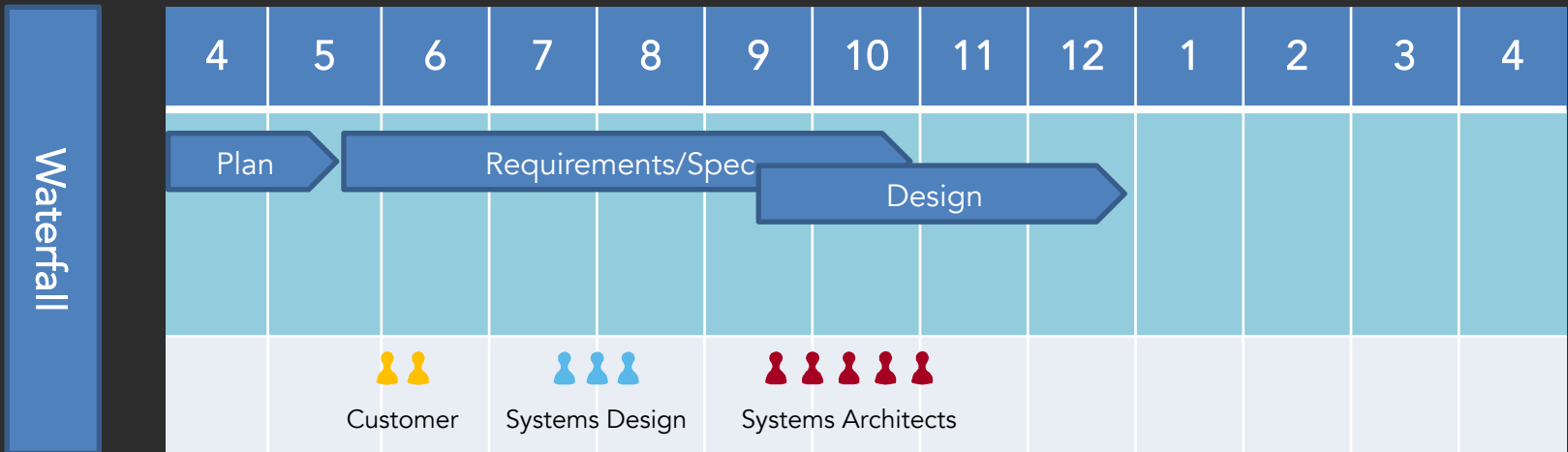
Development Cycle

Waterfall	4	5	6	7	8	9	10	11	12	1	2	3	4

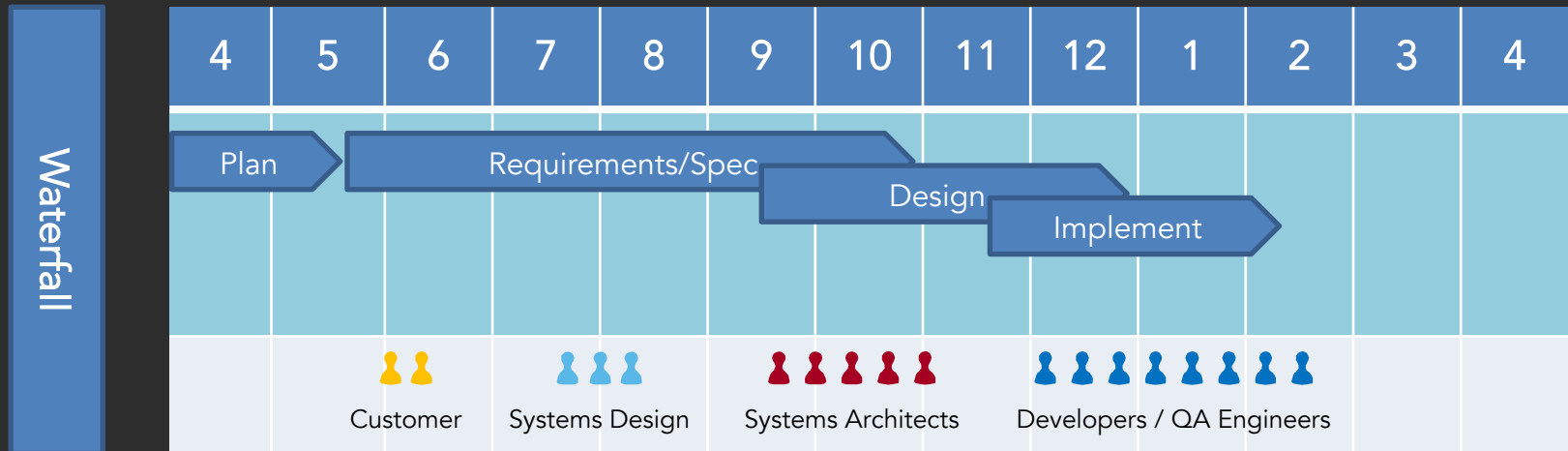
Development Cycle



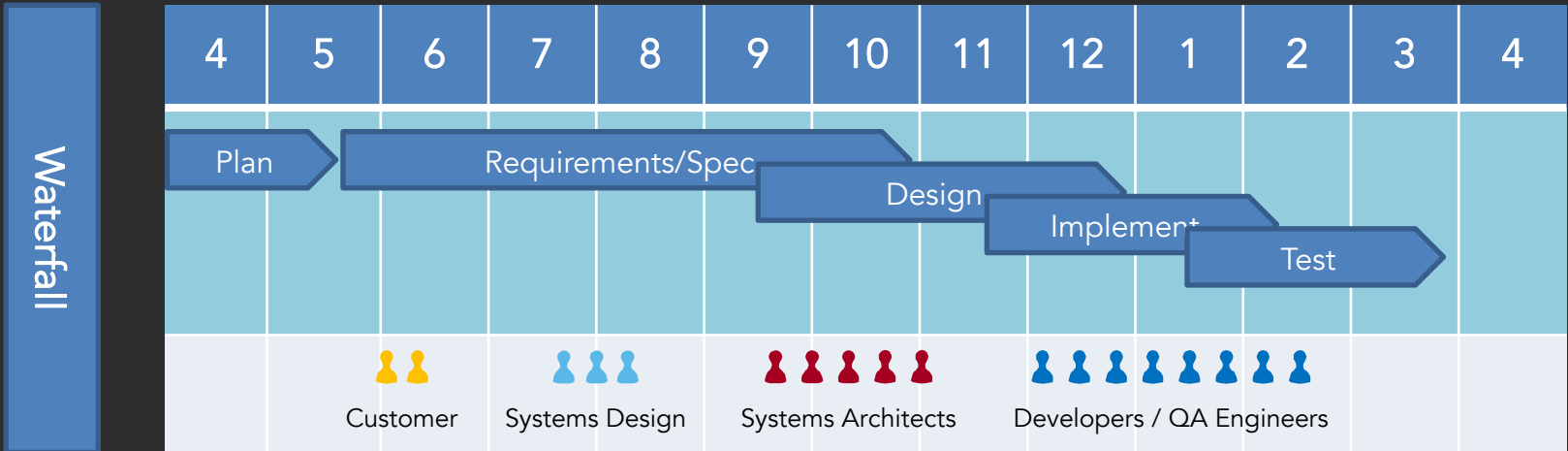
Development Cycle



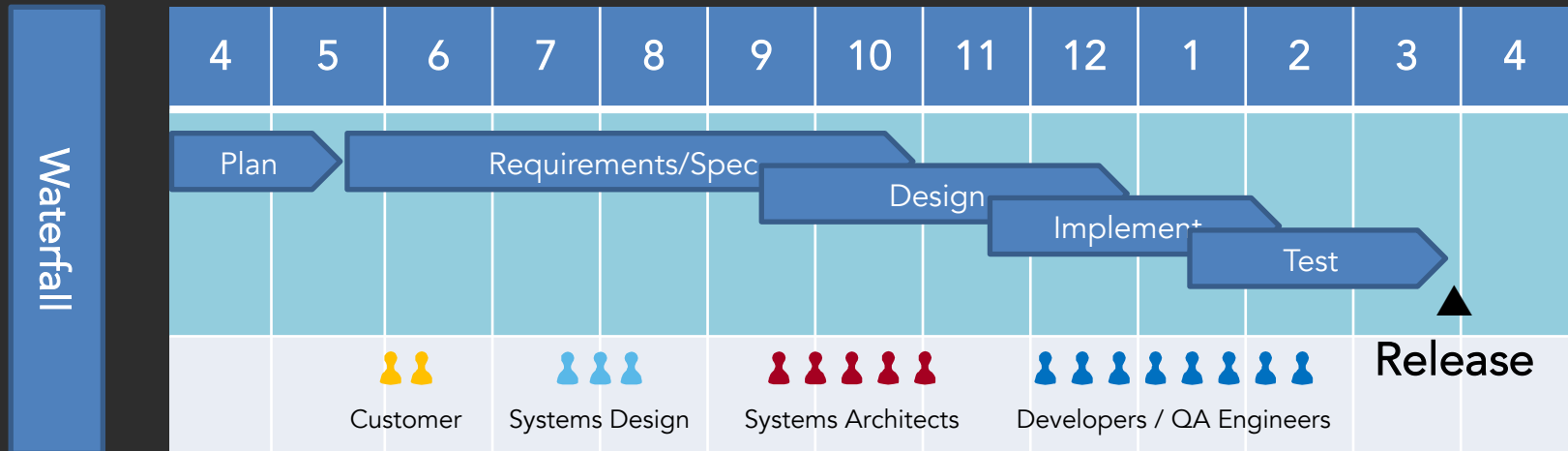
Development Cycle



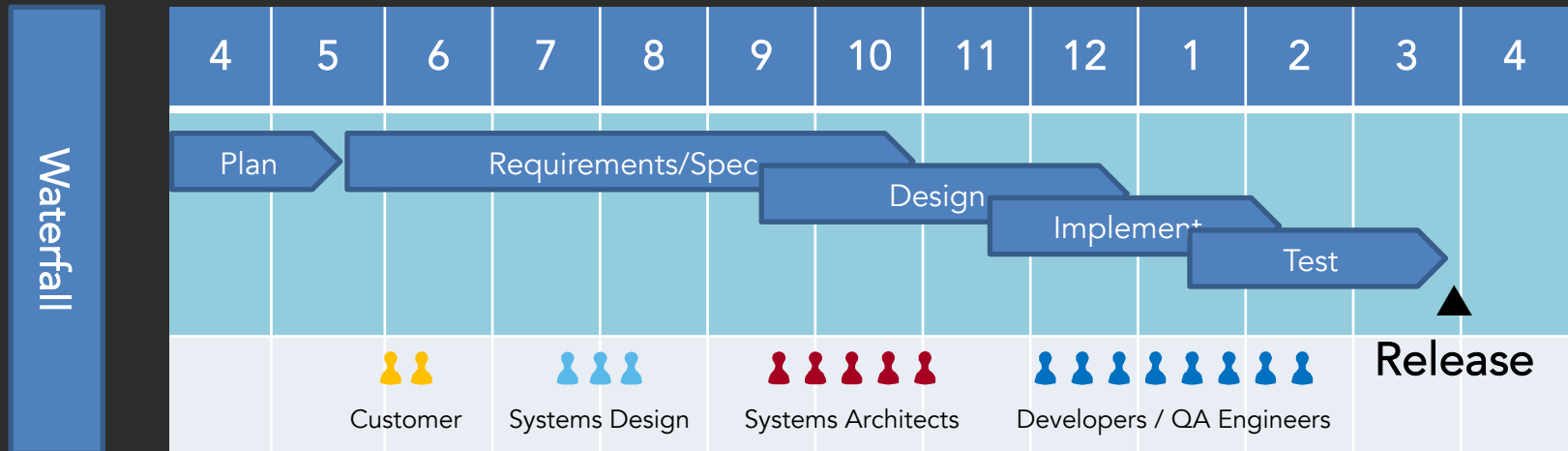
Development Cycle



