

1. Create a Kanban Board to Visualize the Tasks. • Create Columns for To Do, In-Progress and Done. • Add Atleast 5 Sample Tasks • Move the Tasks across the Columns to Simulate the Workflow.

The screenshot shows a web browser window for the Trello 'Create first team' wizard at the URL <https://trello.com/create-first-team>. The page has a blue header with the Trello logo. The main content area features a large dark blue section with the heading 'It all starts with the board'. Below it, a text block explains that a board is where work happens in Trello, mentioning cards, lists, due dates, and more. A text input field is present with the placeholder 'Enter a board name' and the value 'Task management Board'. A blue 'Next' button is located below the input field. To the right, there is a visual representation of a 'Task management Board' with three columns and several cards. Navigation buttons '← Back' and 'Skip' are at the bottom.

It all starts with the board

A board is where work happens in Trello. You'll find your cards, lists, due dates, and more to keep you organized and on track.

Enter a board name

Task management Board

Next

← Back Skip

https://trello.com/create-first-team

Trello

It all starts with the board

A board is where work happens in Trello. You'll find your cards, lists, due dates, and more to keep you organized and on track.

Enter a board name

Next

← Back Skip



Now organize your board with lists

A list is a bundle of cards that represent milestones, a set of ideas, or team goals. Customize your lists and add as many as you'd like.

A lot of people start with:

Name your lists

To Do

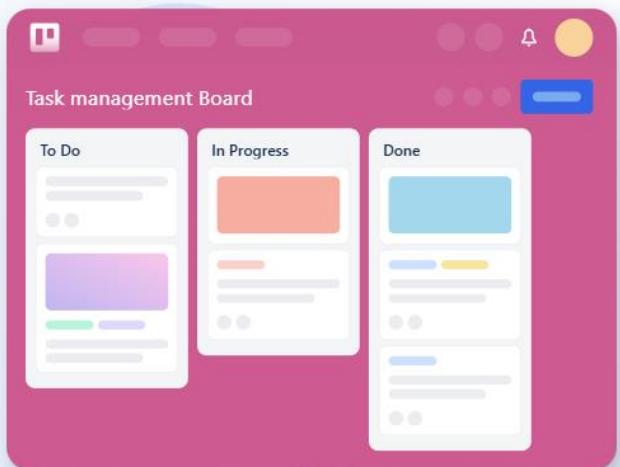
In Progress

Done

Next

[← Back](#)

[Skip](#)





Cards are your building blocks

For things you need to do, organize, or share with a teammate.

You can also set due dates for cards so you'll never miss a thing.

Add titles for a few cards in your **To Do** list

Card name 1

Write a blog post

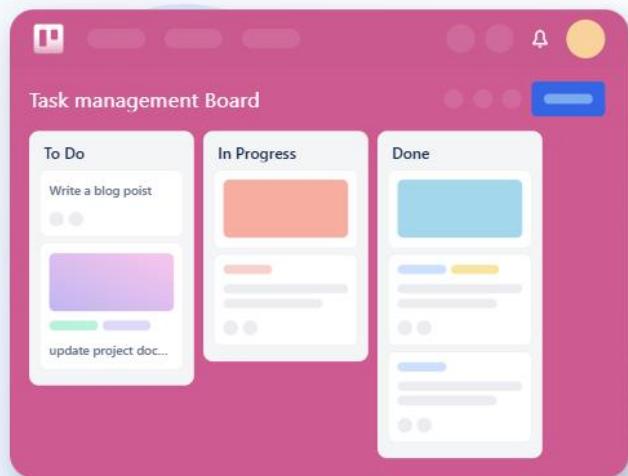
Card name 2

update project documentation

[Next](#)

[← Back](#)

[Skip](#)



Trello More + 14 days left

Write a blog poist

in list IN PROGRESS

Notifications

Watch

Description

To do a blog poist

Aa B I ... ⚙️ + ?

Join Members Labels Checklist Dates Attachment Location Cover Custom Fields

Save Cancel Formatting help

Activity

Show details Automation

LR Write a comment...

