

Experiment : 1

The screenshot shows the Jira interface for a project named 'ChanikyaFirstProject'. The left sidebar contains navigation options: PLANNING (Timeline, Board, List, Forms, Goals, Add view), DEVELOPMENT (Code, Project pages, Project settings, Archived work items...), and a 'You're in a company-managed project' notice. The main area displays the 'KAN board' for 'My Kanban Project'. It features a search bar, user avatars, and buttons for 'Import work', 'Insights', and 'View settings'. The board is divided into three columns: 'TO DO 3', 'IN PROGRESS 1', and 'DONE 2'. The 'TO DO' column has a 'Turn on unassigned filter' button and three tasks: 'Read the bible' (KAN-1), 'Do exercise' (KAN-2), and 'Do coding' (KAN-3). The 'IN PROGRESS' column is empty. The 'DONE' column contains one task: 'Did the exercise' (KAN-6).

Experiment no : 2

The screenshot shows the Jira interface for a project named 'Saveetha Placements'. The left sidebar contains navigation options: PLANNING (SP board, Timeline, Backlog, Active sprints, Calendar, Reports), DEVELOPMENT (List, Goals, Issues), and a 'You're in a company-managed project' notice. The main area displays the 'List' view for 'Saveetha Placements'. It features a search bar, user avatars, and buttons for 'Share', 'Filter', 'Group', and 'More'. A table lists four issues:

	Type	#	Key	Summary	Sta
<input type="checkbox"/>	Issue	SP-1	Hiring Fullstack developers	TO DO	
<input type="checkbox"/>	Issue	SP-2	Aptitude round	TO DO	
<input type="checkbox"/>	Issue	SP-3	Technical Round	TO DO	
<input type="checkbox"/>	Issue	SP-4	Final Selection Round	TO DO	

Below the table is a '+ Create' button. On the right, a 'Quickstart' sidebar provides instructions on how to create a project, issue, and get started with the list.

Experiment no : 5

AutoSaveOffLibrary_Management_System_MOS...Search

FileHomeInsertPage LayoutFormulasDataReviewViewHelp

PasteClipboard

Calibri11A⁺⁺
B*I*U
Font

Align Center

Wrap Text

Merge & Center

Alignment

General
100%
Number

Conditional FormattingFormat as TableCell Styles
Styles

InsertDeleteFormat
Cells

Σ
Sort & Filter
Editing

CommentsShare
Add-ins

A1Requirement

	A	B	C	D	E	F
	Requirement	Category (MOSCOW)	Justification			
1						
2	Search books by title and author	Must-Have	Essential functionality for basic library operations and user experience.			
3	Implement an online book reservation system	Must-Have	Core feature for enabling efficient book lending and user satisfaction.			
4	Generate monthly reports on borrowed books for administrators	Should-Have	Provides valuable insights but is secondary to the basic operation of the system.			
5	Enable email notifications for overdue books	Should-Have	Improves user experience and reduces overdue cases, but not critical for system launch.			
6	Add support for QR code scanning for borrowing and returning books	Could-Have	Enhances efficiency but requires additional hardware and development effort.			
7	Create a user-friendly dashboard for librarians	Must-Have	Necessary for managing library operations effectively.			
8	Allow users to review and rate books	Could-Have	Adds value for users but does not affect the core functionality of the library system.			
9	Integrate a chatbot for user assistance	Could-Have	Improves user engagement but is non-essential for initial deployment.			
10	Develop a mobile app version of the system	Should-Have	Increases accessibility but can be delayed if resources are limited.			
11	Provide multi-language support	Won't-Have	Desirable for diverse user bases but can be deprioritized for now due to resource and time constraints.			
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28						
29						
30						