Development Cycle

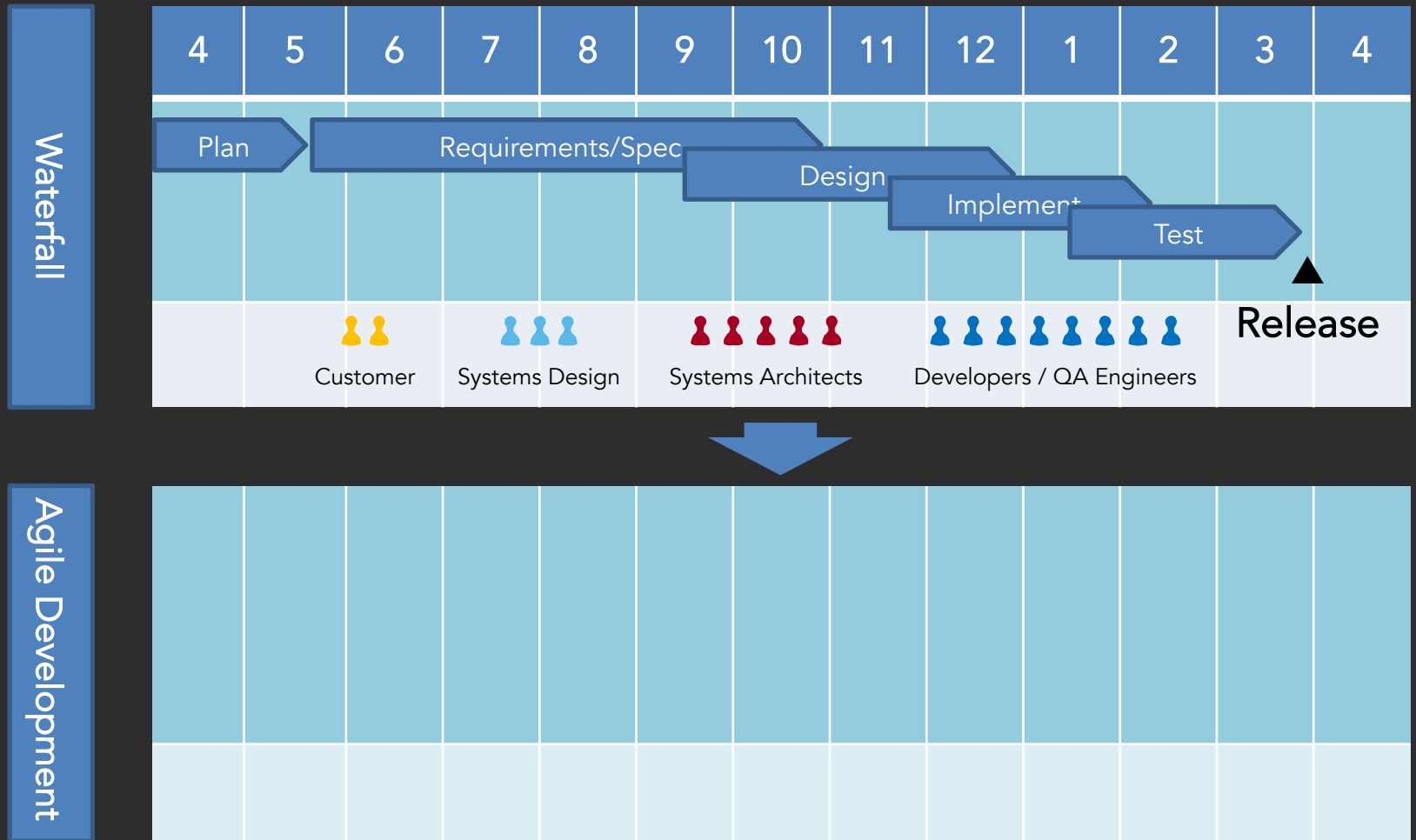


Development Cycle

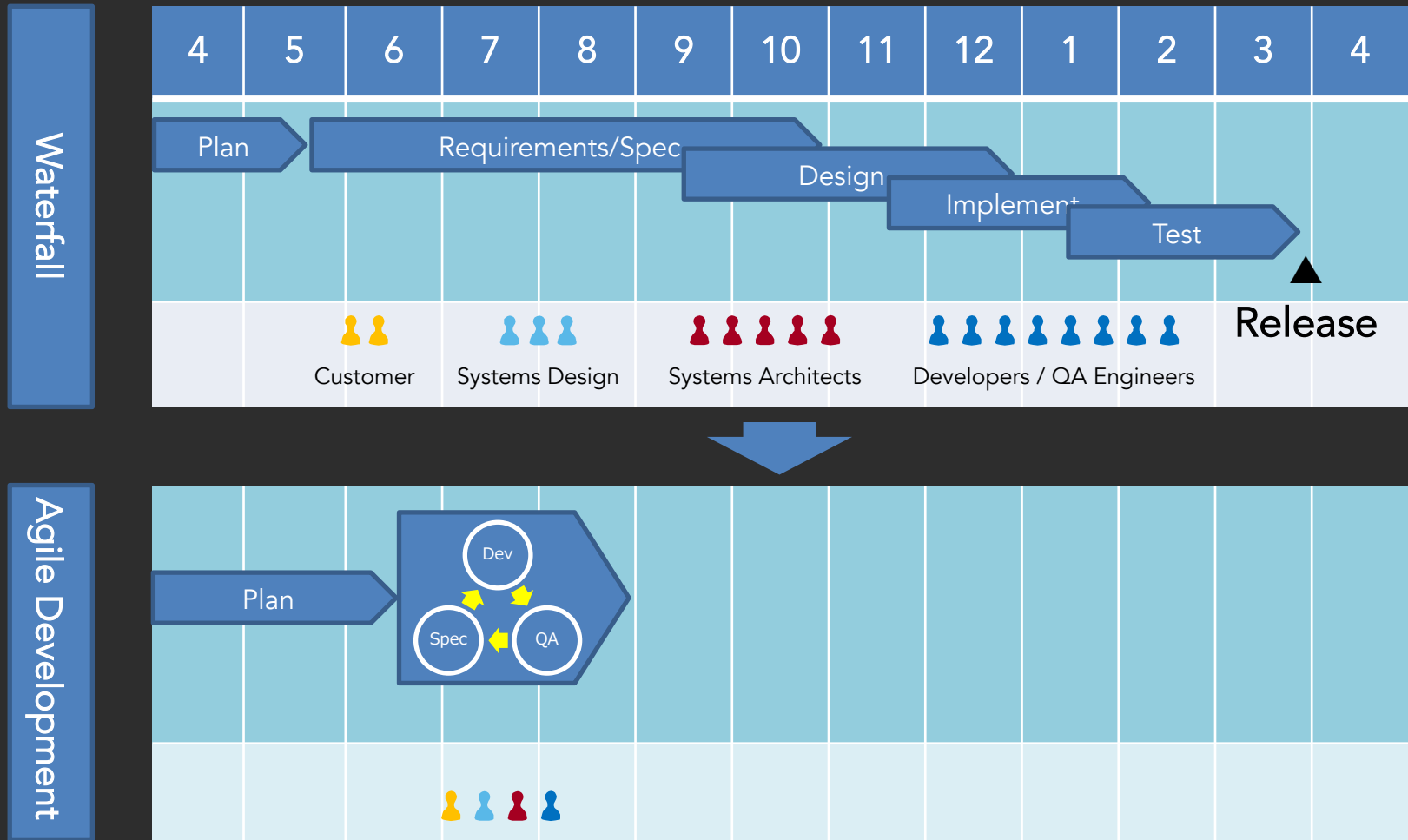


- Release only one time
- Various number of resources in each phase

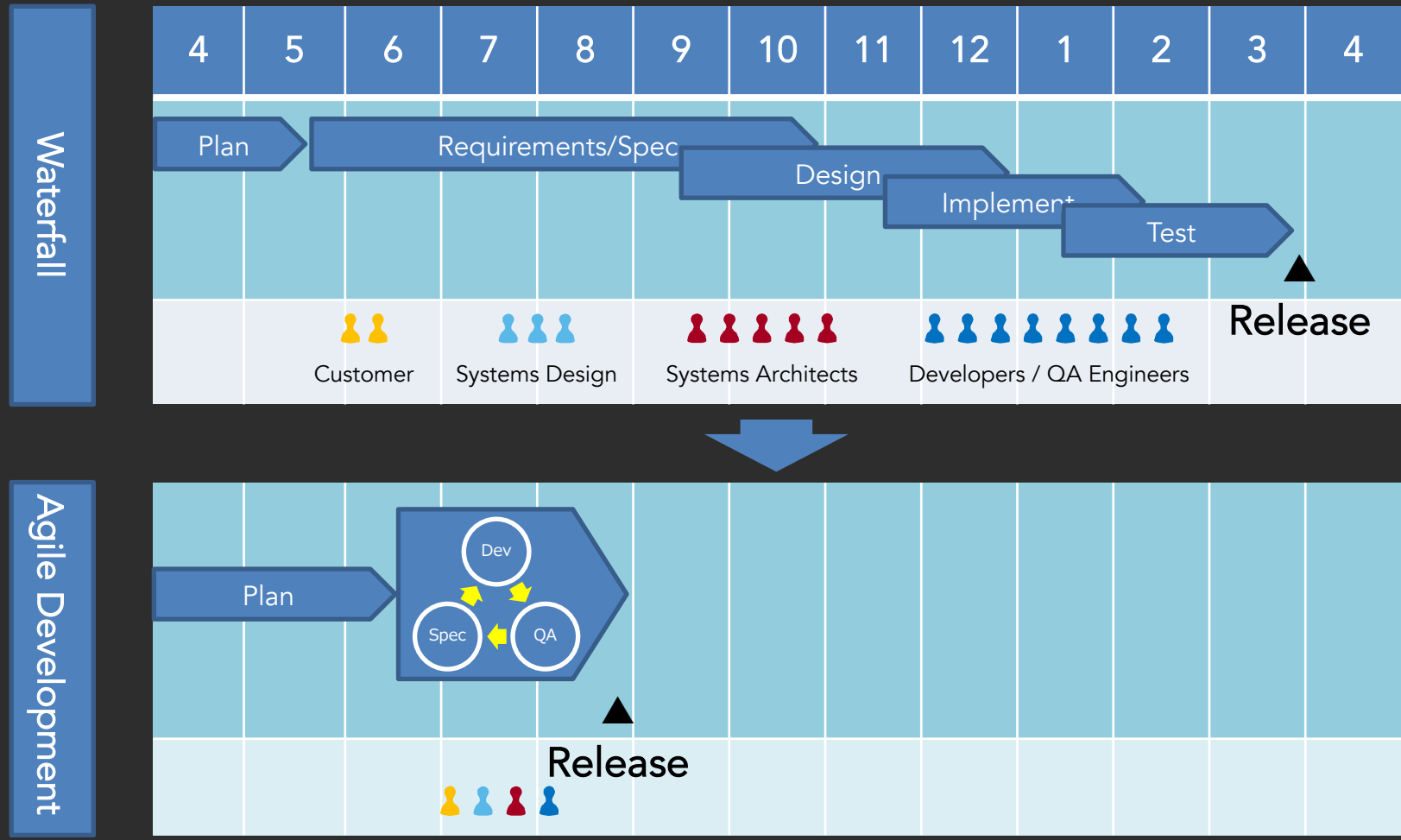
Development Cycle



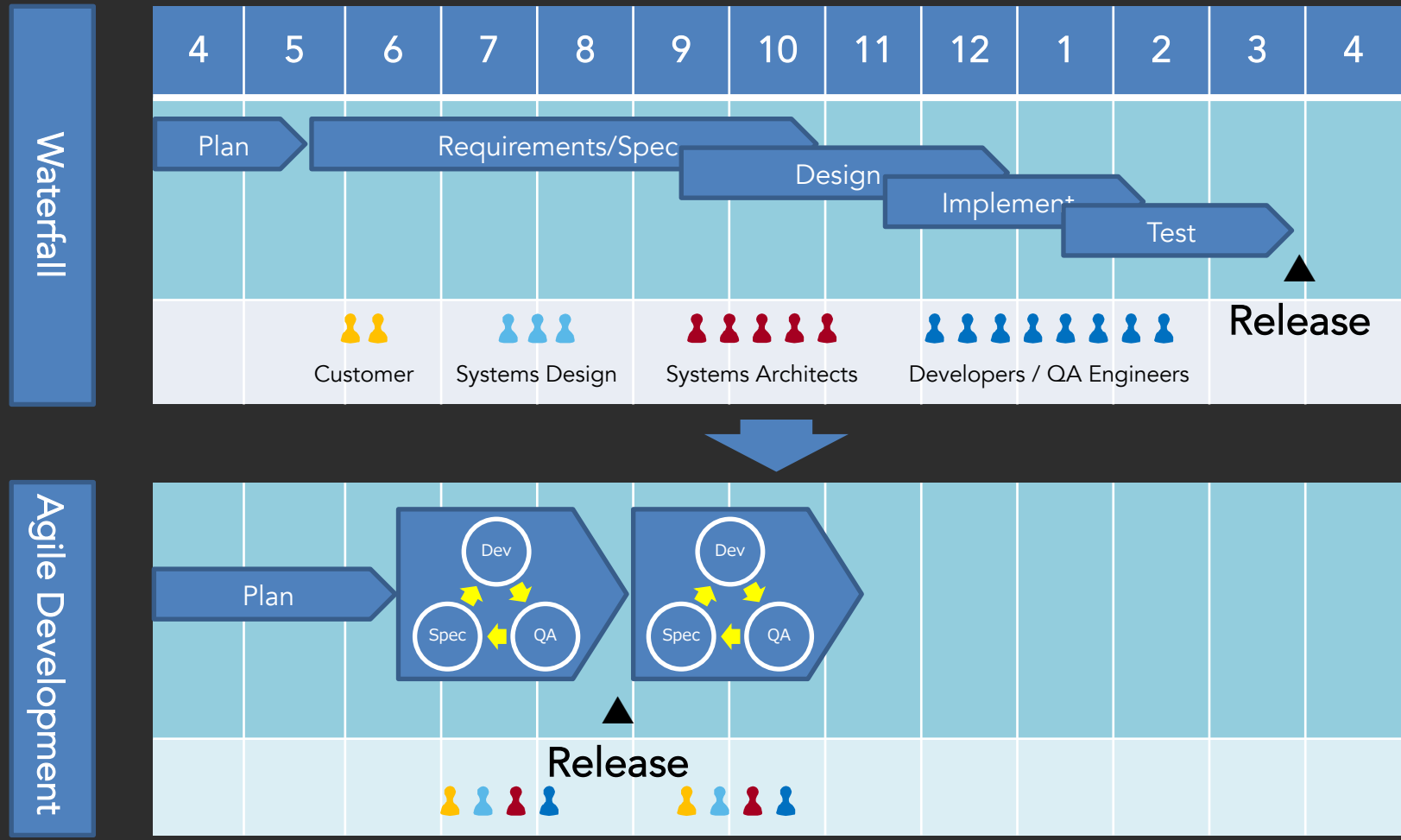
Development Cycle



