

Issues, Epics and Milestones

KEEPING PROJECTS ON TRACK
WITH GITLAB

Presented by: ALBERT HUGHES



Agenda

WHAT WE'RE DISCUSSING TODAY

● **01** What's GitLab?

● **02** How's it different?

● **03** Features and Funtionality

● **04** Use Cases



GitLab

What is
GitLab?

Issues 400

Merge Requests 255

CI / CD

Pipelines

Jobs

Schedules

Environments

41c8965d

Dependency scanning detected 7 vulnerabilities

Pipeline

Jobs 10

Security report 2

Prepare

crop_pictures

enforce_relativ...

Build

build_runner

eslint

lint



The DevOps Platform



Manage



Plan



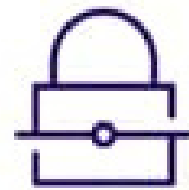
Create



Verify



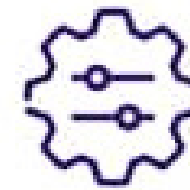
Package



Secure



Release



Configure

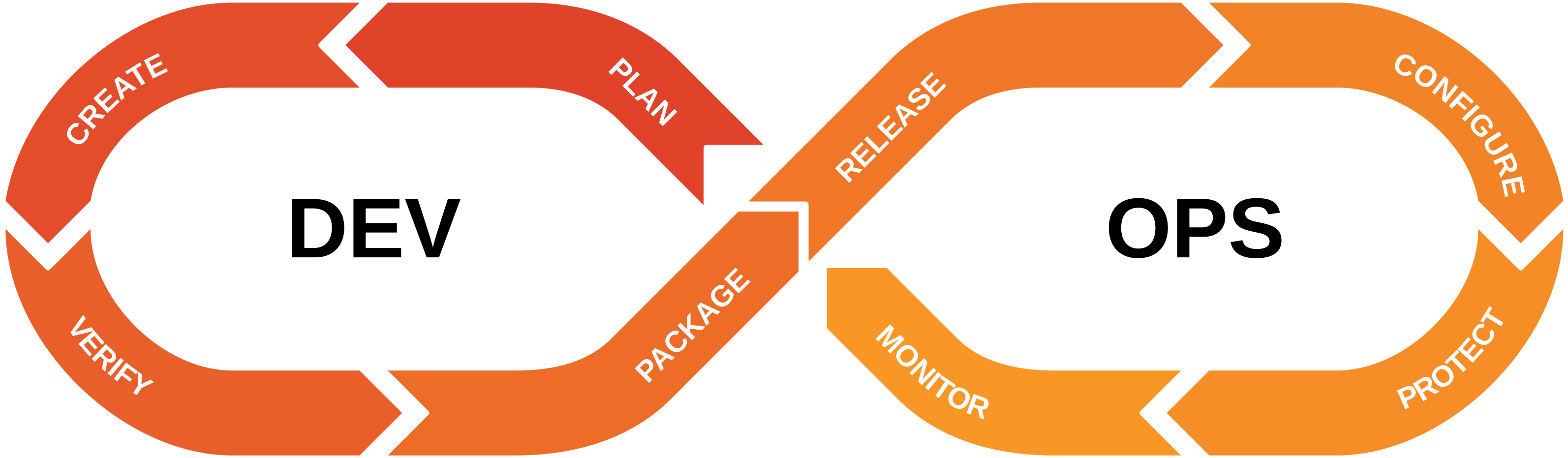


Monitor



Protect

MANAGE



DEV

OPS

SECURE

2011

**Open Source collaboration tool
for programmers**



2021

IPO, Valuation of \$11 Billion





Free

Free-forever features for individual users

\$0

per user/month
No credit card required

[Get started](#)

- Spans the DevOps lifecycle
- Open Source - MIT License
- Bring your own GitLab CI runners
- Includes free static websites
- 5GB storage
- 10GB transfer per month
- 400 CI/CD minutes per month [1]



Premium

Enhance team productivity and coordination

\$19

per user/month
Billed annually at \$228 USD

[Buy GitLab Premium](#)