Sheet1

ReadyAccessibility: Good to go

ENG IN

08:56

19-12-2024

Experiment 9 :

```
PS C:\Users\chani\Akash-and-team> git checkout -b feature-branch-name
Switched to a new branch 'feature-branch-name'
PS C:\Users\chani\Akash-and-team> git add .
PS C:\Users\chani\Akash-and-team> git commit -m "Your descriptive commit
message"
Author identity unknown

*** Please tell me who you are.

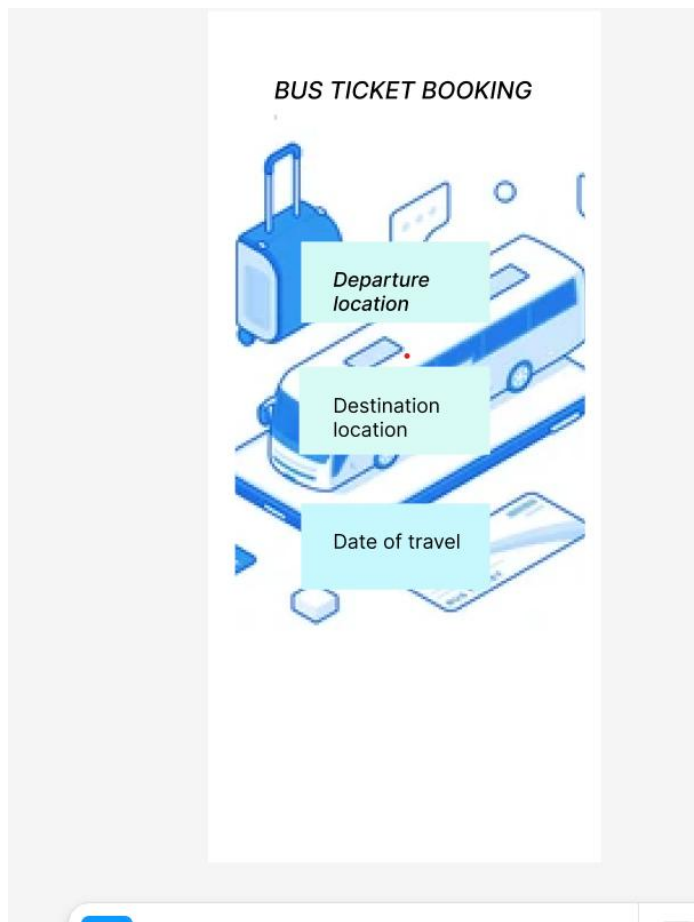
Run

    git config --global user.email "you@example.com"
    git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'chani@Asus.(none)')
PS C:\Users\chani\Akash-and-team> git config --global user.name "Chaniky
aMysur"
PS C:\Users\chani\Akash-and-team> git config --global user.email "chanik
yamysur@gamil.com"
PS C:\Users\chani\Akash-and-team>
PS C:\Users\chani\Akash-and-team> git config --global user.email "chanik
yamysur@gmail.com"
PS C:\Users\chani\Akash-and-team> git config --global --list
user.name=ChanikyaMysur
user.email=chanikyamysur@gmail.com
PS C:\Users\chani\Akash-and-team> git commit -m "Your descriptive commit
message"
On branch feature-branch-name
nothing to commit, working tree clean
PS C:\Users\chani\Akash-and-team> git status
On branch feature-branch-name
nothing to commit, working tree clean
```

Experiment 2:



SOURCE



DESTINATION

DATE

BUSES AVAILABLE

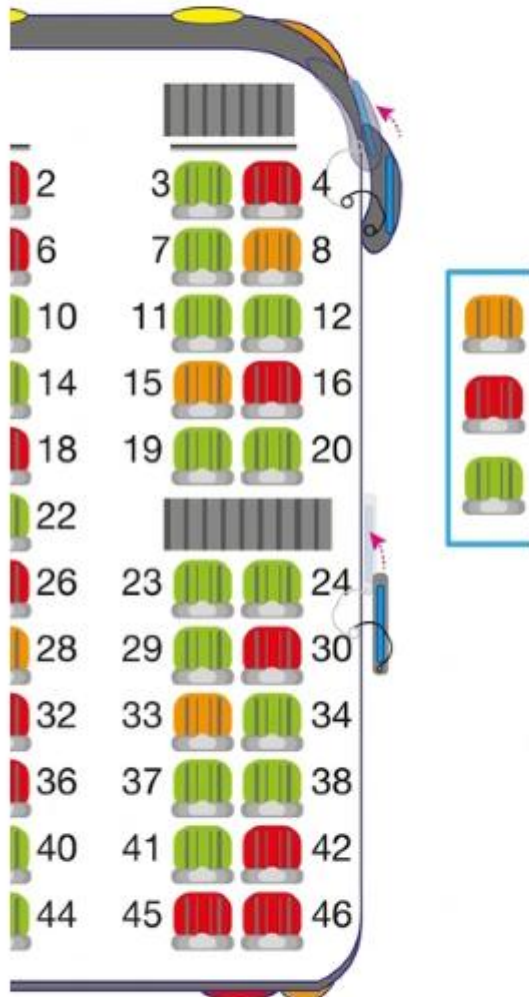
BUS NO/TIMINGS/FARE/SEATS AVAILABLE

BUS NO/TIMINGS/FARE/SEATS AVAILABLE

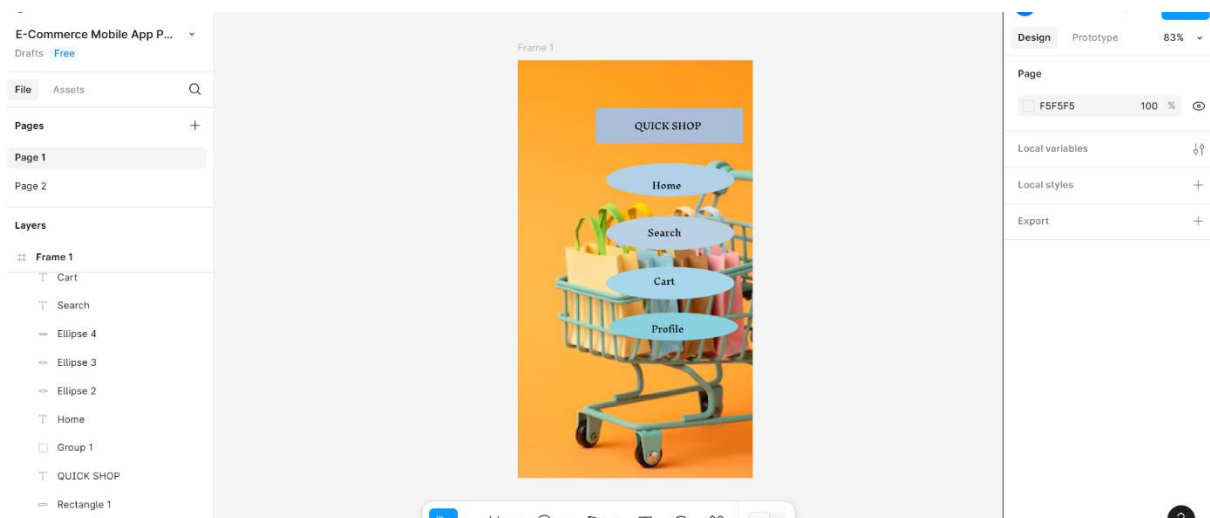
BUS NO/TIMINGS/FARE/SEATS AVAILABLE



SEATING ALLOCATION



Experiment 3:



Experiment 4:

The screenshot shows the Jira interface for a project named 'experiment3'. The left sidebar contains navigation options: 'experiment3 Software project', 'PLANNING' (Timeline, Backlog, Board, Forms, Add view), 'DEVELOPMENT' (Code, Project pages, Project settings), and a 'Transform insights into action plans' button. The main area displays 'EX Sprint 1' with the description 'is develop API page with given tasks'. It features a search bar, user avatars, and a 'GROUP BY' dropdown set to 'None'. The board has three columns: 'TO DO 7', 'IN PROGRESS', and 'DONE ✓'. The 'TO DO' column contains three tasks: 'Design the homepage layout.' (EX-5), 'develop api for login page' (EX-3), and 'create user registration page' (EX-2). The 'DONE' column is empty. A 'Quickstart' button is visible in the bottom right.