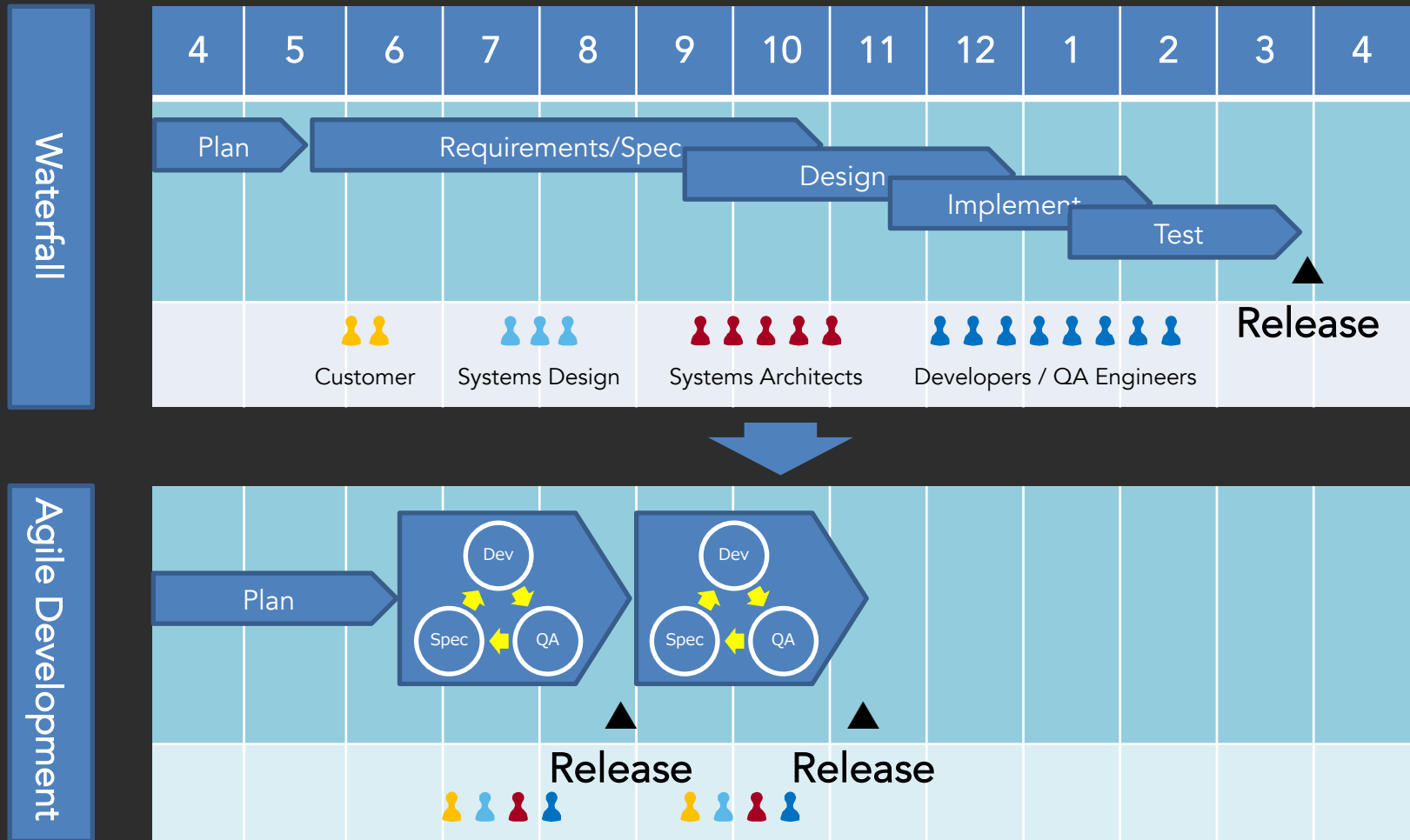
Development Cycle



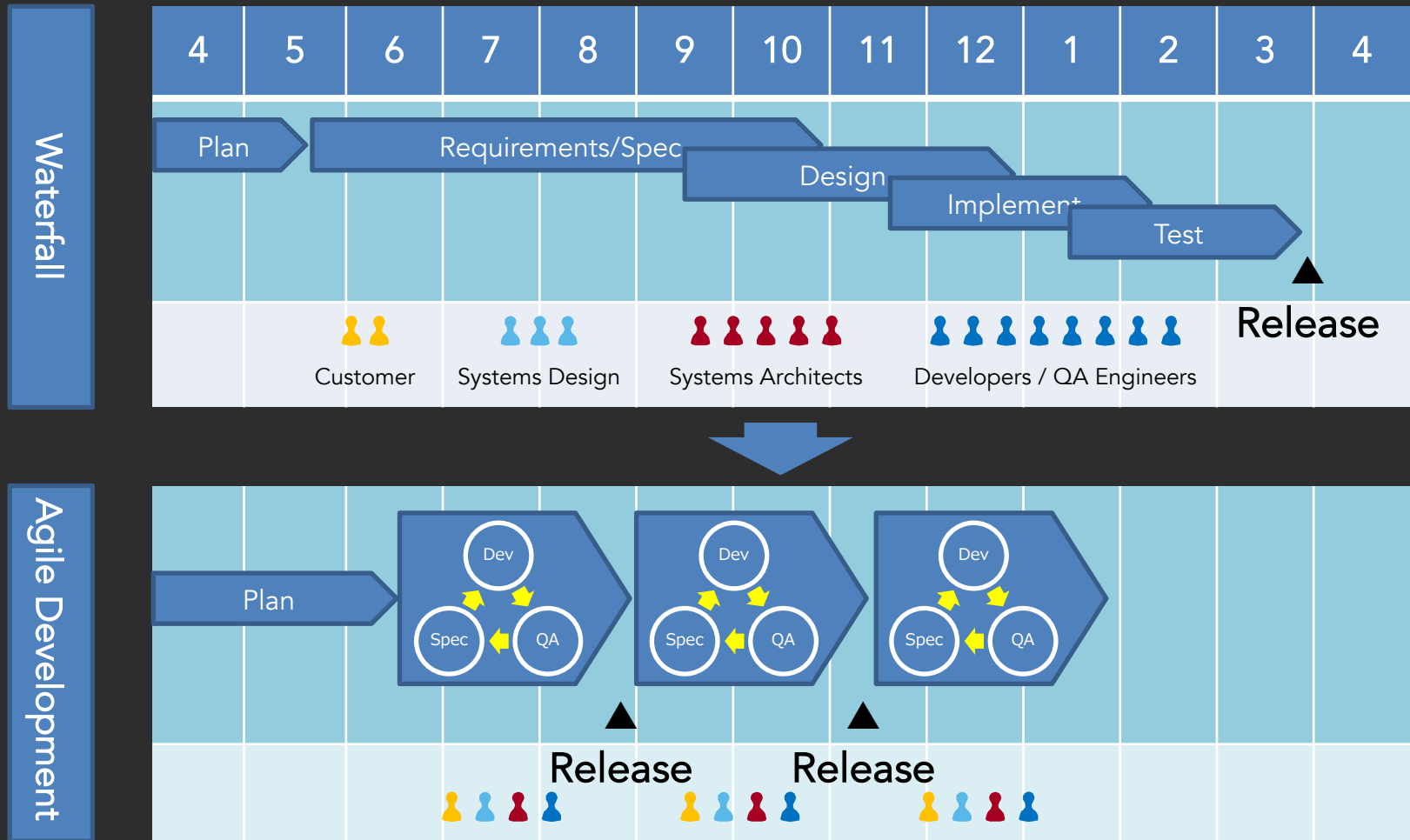
Development Cycle



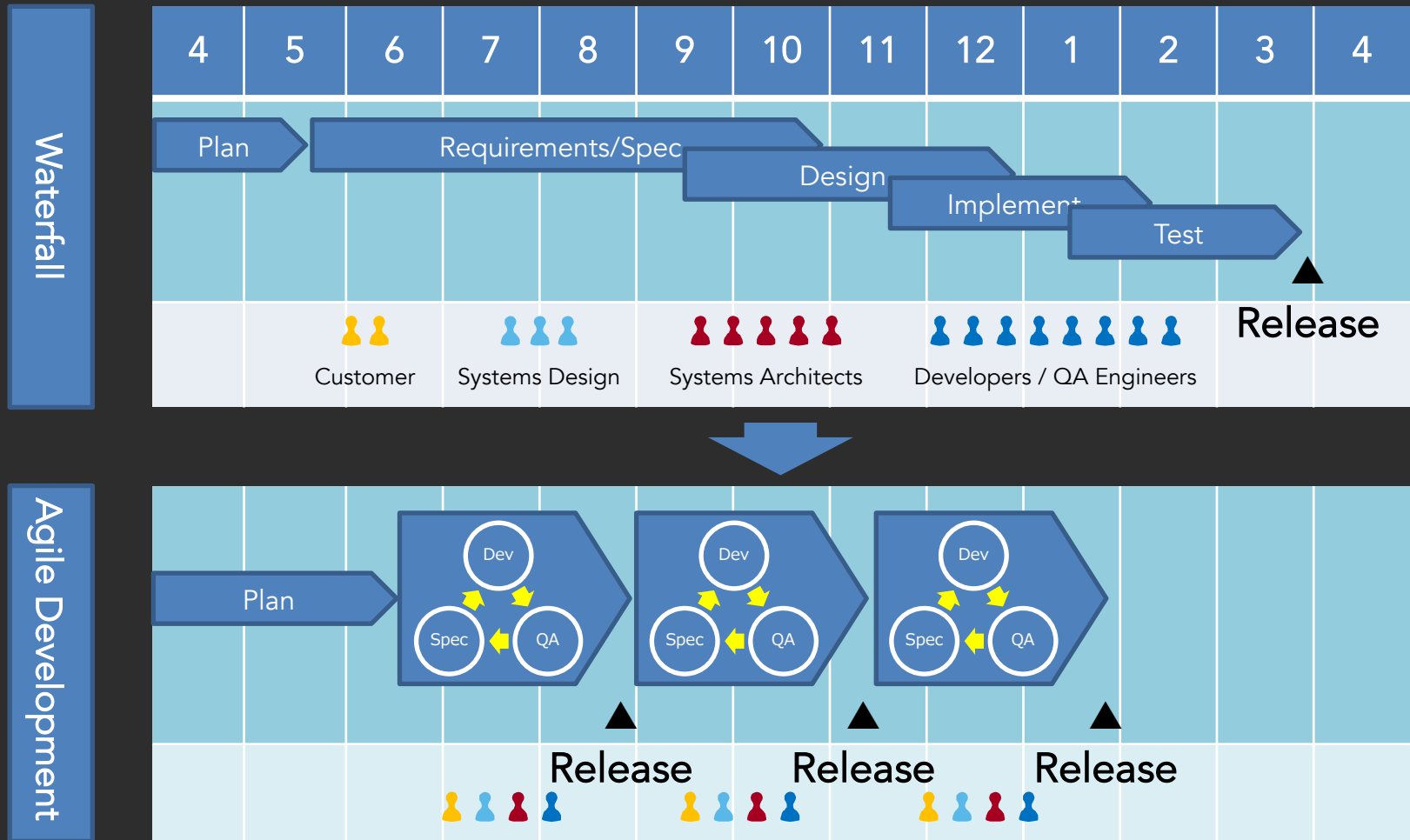
Development Cycle



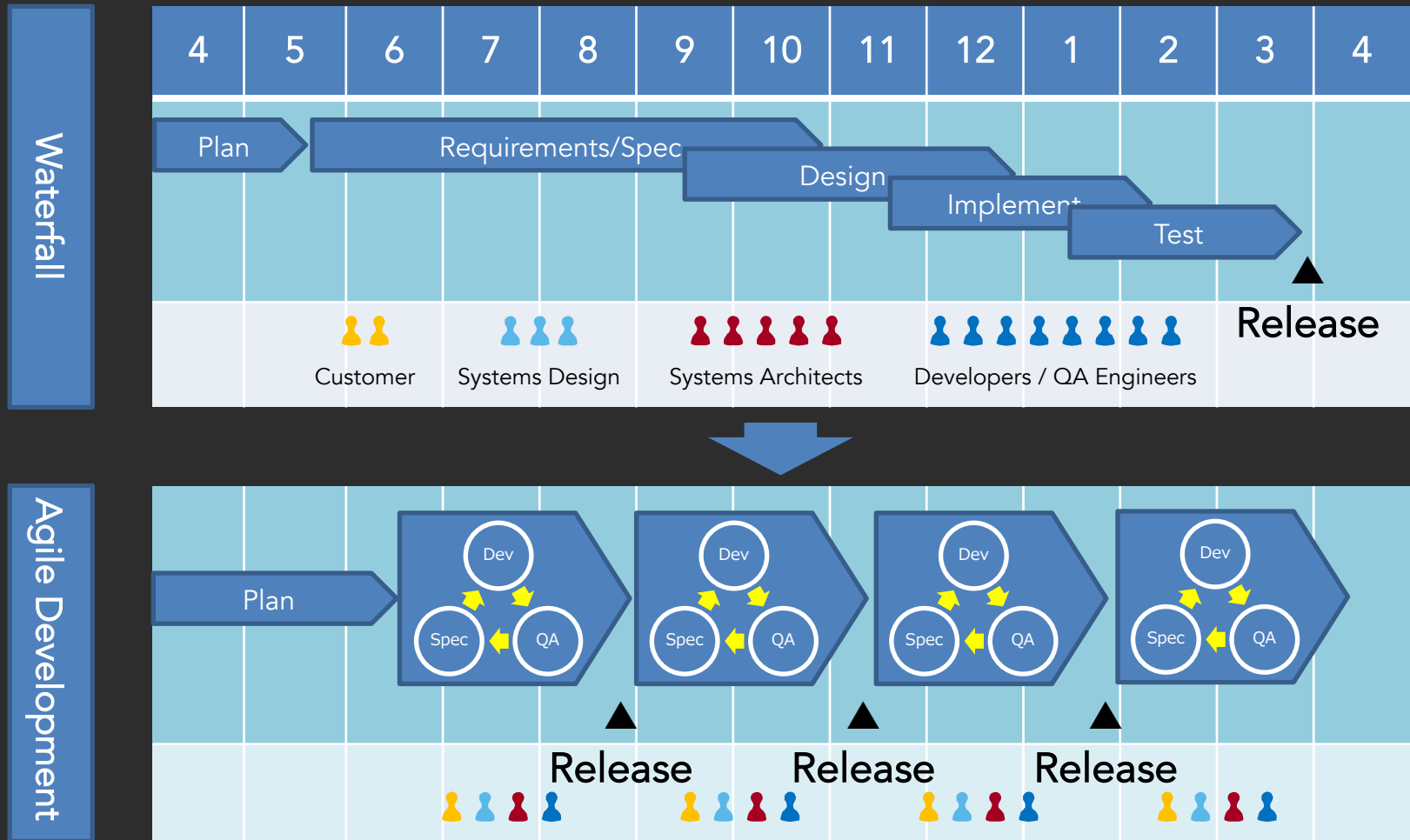
Development Cycle



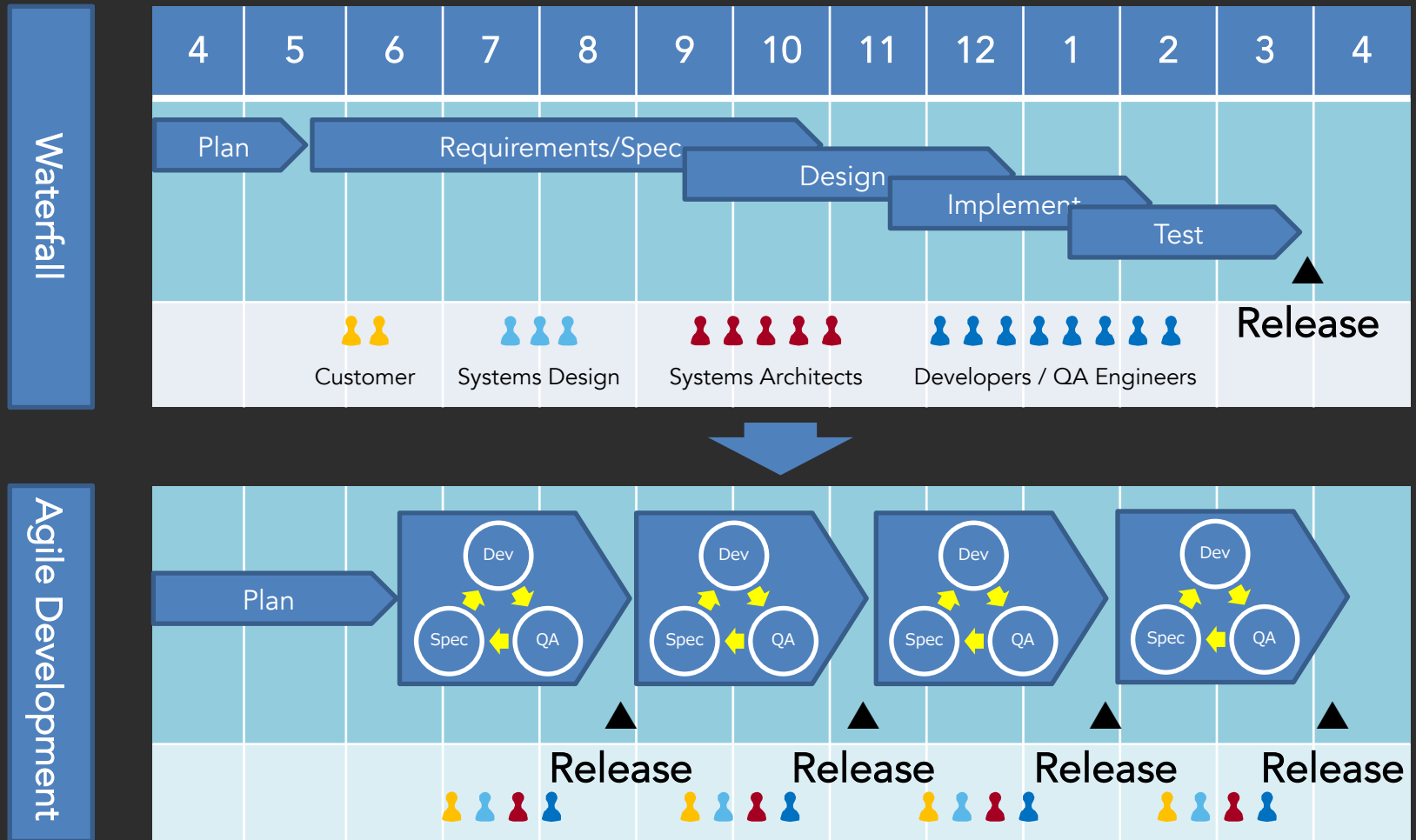
Development Cycle



Development Cycle

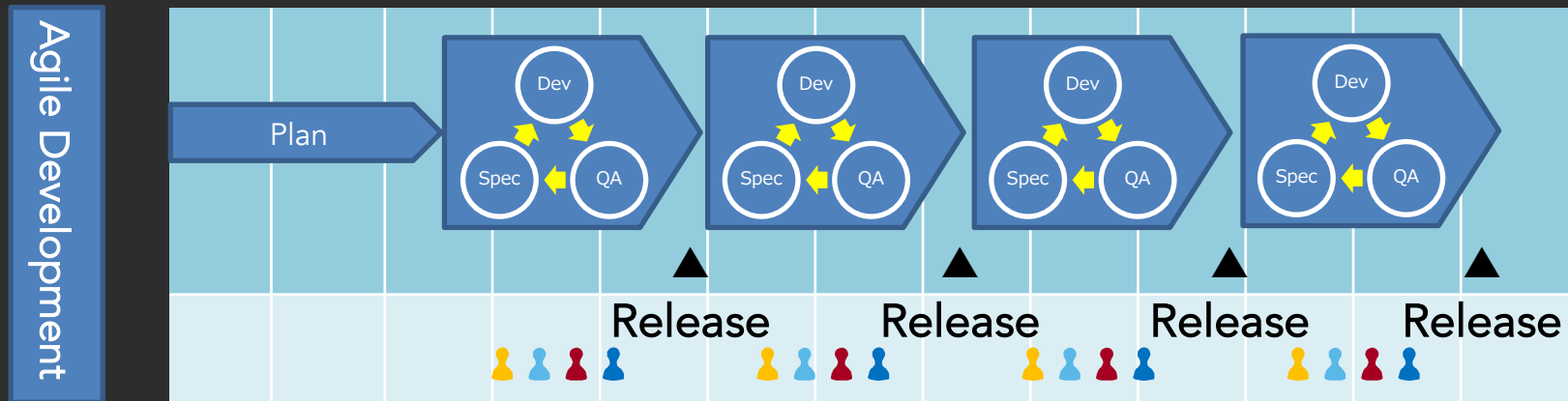