- ← Features from Free
- + [Faster code reviews](#)
- + [Advanced CI/CD](#)
- + [Enterprise agile planning](#)
- + [Release controls](#)
- + [Self-managed reliability](#)
- 24/7 uptime support
- 10,000 CI/CD minutes per month
- Support



Ultimate

Organization wide security, compliance, and planning

\$99

per user/month
Billed annually at \$1,188 USD

[Buy GitLab Ultimate](#)

- ← Features from Premium
- + [Advanced security testing](#)
- + [Security risk mitigation](#)
- + [Compliance](#)
- + [Portfolio management](#)
- + [Value stream management](#)
- Free guest users
- 50,000 CI/CD minutes per month
- Support

GitLab SaaS

(We host)

No technical setup required.

If you don't want to worry about downloading and installing GitLab yourself.

[Purchase SaaS](#)

GitLab Self-Managed

(You host)

Requires Linux Experience.

Download and install GitLab on your own infrastructure or in our public cloud environment.

[Purchase self-managed](#)

**Goldman
Sachs**

UNIVERSITY *of*
WASHINGTON

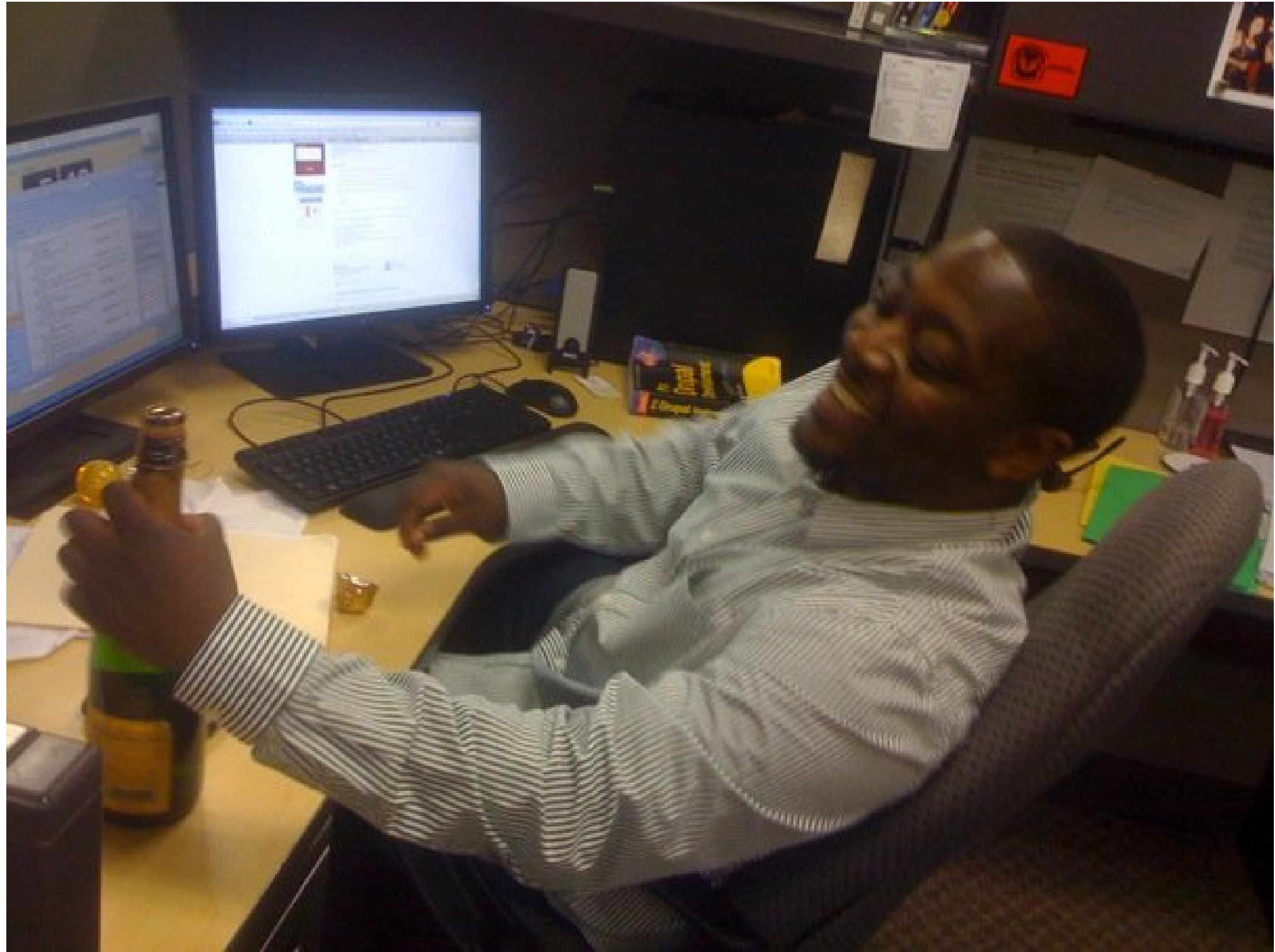


SIEMENS

ticketmaster[®]

































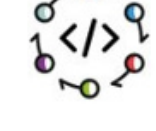














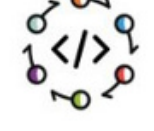









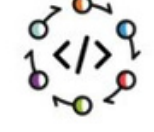





How's it Different?

GITLAB COMPARED TO OTHER
PROJECT MANAGEMENT TOOLS



 **Jira Software** **Bitbucket** **Confluence**
GitHub **ASSEMBLA****unfuddle**



 Manage	 Plan	 Create	 Verify	 Package	 Release	 Configure	 Monitor	 Secure
								
								
								
								
								
								