LR LEKKALA VISHNU VARDHAN REDDY added this card to To Do 2 minutes ago

Actions → Move

The screenshot shows a Trello workspace titled "Task management Board". The left sidebar displays "Trello Workspace Premium" with sections for Boards, Members, Workspace settings, Workspace views (Table, Calendar), and Your boards (Task management Board). The main area contains three lists: "To Do" (Teat new software feature, Respond to client emails, schedule team meeting), "In Progress" (Write a blog poist), and "Done" (update project documentation). A button "+ Add another list" is visible at the top right of the lists area.

This screenshot is identical to the first one, showing the "Task management Board" in a Trello workspace. However, a context menu is now open over the "Done" list. The menu header "Menu" is at the top, followed by a list of options: About this board, Activity, Archived items, Settings, Change background, Custom Fields, Automation, Power-Ups, Labels, Stickers, Make template, Watch, Email-to-board, Collapse all lists, Copy board, and Print, export, and share. The "Automation" option is currently selected.

Trello Workspace

Recent Stared Templates Create

14 days left

Search

Automation tips

Generated based on actions performed by you on this board.

Refresh

Automation tips and essentials to help you get started

Looks like there's not a lot of activity from you on this board.

Since automation tips depend on patterns of usage over time, we need some activity to generate them. Please come back once you've used the board for a while.

The action history Automation analyzed does not include all actions. For example, label addition and removal are missing, and thus are not part of the recommendations. You can create custom buttons containing those actions.

Automation

- Automations
- Rules
- Scheduled
- Due date
- Custom buttons
- Card buttons
- Board buttons

App automations

- View apps

More

- Suggestions
- Activity
- Send feedback

Menu

- About this board
- Activity
- Archived items
- Settings
- Change background
- Custom Fields
- Automation
- Power-Ups
- Labels
- Stickers
- Make template
- Watch
- Email-to-board
- Collapse all lists
- Copy board
- Print, export, and share

Watchlist 0 items

Search

12:54 15-12-2024

Trello More + 14 days left

Task management Board Board ... LR & Share

Rules ⓘ

Watch video overview Create automation Admin

Rules are simple: when one thing happens, another thing happens automatically

Examples:

- When a card is created in list "To Do" by me, add the "Steps" checklist.
- When a card is moved to list "Done" by anyone, mark the due date as complete and remove all members from the card.
- When I am added to a card, set the due date in 5 working days and post a comment saying "I got this!"

Create automation

How to create board rule automations in Trello Watch later Share

This screenshot shows the 'Rules' section of a Trello board titled 'Task management Board'. The main heading states 'Rules are simple: when one thing happens, another thing happens automatically'. Below this, there's a list of three examples of how rules can be used. At the bottom of the page, there's a video thumbnail with the title 'How to create board rule automations in Trello' and buttons for 'Watch later' and 'Share'.

Trello More + 14 days left

Task management Board ⌂ Board ⌂ Share ...

Create a Rule ⓘ

when a card is added to the board by me

Select Action

Move Add/Remove Dates Checklists Members Content Fields

Sort Cascade Jira Bitbucket Slack

move the card to the top of list Done

move the card to the top of the list

archive the card

The screenshot shows the 'Create a Rule' dialog in Trello. The trigger is set to 'when a card is added to the board by me'. There are three actions listed:

- move the card to the top of list (highlighted with a blue border)
- move the card to the top of the list
- archive the card

Trello More + 14 days left Share ...

Share board

Email address or name

Saved Info

- vishnuvardhanreddy1238.sse@saveetha.com
- lekkalavishnu7675@gmail.com
- reddyprakash8121@gmail.com
- regondamaruthi@gmail.com