Development Cycle



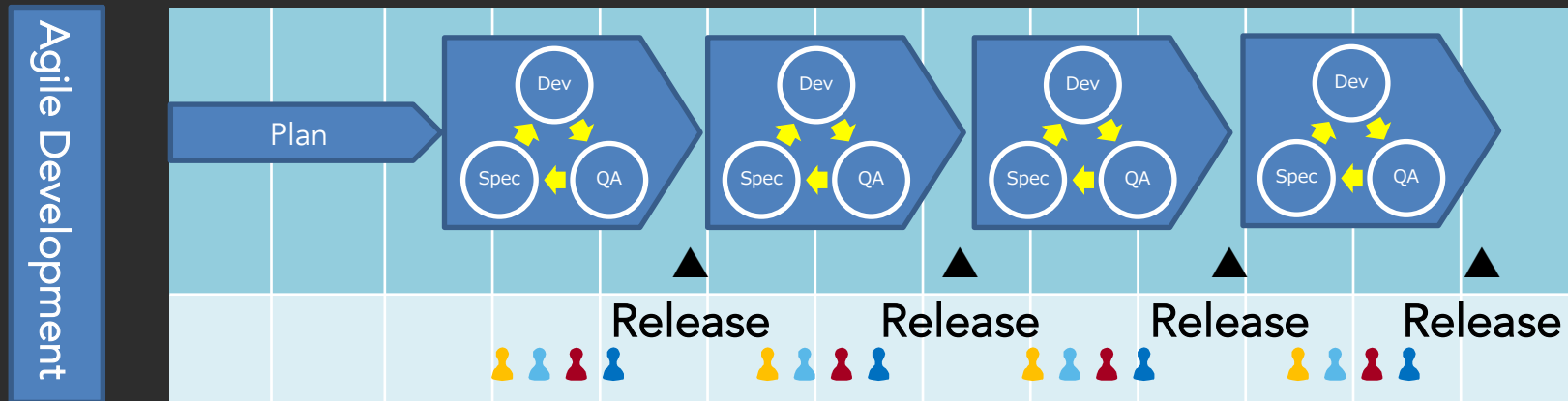
Development Cycle

- Release every four to six weeks
- Developers are involved from Design to QA



Development Cycle

- Two Week Sprint – Sprint Planning and Sprint Review
- Weekly Meeting – Status Update
- Release – alpha1, alpha2, beta1, beta2, rc1, rc2, 1.x