This screenshot shows the 'EX Sprint 1' board in more detail. The 'TO DO' column has a '+ Create issue' button and is empty. The 'IN PROGRESS 4' column contains three tasks: 'Design the homepage layout.' (EX-5), 'develop api for login page' (EX-3), and 'Implement password reset functionality.' (EX-6). The 'DONE 2 ✓' column contains two tasks: 'create user reigstration page' (EX-1) and 'create the database' (EX-4). The interface includes a search bar, user avatars, a 'GROUP BY' dropdown set to 'None', and a 'Quickstart' button.

Experiment 5:

The screenshot displays the Jira interface for the 'Library Management ex5' project. The left sidebar shows navigation options: 'Library Management ex5 Software project', 'PLANNING' (Timeline, Backlog, Board, Forms, Add view), 'DEVELOPMENT' (Code, Project pages, Project settings), and a 'Transform insights into action plans' button. The main area shows the 'Backlog' view with a search bar, user avatars, and a 'GROUP BY' dropdown set to 'None'. The backlog is organized into two sections: 'LME Sprint 1' (5 issues) and 'Backlog' (5 issues). The 'LME Sprint 1' section contains five issues: 'LME-1 Search books by title and author', 'LME-2 Online book reservation system', 'LME-3 Generate monthly reports on borrowed books for administrators', 'LME-4 Enable email notifications for administrators', and 'LME-5 Create a user-friendly dashboard for librarians'. The 'Backlog' section contains five issues: 'LME-7 Multi-language support', 'LME-8 Integrate a chatbot for user assistance', 'LME-9 Develop a mobile app version of the system', 'LME-10 QR code scanning for borrowing and returning books', and 'LME-11 Implement a feature for advanced analytics on user data'. A sidebar on the right shows details for the 'Online book reservation system' issue, including a description, assignee, labels, parent, team, sprint, and story point.

Jira

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Library Management ex5

Software project

PLANNING

Timeline

Backlog

Board

Forms

Add view

DEVELOPMENT

Code

Project pages

Project settings

Archived issues

NEW

Transform insights into action plans

Try Jira Product Discovery

Projects / Library Management ex5

LME Sprint 1

Q Search

Label

5 days

Complete sprint

GROUP BY: None

Insights

View settings

TO DO 3

Develop a mobile app version of the system

Could-Have

LME-9

QR code scanning for borrowing and returning books

Could-Have

LME-10

Implement a feature for advanced analytics on user data

Won't-Have

LME-11

IN PROGRESS 3

Allow users to review and rate books

Should-Have

LME-6

Multi-language support

Should-Have

LME-7

Integrate a chatbot for user assistance

Should-Have

LME-8

DONE 5

Online book reservation system

Must-Have

LME-2

Search books by title and author

Must-Have

LME-1

Enable email notifications for overdue books

Must-Have

LME-4

Generate monthly reports on borrowed books for administrators

Must-Have

LME-3

Create a user-friendly dashboard for librarians

Must-Have

EXPERIMENT -4				
Requirement	MOSCOW Category	Justification		
Search books by title and author	Must-Have	Core feature needed for users to locate books effectively; critical for functionality.		
Online book reservation system	Must-Have	Essential for providing convenient access to books for users.		
Generate monthly reports on borrowed books	Should-Have	Important for administrators to track usage, but the system can function initially without it.		
Email notifications for overdue books	Should-Have	Enhances user experience by automating reminders, but not critical.		
QR code scanning for borrowing/returning	Could-Have	Nice feature for efficiency, but traditional methods can be used as an alternative.		
User-friendly dashboard for librarians	Must-Have	Ensures efficient operation by librarians; critical for system usability.		
Review and rate books	Could-Have	Encourages user engagement but does not impact core system functionality.		
Chatbot for user assistance	Could-Have	Helpful for user support but not essential for the core system.		