Features and Functionality

GETTING TO KNOW THE GITLAB PLATFORM

GitLab Terms

● Groups

● Projects

● Issues

● Epics

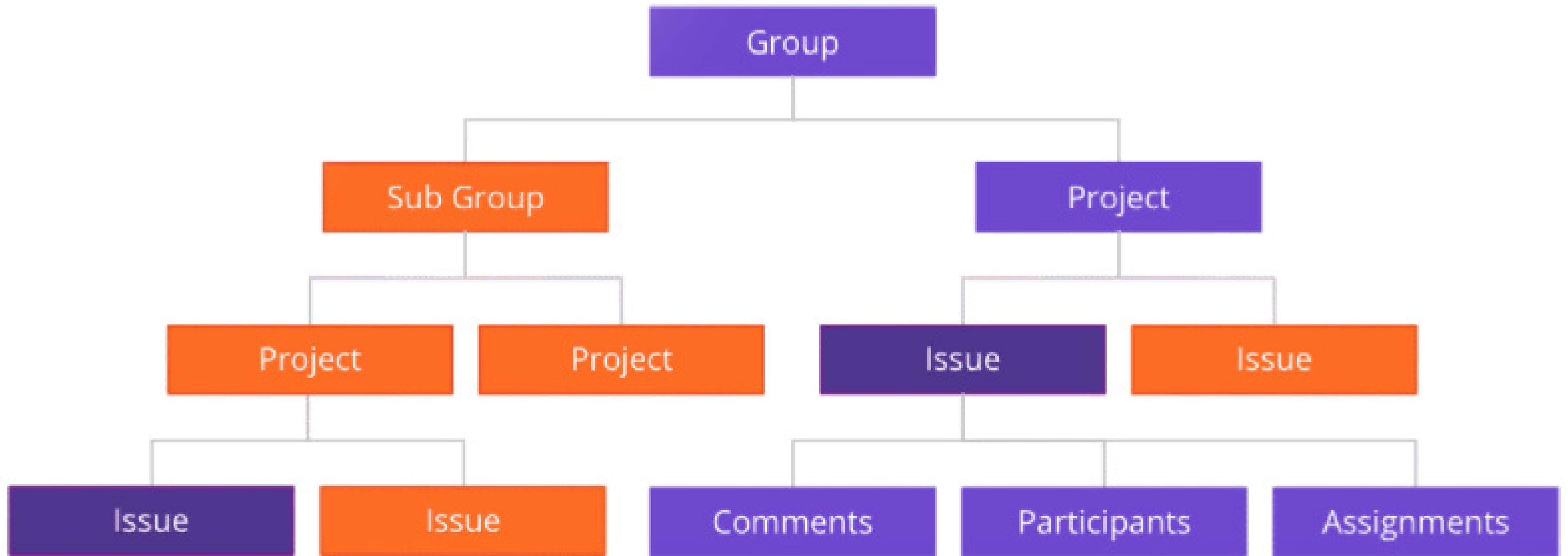
● Milestones

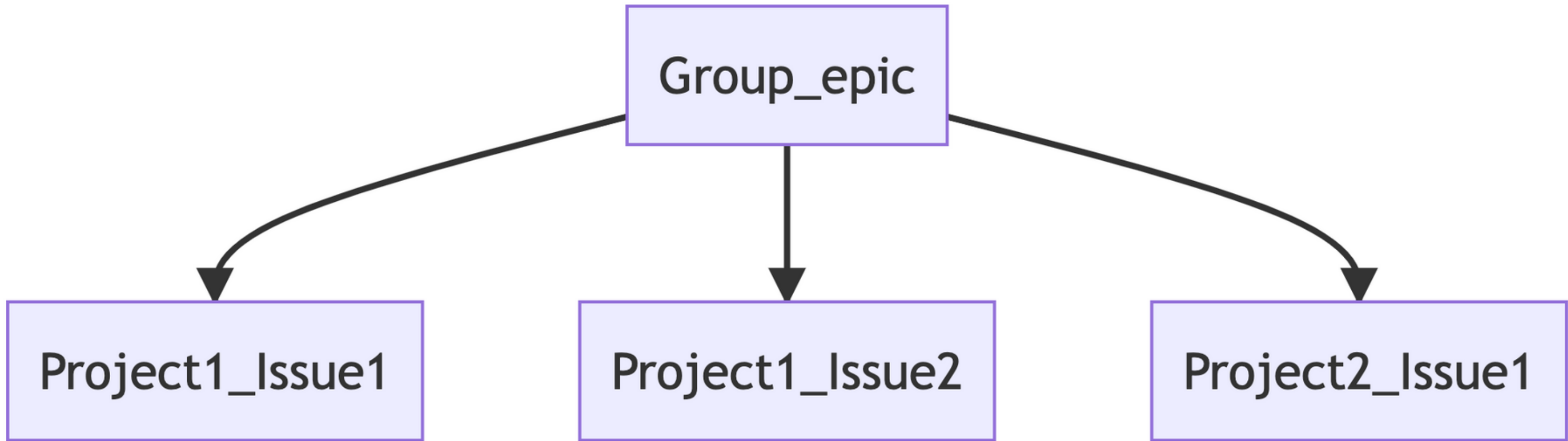
● Iterations

● Labels

● Boards

● Road Maps





Groups

The screenshot displays the GitLab interface for the 'Houston Hoopers' group. The top navigation bar includes the GitLab logo, a menu, a search bar, and utility icons. The left sidebar lists navigation options for the group, such as 'Group information', 'Issues', 'Merge requests', 'Security', 'Kubernetes', 'Packages & Registries', and 'Settings'. The main content area shows the group's profile with its logo, name, and ID (16194668). Below this, there are tabs for 'Subgroups and projects', 'Shared projects', and 'Archived projects'. A list of projects is shown, including 'Houston Hoopers Android App', 'Houston Hoopers iOS app' (with a 'Maintainer' badge), and 'HoustonHoopers.com'. Each project entry includes a bookmark icon, a star icon with a count of 0, and a timestamp.