Development Process

Development Process



Development Process



Development Process



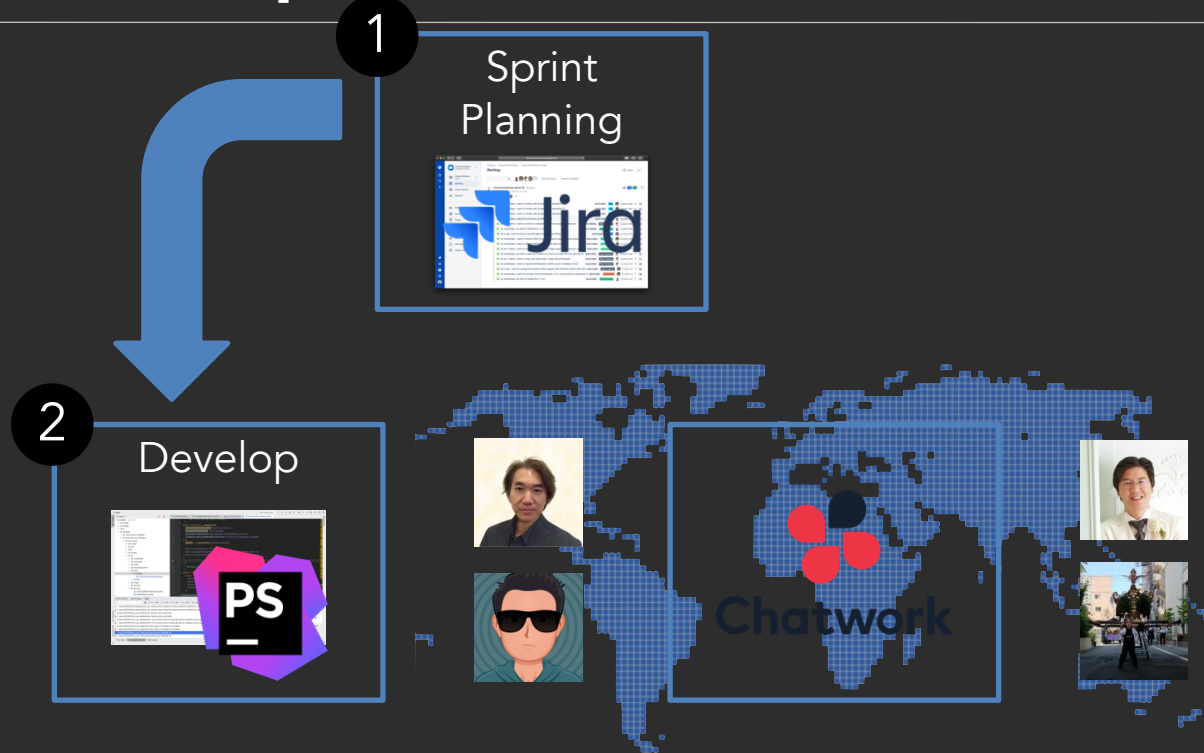
Development Process

1

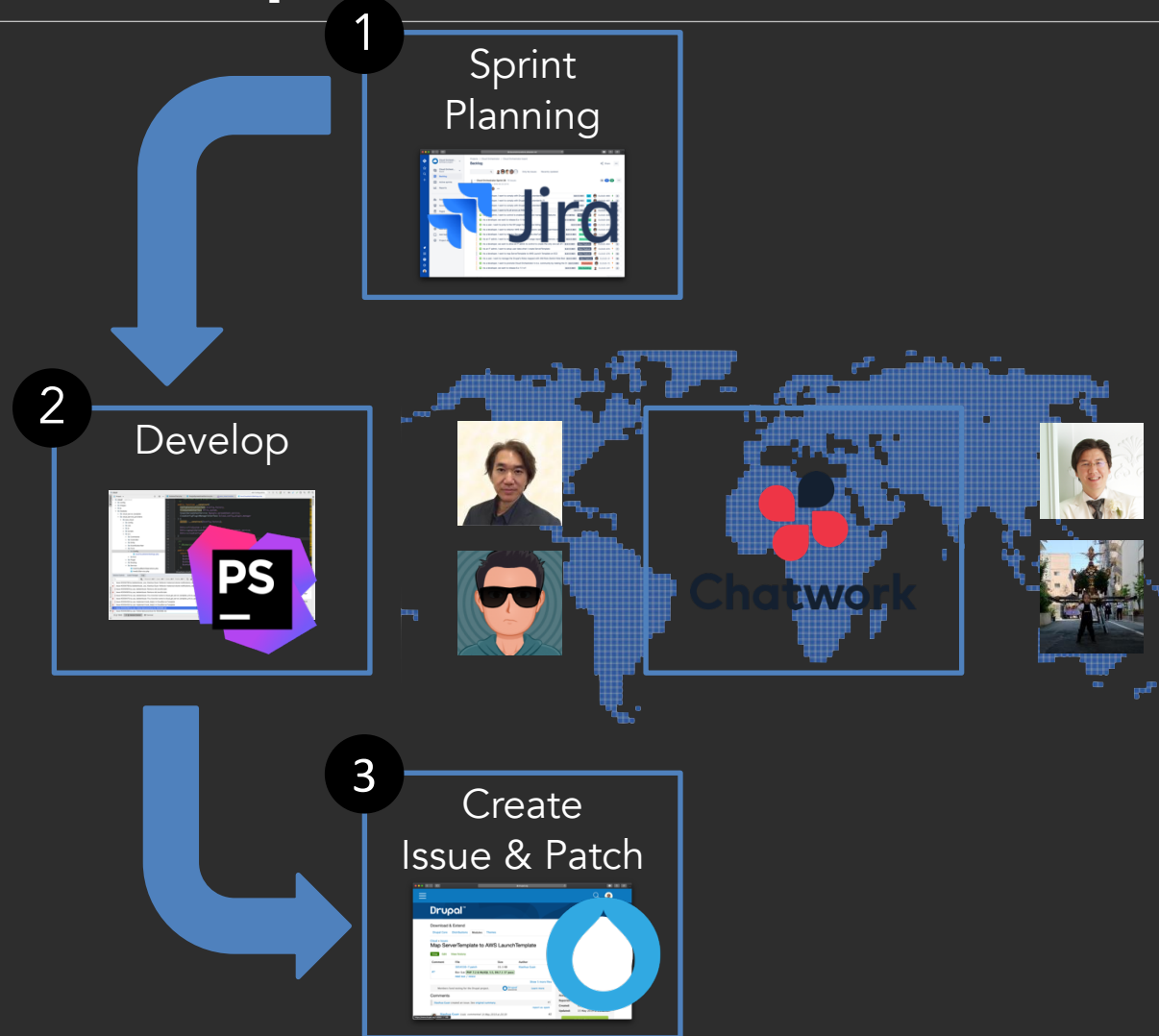
Sprint
Planning



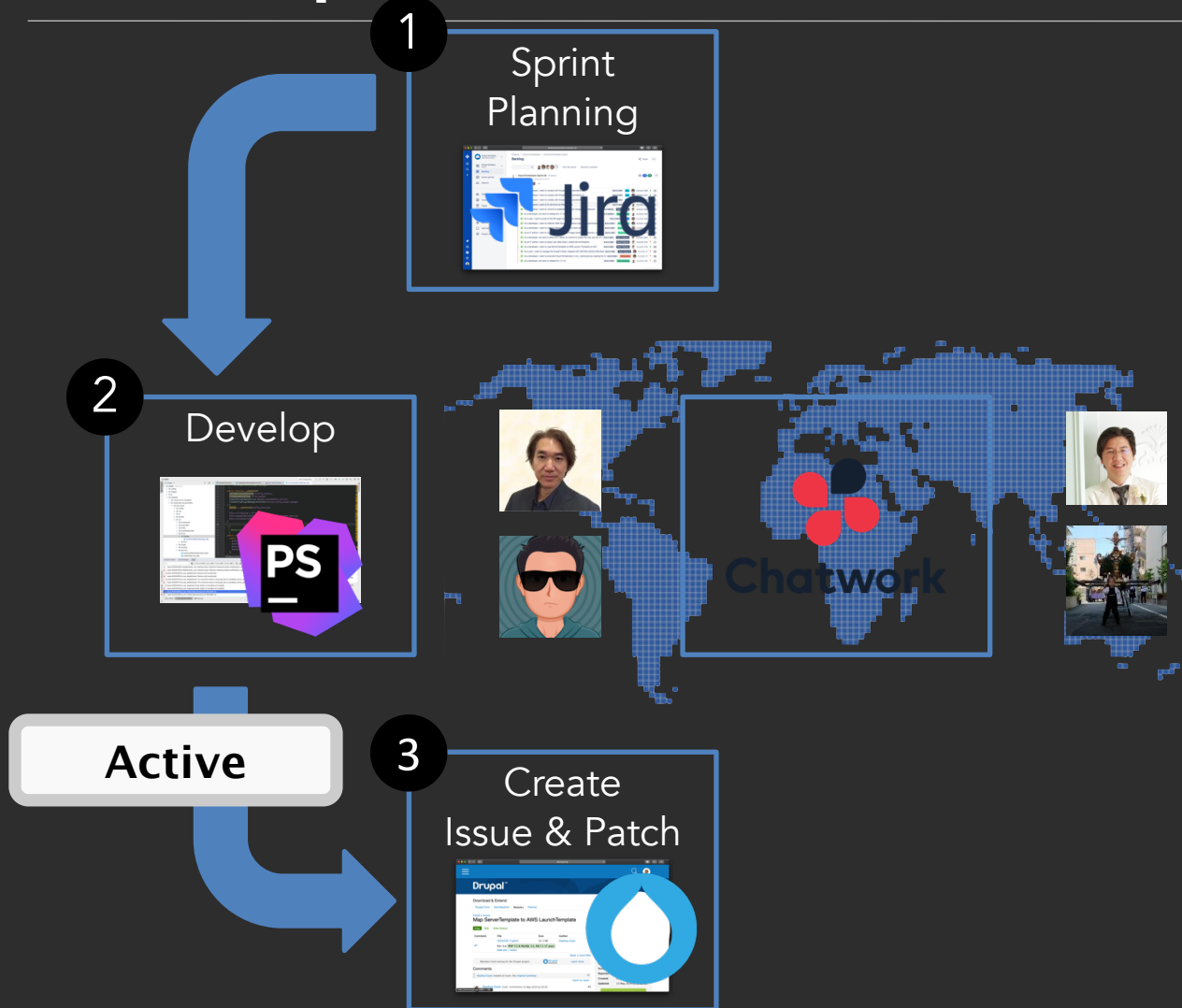
Development Process



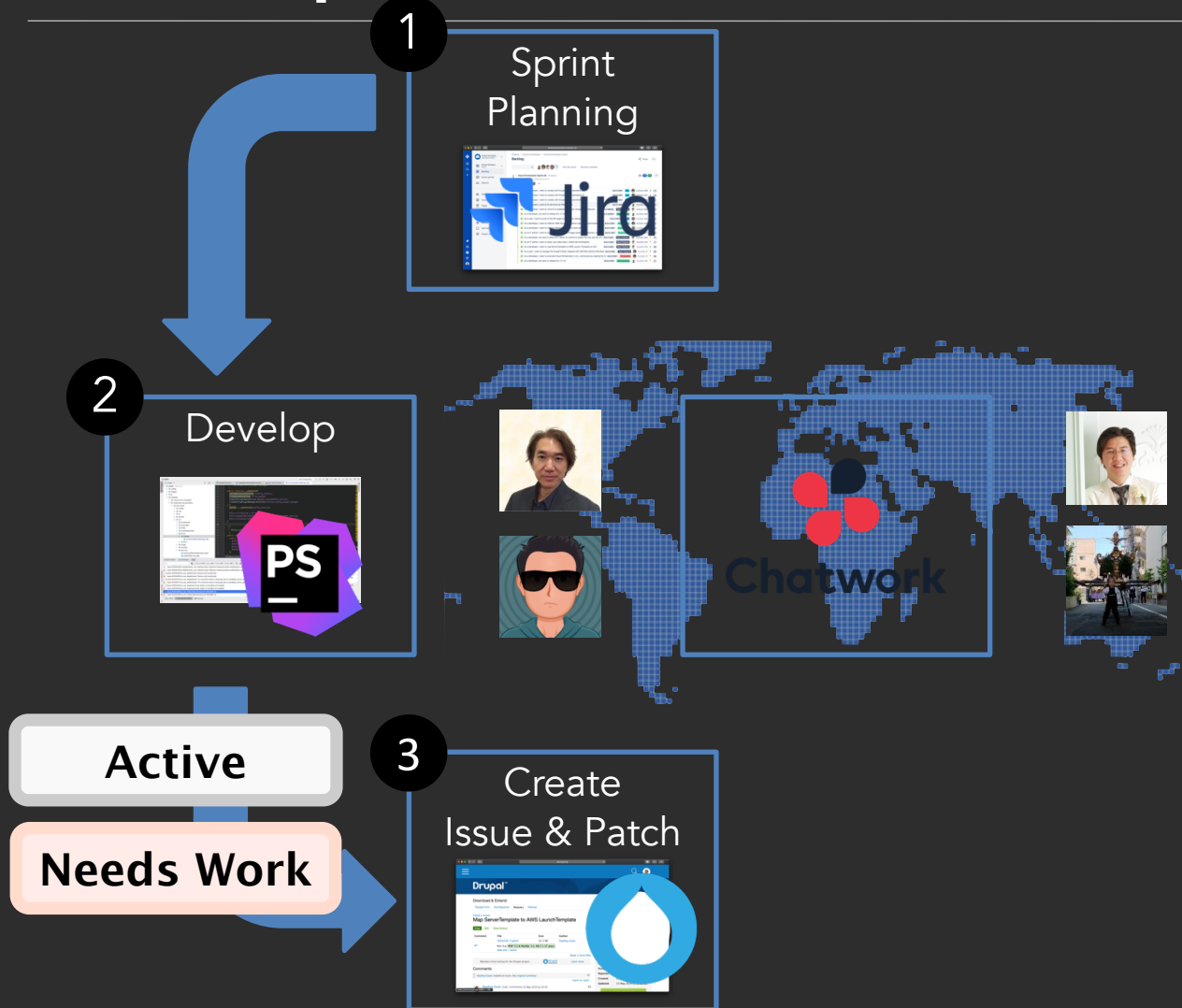
Development Process