Experiment 6:

Just a moment ago

1 min read

See how many people viewed this page

Add a brief introduction describing the project, such as:

This page tracks the development progress of the Library Management System, including key tasks and overall progress.

Type	Key	Summary	Assignee	Priority	Status	Updated
<input checked="" type="checkbox"/>	RCZQ-3	password reset		Medium	TO DO	Dec 12, 2024, 10:53
<input checked="" type="checkbox"/>	RCZQ-2	registration page		Medium	TO DO	Dec 12, 2024, 10:53
<input checked="" type="checkbox"/>	RCZQ-1	api design		Medium	TO DO	Dec 12, 2024, 10:53
<input checked="" type="checkbox"/>	SE-4	sleep		Medium	IN PROGRESS	Dec 12, 2024, 09:04
<input checked="" type="checkbox"/>	SE-3	drink		Medium	TO DO	Dec 12, 2024, 09:04
<input checked="" type="checkbox"/>	SE-2	eat		Medium	DONE	Dec 12, 2024, 09:04

Task Status	Progress
TO DO	"0% COMPLETE"
IN PROGRESS	"50% COMPLETE"
DONE	"100% COMPLETE"

Experiment 7:

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Preferences Only necessary Accept all

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Premium trial Q Search

experiment 7Software project

PLANNINGTimelineBoardListFormsAdd viewDEVELOPMENTCodeProject pagesProject settingsArchived issues NEW

Projects / experiment 7

E7 board

Q Search

Label

GROUP BYNone Insights View settings

TO DO 4

User Login and Role Assignment
Must-Have Basic-Need
☒ E7-1

Task Creation and Assignment
Could-Have Basic-Need
☒ E7-2

Task Prioritization and Deadlines
Won't-Have Performance-Need
☒ E7-3

Progress Tracking and Reporting
Should-Have Excitement-Need
☒ E7-4

IN PROGRESS

DONE

Jira Your work Projects Filters Dashboards Teams Plans Apps Create Premium trial Search

experiment 7 Software project

PLANNING Timeline Board List Forms Add view DEVELOPMENT Code Project pages Project settings Archived issues NEW

Projects / experiment 7

E7 board

Search YB Label

GROUP BY None Insights View settings

TO DO 1	IN PROGRESS 1	DONE 2 ✓
<div>Task Creation and Assignment</div> <div>Basic-Need Could-Have</div> <div>✓ E7-2</div> <div>+ Create issue</div>	<div>Task Prioritization and Deadlines</div> <div>Performance-Need Won't-Have</div> <div>✓ E7-3</div>	<div>Progress Tracking and Reporting</div> <div>Should-Have Ecitement-Need</div> <div>✓ E7-4</div> <div>User Login and Role Assignment</div> <div>Basic-Need Must-Have</div> <div>✓ E7-1</div>

Experiment 8:

Jira Your work Projects Filters Dashboards Teams Plans Apps Create Upgrade Search

Online Learning Platform Software project

Projects / My Scrum Project

Backlog

Q Search CM More 1 Clear filters... In... View settings

Epic

Issues without epic

- Course Enrollment and Registration
- Video Lecture Streaming
- Interactive Quizzes and Assignments
- Progress Tracking Dashboard
- Peer-to-peer discussion forums
- Certification Generation

SCRUM Sprint 1 Add dates (2 issues) 0 0 0 Start sprint

SCRUM-7 Sign up with email TO DO

SCRUM-8 Enroll a course IN PROGRESS

+ Create issue

2 of 2 issues visible Estimate: 0 of 0

Backlog (0 issues) 0 0 0 Create

Your backlog is empty.