Project Name	Stars	Time
Houston Hoopers Android App	0	37 minutes ago
Houston Hoopers iOS app (Maintainer)	0	1 hour ago
HoustonHoopers.com	0	1 hour ago

Projects

The screenshot displays the GitLab web interface for a project named "Houston Hoopers iOS app". The interface includes a top navigation bar with the GitLab logo, a search bar, and user profile information. A left sidebar contains a navigation menu with options like "Project information", "Repository", "Issues", "Merge requests", "CI/CD", "Security & Compliance", "Deployments", "Monitor", "Infrastructure", "Packages & Registries", "Analytics", "Wiki", "Snippets", and "Settings".

The main content area shows the project details for "Houston Hoopers iOS app". It includes the project name, Project ID (33864061), and a "Leave project" link. Statistics show 1 commit, 1 branch, 0 tags, 2.4 MB files, and 2.4 MB storage. A description states: "A ready-to-go template for Swift-based iOS development." Below this, there are buttons for "History", "Find file", "Web IDE", "Clone", and a dropdown menu. A section titled "Initial template creation" shows the commit hash "a804df14".

At the bottom, there are buttons for "Upload File", "README", "Add LICENSE", "Add CHANGELOG", "Add CONTRIBUTING", "Enable Auto DevOps", "Add Kubernetes cluster", "Set up CI/CD", and "Configure Integrations". A table lists the project's files and their last commit information.

Name	Last commit	Last update
📁 iOSTemplate.xcodeproj	Initial template creation	2 years ago
📁 iOSTemplate	Initial template creation	2 years ago

Issues

Title My Issue Title

Add [description templates](#) to help your contributors communicate effectively!

Description

Write **Preview**

This is my issues' description, written in markdown (GitLab Flavored Markdown).

This is an `<h3>`

Let's quote someone here

Add a task list:

- Task 1
- Task 2

Mention merge requests ([gitlab-test!2](#)) and issues ([gitlab-test#19](#)) and hover over them to see their titles.

This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee Unassigned

[Assign to me](#)

Weight

7

Epic

Epic

Due date

2020-06-04

Milestone

Milestone

Labels

P1

Submit issue

Please review the [contribution guidelines](#) for this project.

Epics

The screenshot displays the GitLab interface for an Epic. The top navigation bar includes the GitLab logo, navigation menus for Projects, Groups, and More, a search bar, and notification icons. The left sidebar shows the 'Gitlab Org' navigation menu with options like Group overview, Epics (16), Issues (17), Merge Requests (17), Security & Compliance, Kubernetes, Packages & Registries, Analytics, Members, and Settings.

The main content area shows the 'Parent Epic 1' page. At the top, it indicates the epic is 'Open' and was 'Opened 3 months ago by Chase Littell'. Below this is the 'Epic description' section, which is currently empty. A summary bar shows 'Epics and Issues' with a 'Roadmap' view option. The summary includes 8 epics, 10 issues, 2 issues on track, 2 issues needing attention, and 0 issues at risk.

The list of child epics and issues is as follows:

- Child Epic** (gitlab-org&3): 3 epics, 0 issues
- No end date child epic - Level 2** (gitlab-org&6): 1 epic, 0 issues
- Child Epic Level 2** (gitlab-org&15): 0 epics, 0 issues
- Child Epic 2 - Level 1** (gitlab-org&7): 0 epics, 1 issue (1 on track, 0 need attention, 0 at risk)
- Child Epic 1 - Level 1** (gitlab-org&9): 0 epics, 1 issue
- Child Epic 3 - Level 1** (gitlab-org&4): 0 epics, 2 issues (0 on track, 1 need attention, 0 at risk)
- Child Epic 5 - Level 1** (gitlab-org&2): 0 epics, 5 issues (1 on track, 1 need attention, 0 at risk)
- Test issue** (gitlab-org/gitlab-test#35)

At the bottom of the main content area, there are thumbs up/down icons (both at 0) and a 'Show all activity' dropdown.