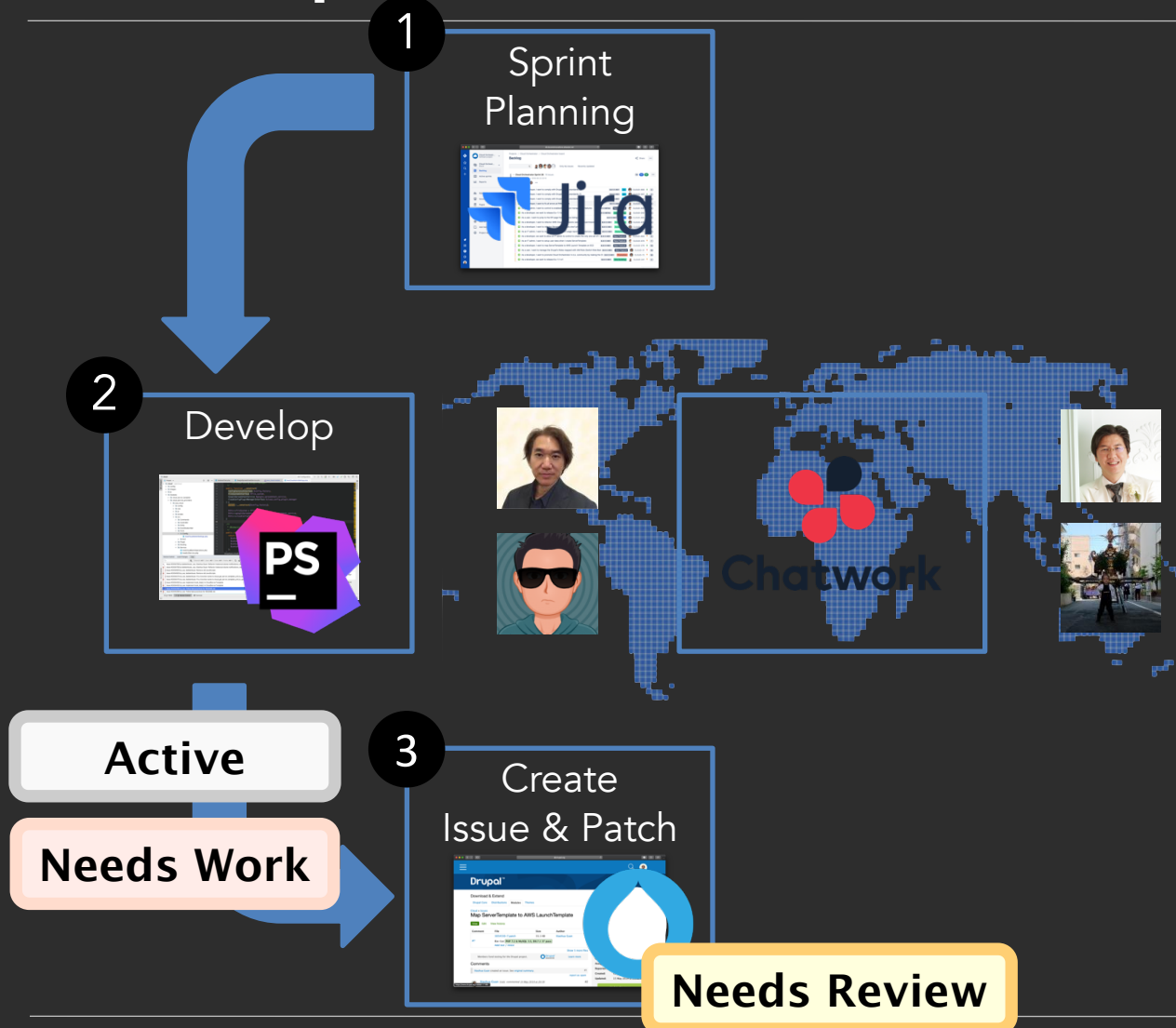
Development Process



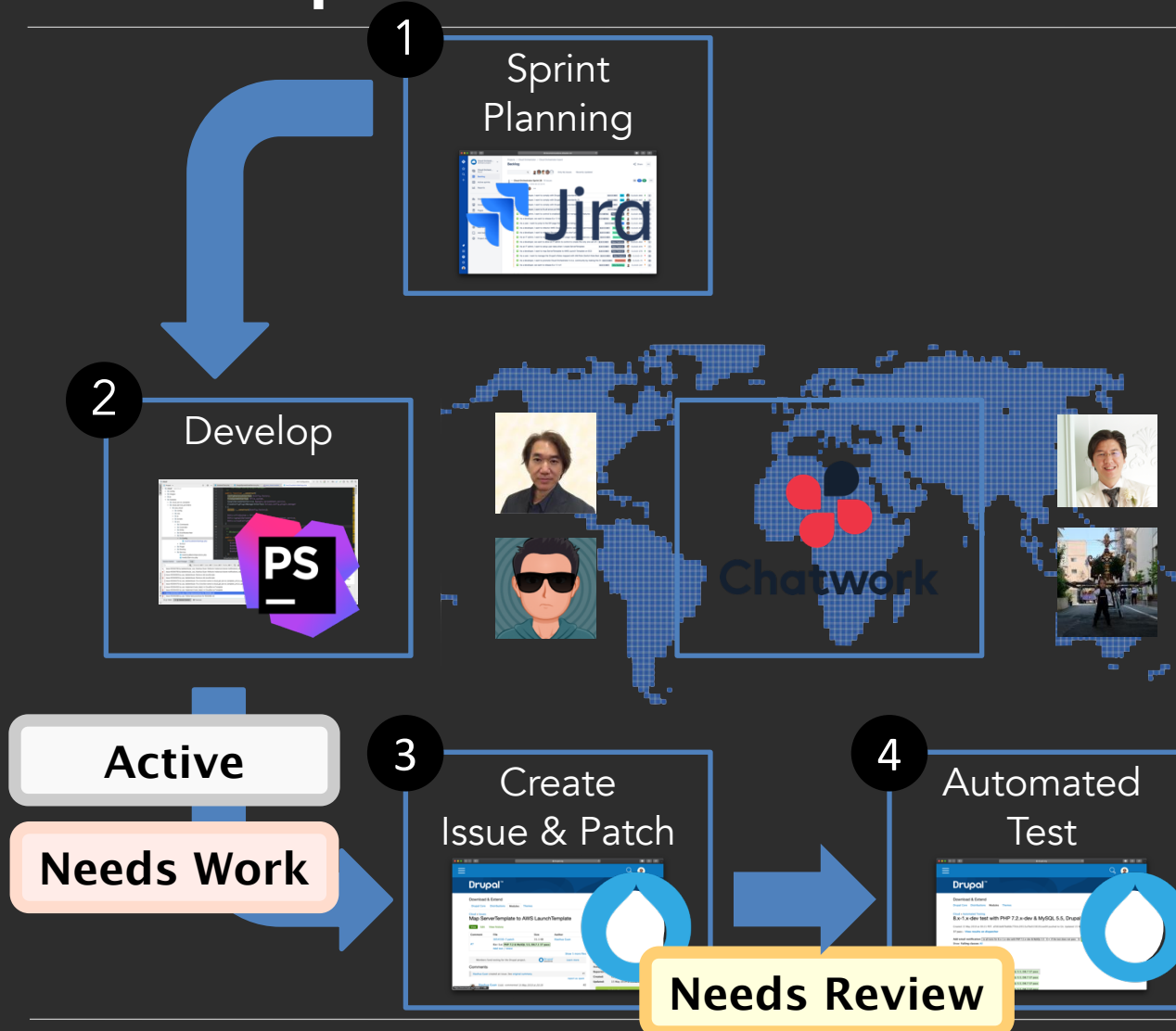
Development Process



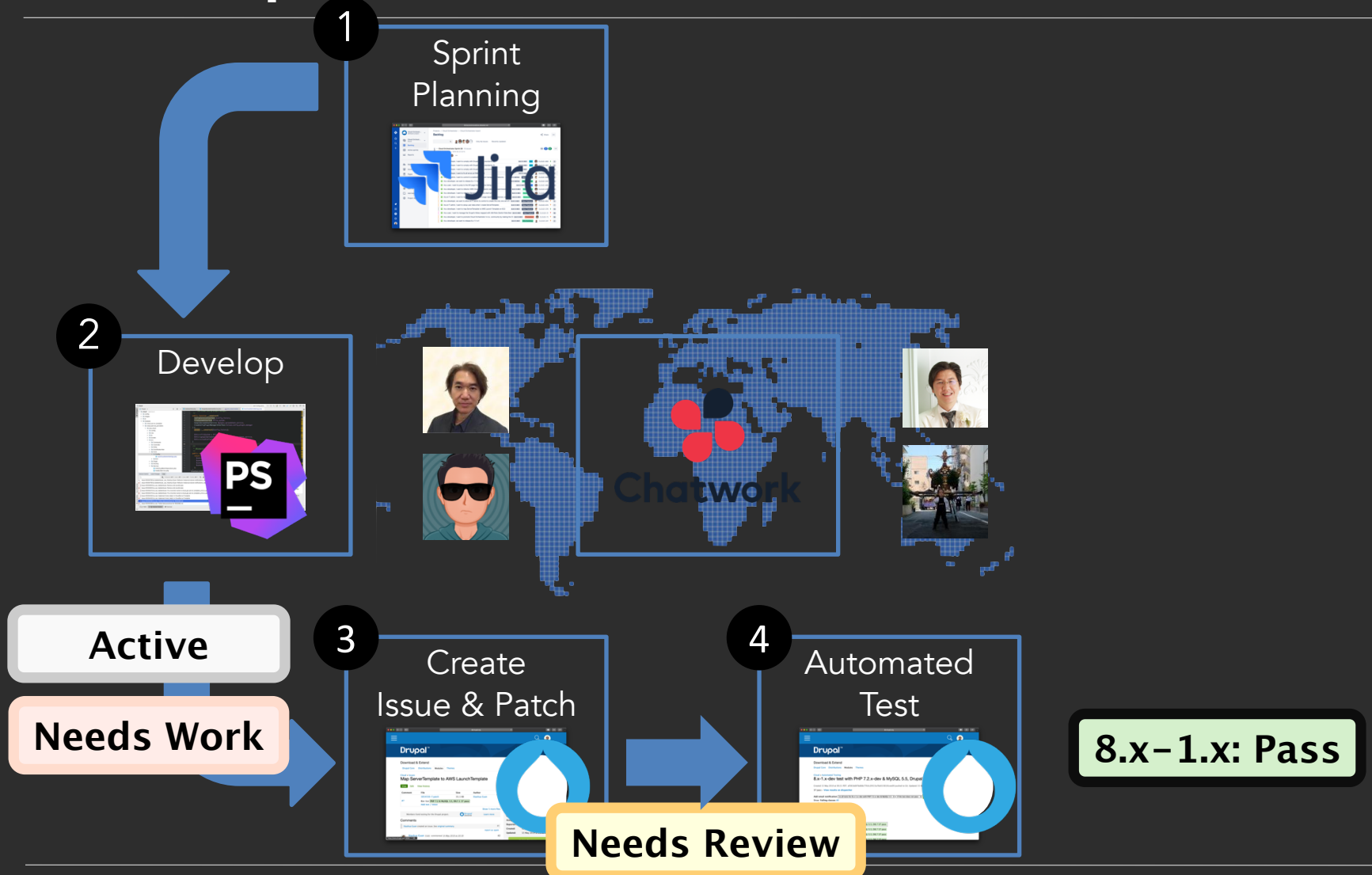
Development Process



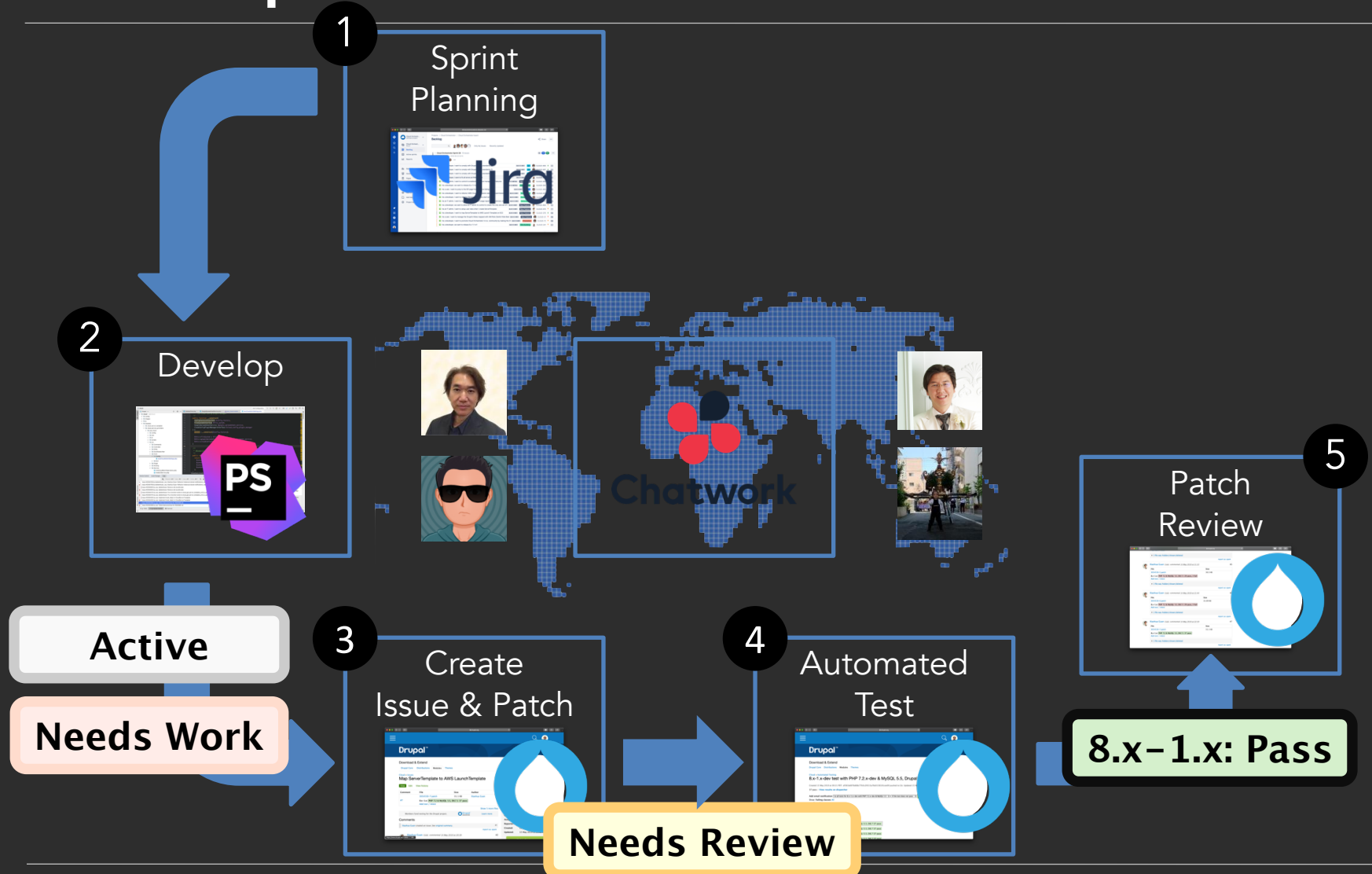
Development Process



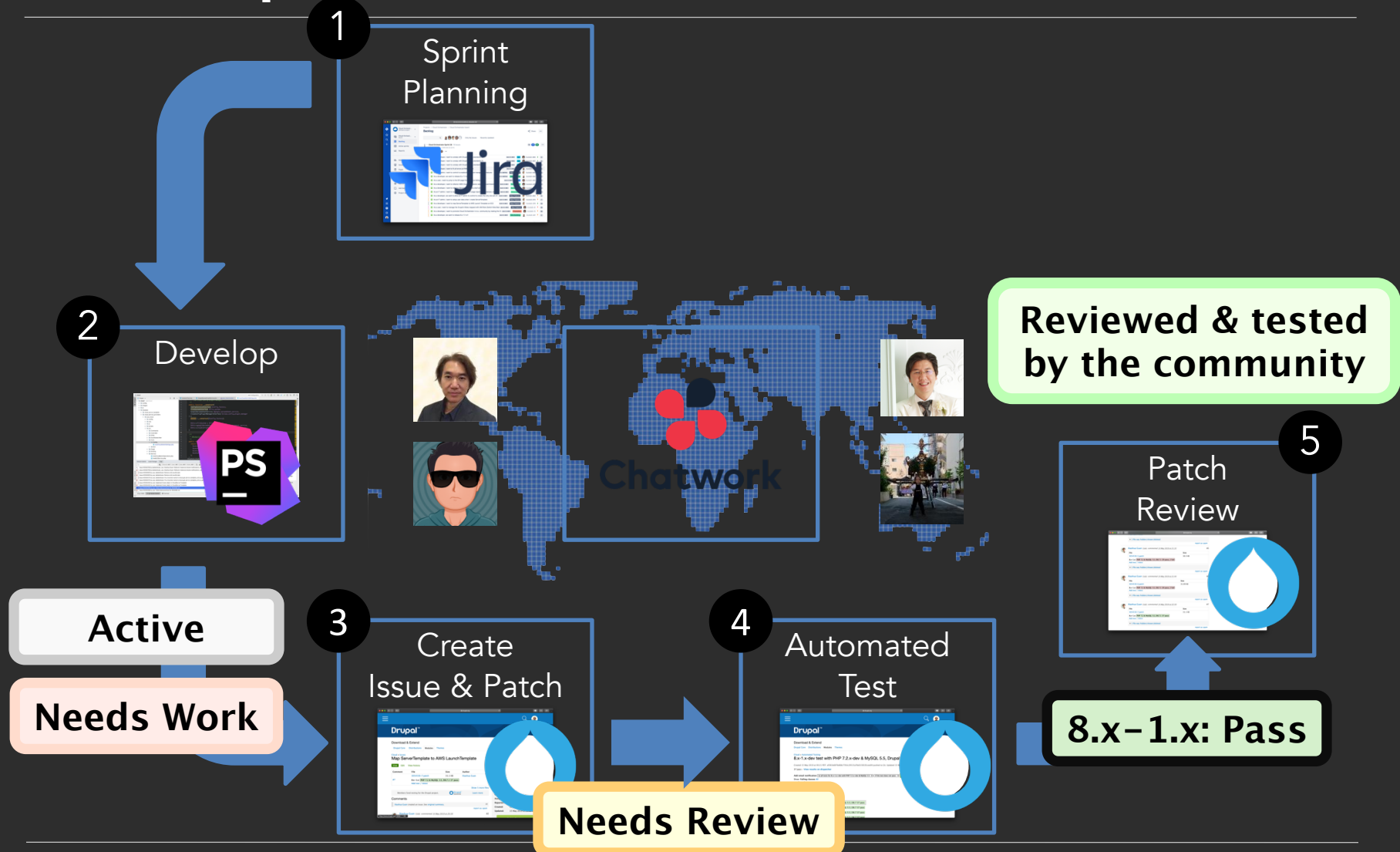
Development Process