+ Create issue

Quickstart

- Create a project
- Create an issue
- Create Issue | ... Watch on YouTube
- Issues are individual pieces of work that you assign to teammates. Show me View issue tutorial
- Start with the basics

experiment8 Software project

Projects / experiment8

XPRMNT8 Sprint 1

Q Search YB Label 5 days Complete sprint

GROUP BY None Insights View settings

TO DO 6

Course Enrollment and Registration Basic-Need Must-Have

✓ XPRMNT8-1

Video Lecture Streaming Performance-Need Must-Have

✓ XPRMNT8-2

Interactive Quizzes and Assignments Performance-Need Should-Have

IN PROGRESS

DONE ✓

experiment8 Software project

Projects / experiment8

XPRMNT8 Sprint 1

Q Search YB Label 5 days Complete sprint

GROUP BY None Insights View settings

TO DO

IN PROGRESS 3

Performance-Need Should-Have

✓ XPRMNT8-4

Certificate Generation Performance-Need Should-Have

✓ XPRMNT8-6

Peer-to-Peer Discussion Forums Could-Have Excitement-Need

✓ XPRMNT8-5

DONE 3 ✓

Registration Basic-Need Must-Have

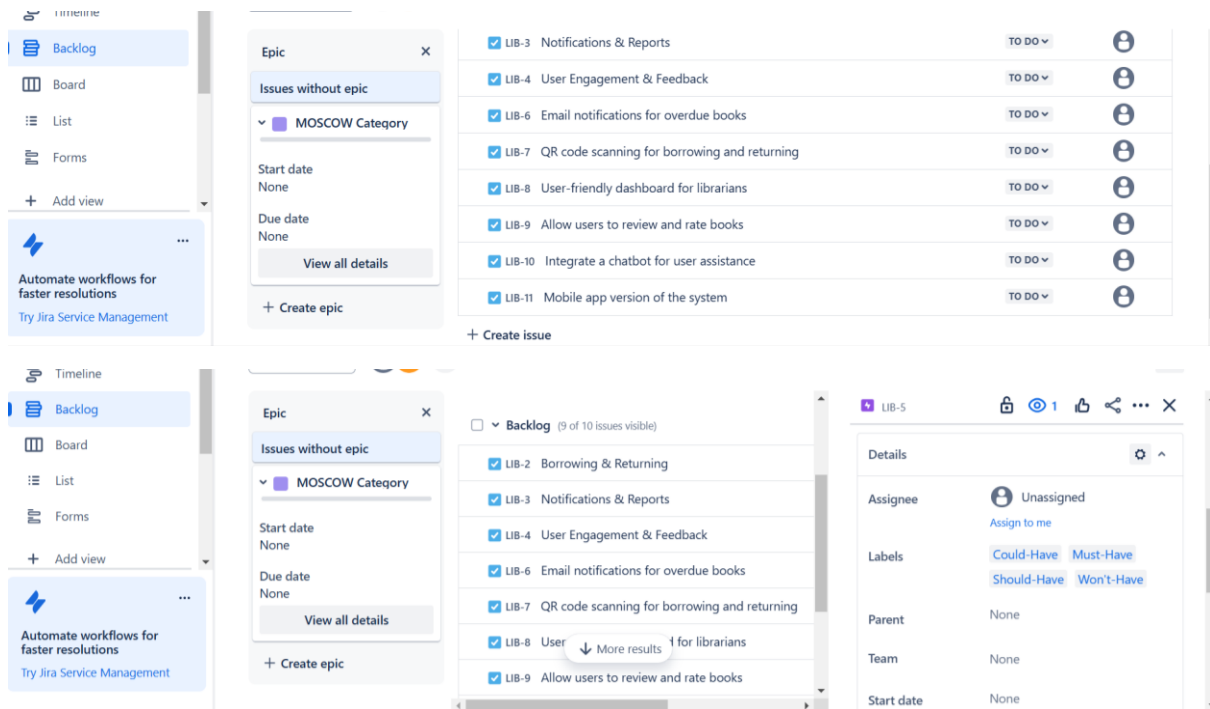
✓ XPRMNT8-1

Video Lecture Streaming Performance-Need Must-Have

✓ XPRMNT8-2

Interactive Quizzes and Assignments Performance-Need Should-Have

✓ XPRMNT8-3



Experiment 11:

```
<> index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>Static Website</title>
7  </head>
8  <body>
9  |   <h1>Welcome to My Static Website</h1>
10 |   <p>This website is served using Nginx in a Docker container!</p>
11 </body>
12 </html>
13
```

MyDockerfile.dockerfile > ...

```
1  # Use the official Nginx image as the base image
2  FROM nginx:latest
3
4  # Copy the static website files into the Nginx HTML directory
5  COPY ./index.html /usr/share/nginx/html/index.html
6
7  # Expose port 80 to allow web traffic
8  EXPOSE 80
9
10 # Start the Nginx server
11 CMD ["nginx", "-g", "daemon off;"]
12
```

Experiment 14:

The image displays two screenshots of a GitHub Actions workflow run for the 'build-and-push' job. The top screenshot shows a failed run with a red status icon and an annotation indicating 'Process completed with exit code 1.'. The bottom screenshot shows a successful run with a green status icon and an annotation indicating '1 warning' and a link to a GitHub issue: <https://github.com/actions/runner-images/issues/10636>. Both screenshots show the workflow file 'docker-image.yml' and the job name 'build-and-push'.