The right sidebar contains the 'To Do' section with an 'Add a To Do' button. It lists 'Start date' (Fixed: Mar 26, 2020) and 'Due date' (Fixed: May 21, 2020), both with 'Inherited: None' labels. It also shows 'Labels' (Aftercell, Cobalt, Genpod, Scoped label), 'Ancestors' (None), '2 participants' (two user avatars), and a 'Notifications' toggle switch.

Milestones

charts > GitLab > Milestones

Open 8 Closed 36 All 44

Due soon ▾

New milestone

Open Milestone %8 Mar 18, 2017–Apr 7, 2017

Sprint - Iste occaecati quam faci

Dignissimos voluptatibus sit dolorem vero.

Burndown Chart

Issues Issue Weight



Milestone	Issues	Merge Requests	Completion	Actions
0.0.37 Jul 17, 2018–Jul 24, 2018	11	10	61% complete	Close Milestone
0.0.38 Jul 24, 2018–Jul 31, 2018	0	0	0% complete	Close Milestone
Week 39 Jul 31, 2018–Aug 7, 2018	0	0	0% complete	Close Milestone

107
20

Labels

- CS Top 10 (2018CQ3)
- CSAT-Priority 1
- CSAT-Priority 2
- CSAT-Priority 3
- CSS Component

All Subscribed

Labels can be applied to issues and merge requests.
Star a label to make it a priority label. Order the prioritized labels to change their relative priority, by dragging.

Prioritized Labels

critical	Issues · Merge requests	Prioritized label	Project label	★	✎	⋮	<input type="button" value="Subscribe"/>
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Other Labels

bug	Issues · Merge requests	Project label	★	✎	⋮	<input type="button" value="Subscribe"/>
confirmed	Issues · Merge requests	Project label	☆	✎	⋮	<input type="button" value="Subscribe"/>
discussion	Issues · Merge requests	Project label	☆	✎	⋮	<input type="button" value="Subscribe"/>
documentation	Issues · Merge requests	Project label	☆	✎	⋮	<input type="button" value="Subscribe"/>

Prioritize

Boards

Gitlab Org > Issue Boards

Development Show labels Group by None

> Open 56 10 +

- Milestones swimlanes
Doing dev plan
gitlab-org/gitlab-test#80 Jun 17 4
- Assign issue to epic
To Do backend
gitlab-org/gitlab-test#45
- Create group
To Do
gitlab-org/gitlab-test#78 3
- Remove issue from board
To Do
gitlab-org/gitlab-shell#38
- Add lists for assignees and milestones
To Do
gitlab-org/gitlab-shell#2