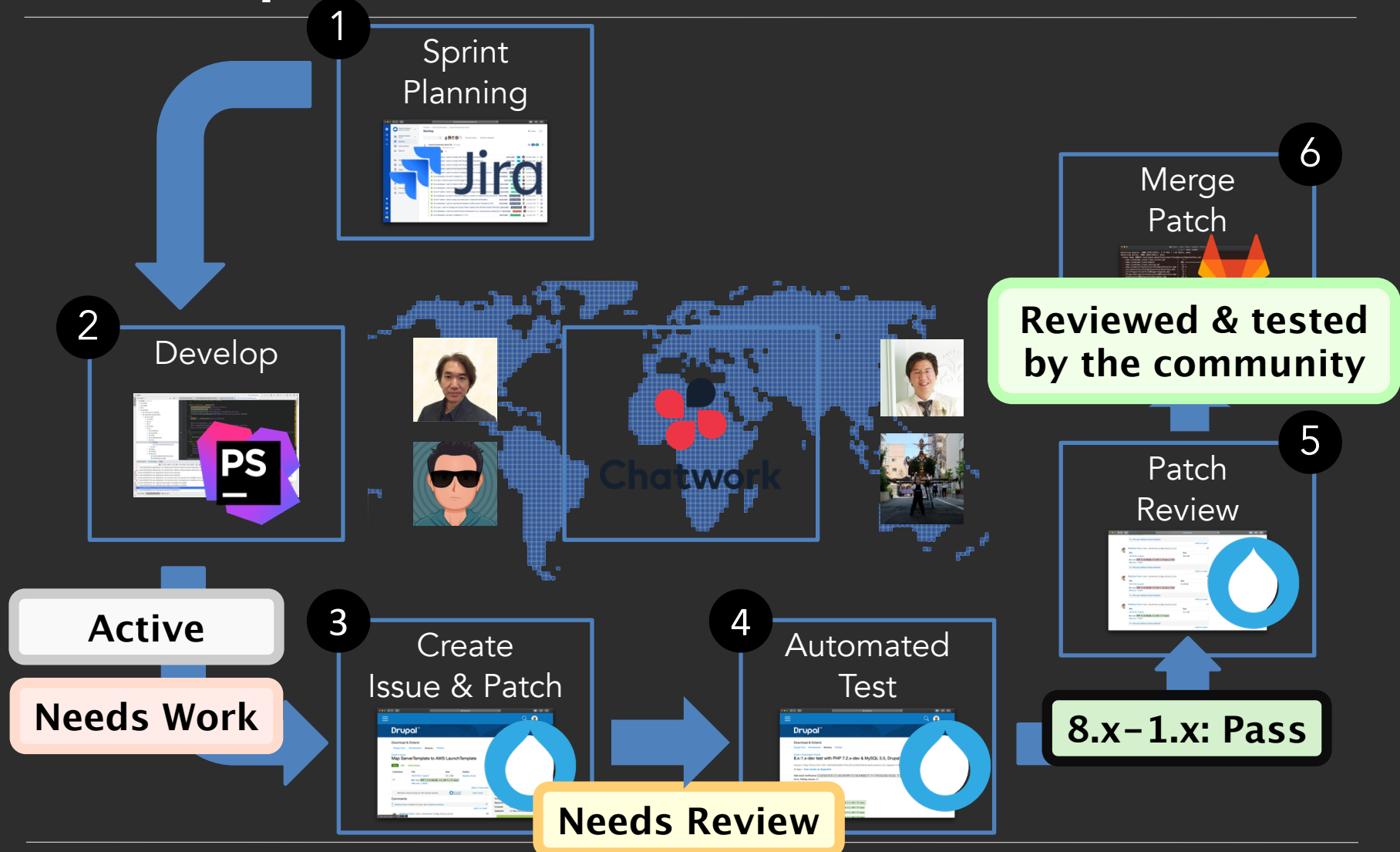
Development Process



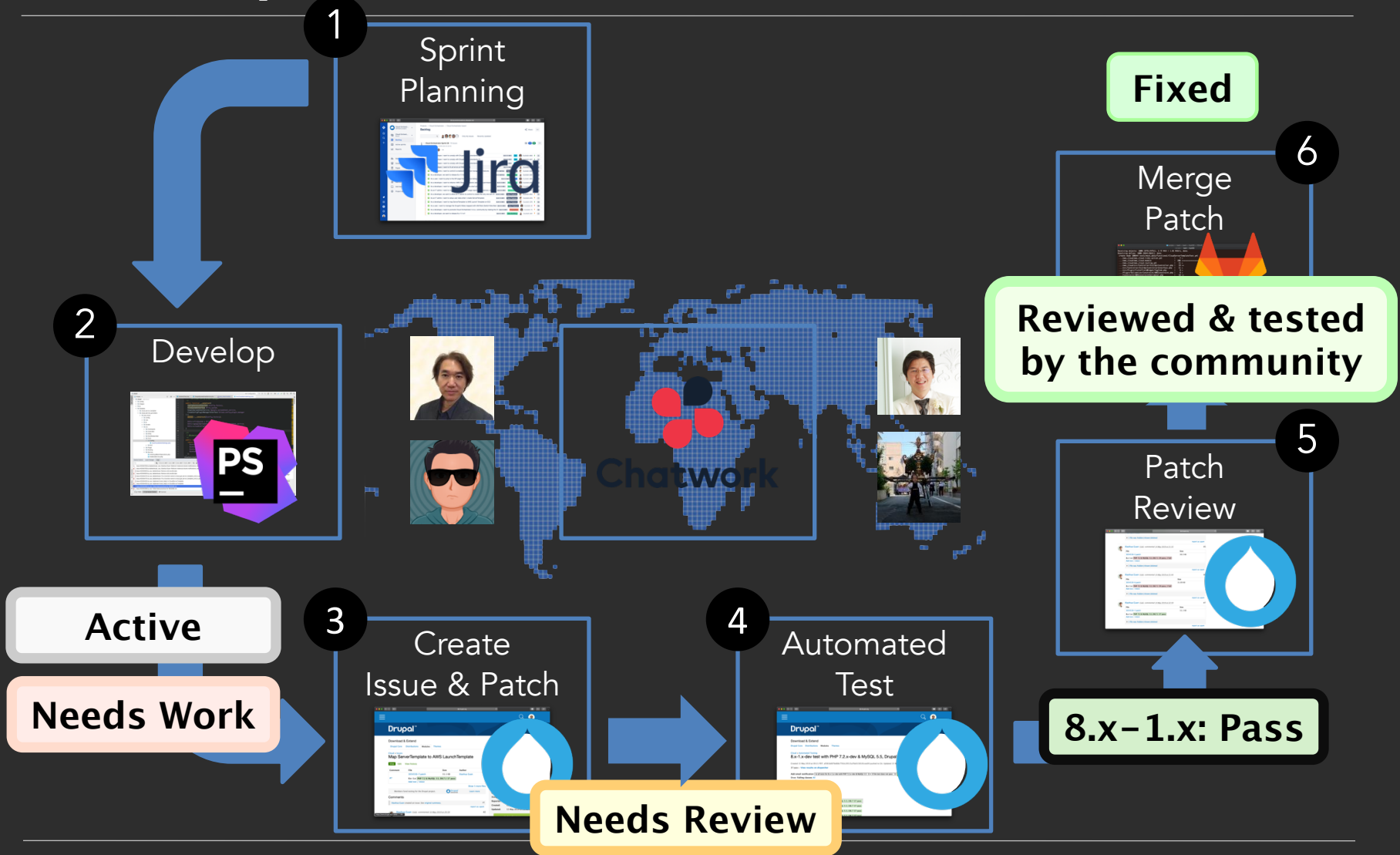
Development Process



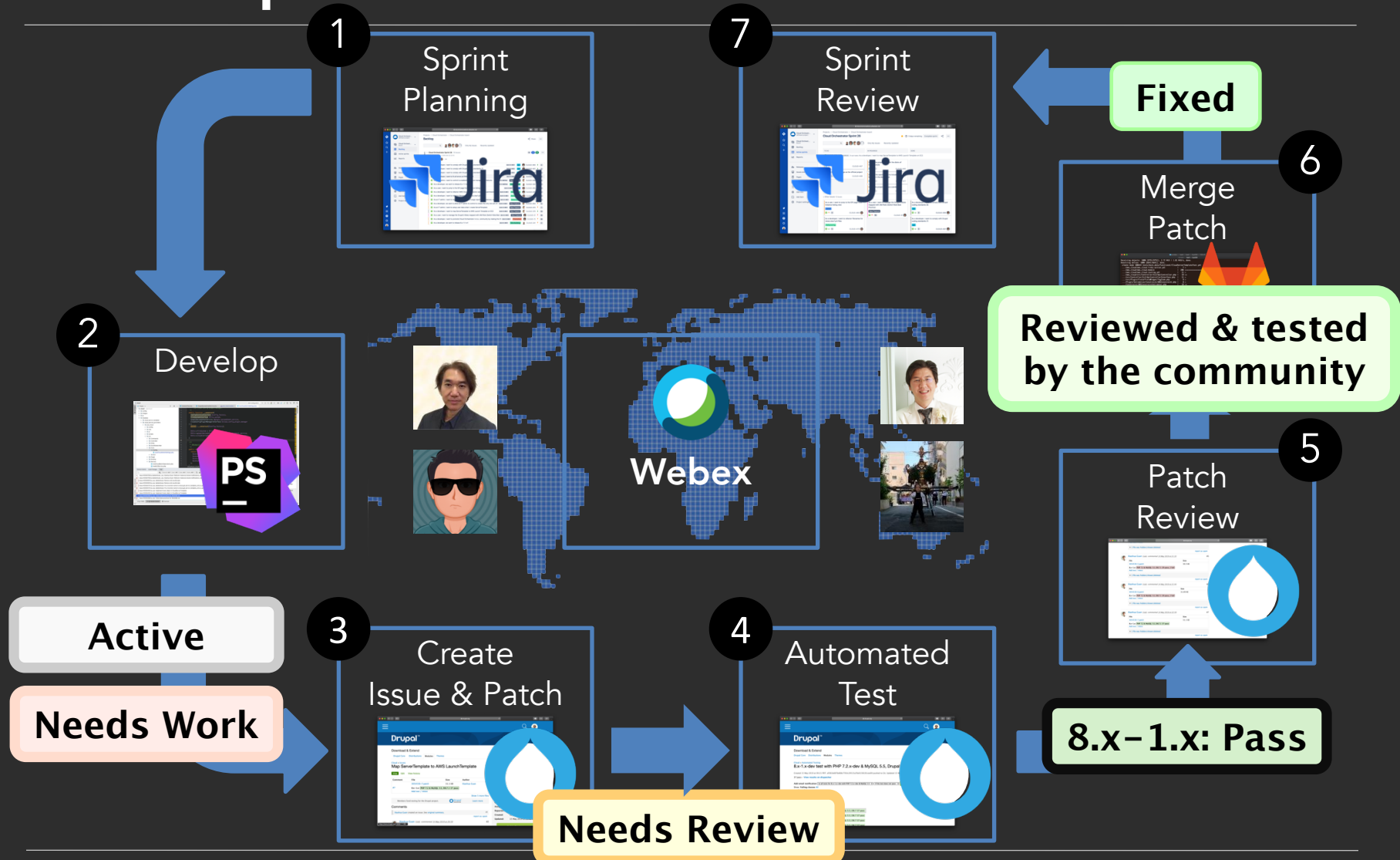
Development Process



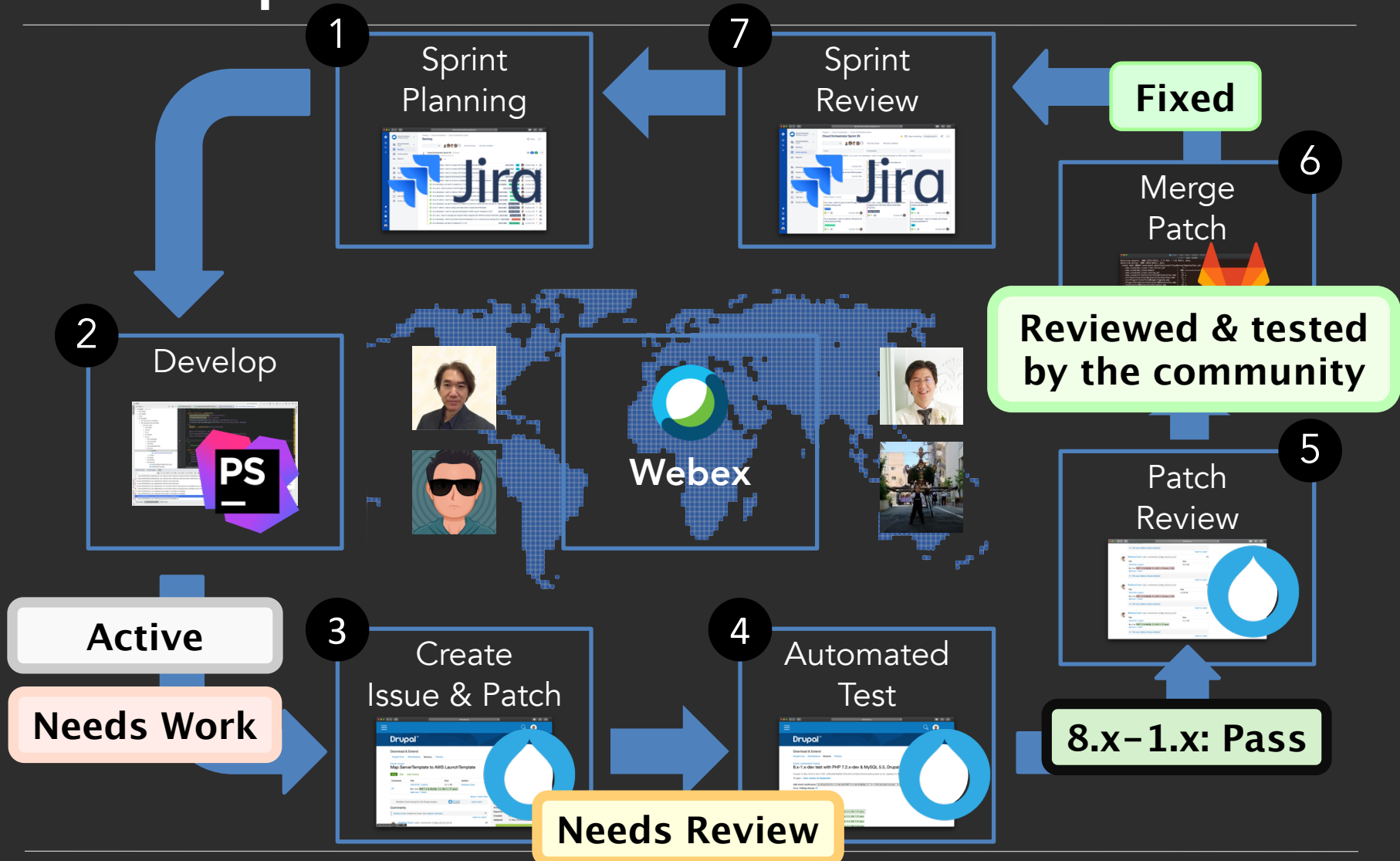
Development Process



Development Process



Development Process



Project Management

Project Management

- Requirements and backlogs
- Sprint review and planning
- Story points
- Software release

Summary

Summary

- Scrum
- Team, Challenge for Time and Space
- Development Cycle and Process
- Agile Software Development by Jira

Thank you!

*"Coming together is a beginning, keeping together is a progress; working together is a success."
- Henry Ford*