Top Screenshot (Failed Run):

- Job: build-and-push (7s)
- Annotations: 1 error and 1 warning
- Error: build-and-push (Process completed with exit code 1.)

Bottom Screenshot (Successful Run):

- Job: build-and-push (20s)
- Annotations: 1 warning
- Warning: build-and-push (ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/10636>)

Experiment 17:



Welcome to My Static Website!

Images

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	hello-world	latest	d2c94e258dcb	2 years ago	13.25 KB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	registry.k8s.io/pause	3.9	e6f181688397	2 years ago	743.95 KB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	docker/desktop-storage-	v2.0	99f89471f470	4 years ago	41.85 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	my-static-website	latest	0e7612dd9176	15 minutes ag	191.75 MB	<div></div> <div></div> <div></div>

Showing 27 items

Terminal

fc77d1ffb627: Pushed
d32d820bcf1c: Mounted from library/nginx
c28e0f7d0cc5: Mounted from library/nginx
8aa4787aa17a: Mounted from library/nginx
b060cc3bd13c: Mounted from library/nginx
2c3a053d7b67: Mounted from library/nginx
fc00b055de35: Mounted from library/nginx
c0f1022b22a9: Mounted from library/nginx
latest: digest: sha256:f96febcb0c6f9354b06e16e33e973c7214099a1ae205a6b747fc008029265f81 size: 1985
PS C:\Users\VOGENDRA>

Windows

Kubernetes running RAM 3.23 GB CPU 2.00% Disk 1020.15 GB avail. of 1081.10 GB

Terminal v4.36.0

Containers

Containers

Container CPU usage
0.02% / 1600% (16 CPUs available)

Container memory usage
23.2MB / 7.42GB

Show charts

Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	kind_gauss	c68c00b08db7	yogi906/flask-ap		0%	3 hours ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	modest_euclid	bf2395312a1e	yogi906/flask-ap		0%	3 hours ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	k8s_flask-api	0a974f68c8d5	7f6953237a61		0%	4 minutes ago	<div></div> <div></div> <div></div>

Terminal

docker run -p 5000:5000 flask-api
* Serving Flask app 'app.py' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)

Windows