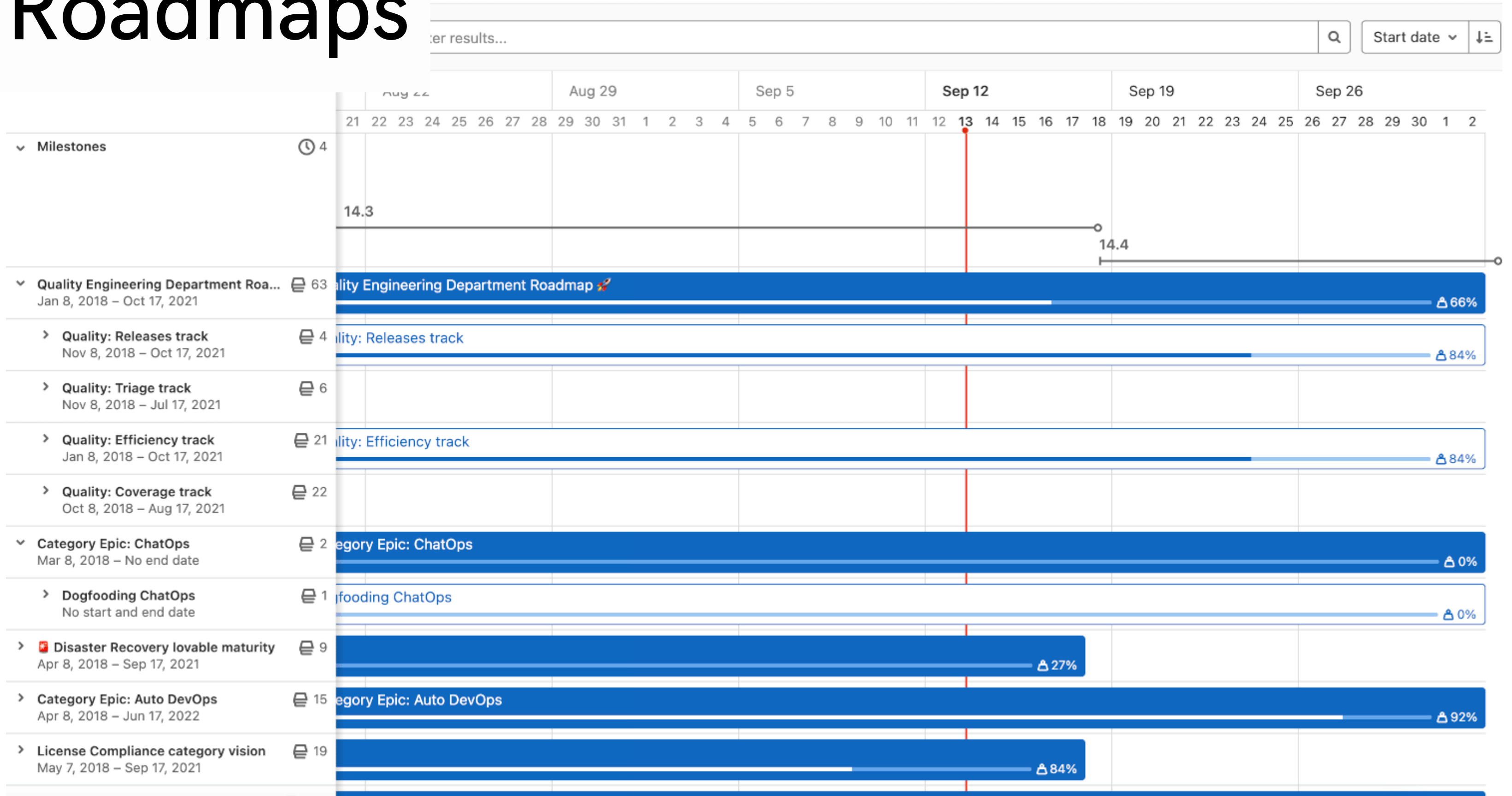
> Deliverable 32 8 + ⚙

- Update issue due date from sidebar
To Do frontend
gitlab-org/gitlab-test#54
- Update issue's labels from sidebar
To Do frontend
gitlab-org/gitlab-test#55
- Update issue labels
Doing
gitlab-org/gitlab-test#75
- Drag and drop issue between epics
To Do frontend
gitlab-org/gitlab-test#33
- Paginate issues in Swimlanes
To Do
gitlab-org/gitlab-test#39

> Closed 59 2

- Persist collapsed state of Swimlanes
Deliverable test test
Dec 30, 2020 1w 2
gitlab-org/gitlab-test#32
- Remove list from board
Caliber Colorado Doing feature proposal
gitlab-org/gitlab-test#44
- Remove issue from Swimlane
To Do frontend
gitlab-org/gitlab-test#36
- Expand diff to entire file
Premium To Do dev manage frontend
gitlab-org/gitlab-test#25
- Laboriosam commodi ab in eum qui suscipit necessitatibus modi fuga.
Deliverable frontend

Roadmaps



Use Cases and Examples

KEEPING PROJECTS ON TRACK
WITH GITLAB

Organization	Client Name
Project	Platform, Static Help Docs, Marketing Library
Issues	Ideas, Tasks, Requests, Bugs, User Stories
Epics	Features, Components
Milestones	4-5 Week Phases
Iterations	Weekly Sprints
Labels	Work Type, MR review statuses, Epic types, SOW
Boards	Epic - By Phase, Issue - FE, BE, DO, Design, Team, Planning

Thank you!

@AHUGHES3
AHUGHES.BIZ