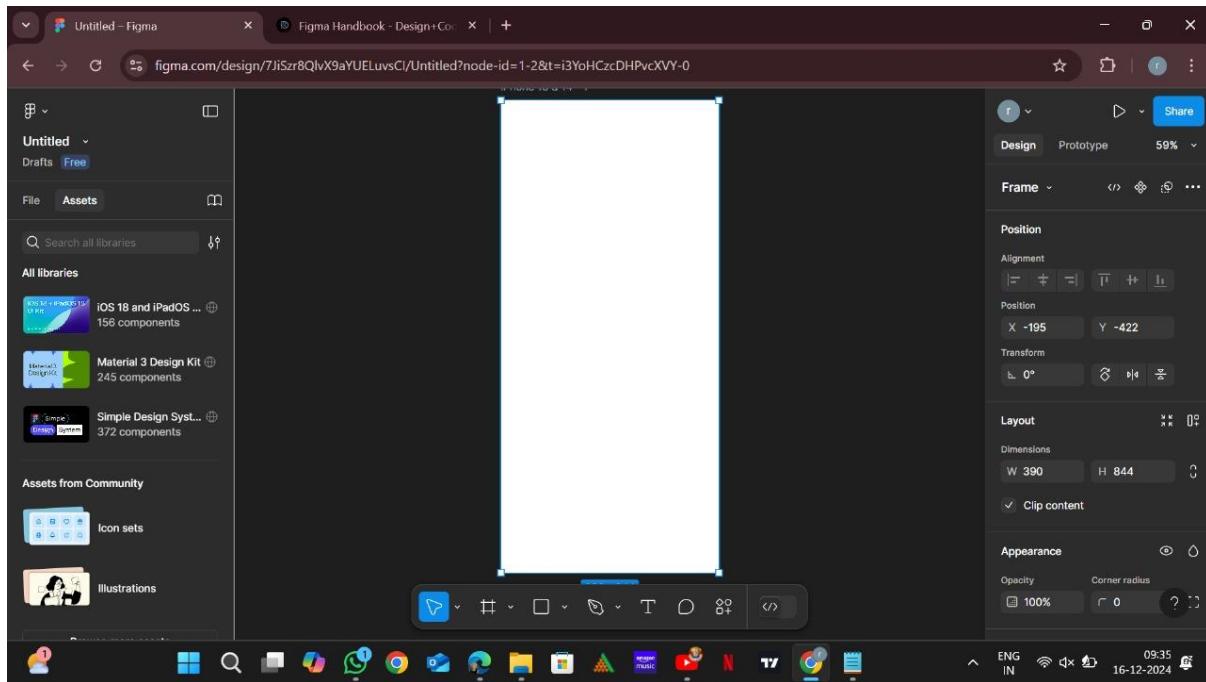
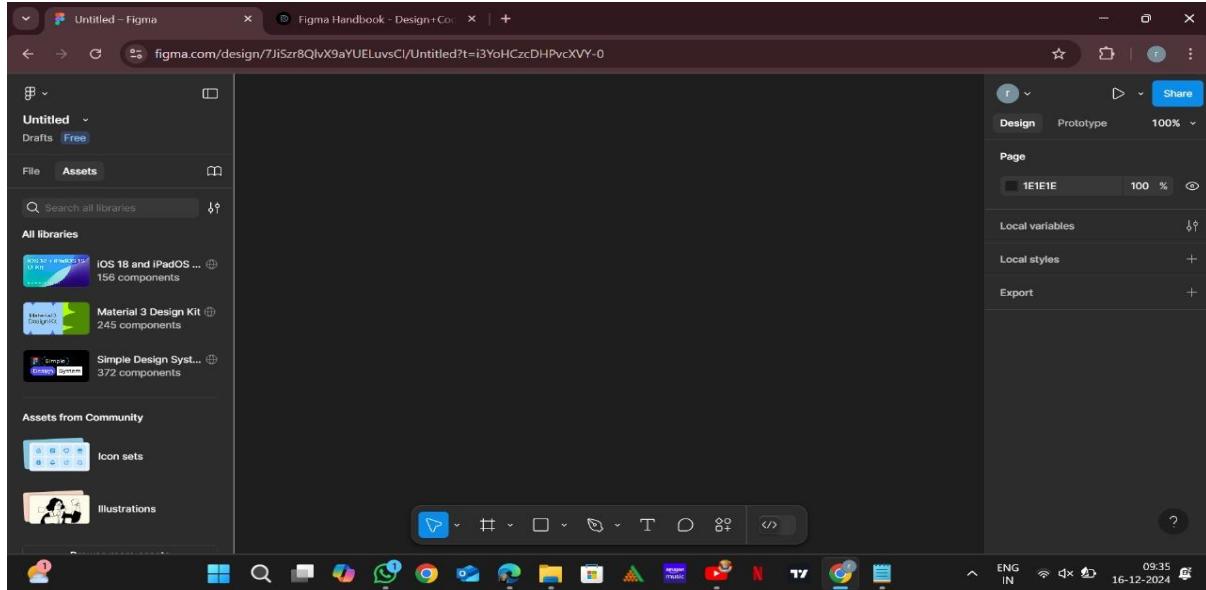
Member Share Admin

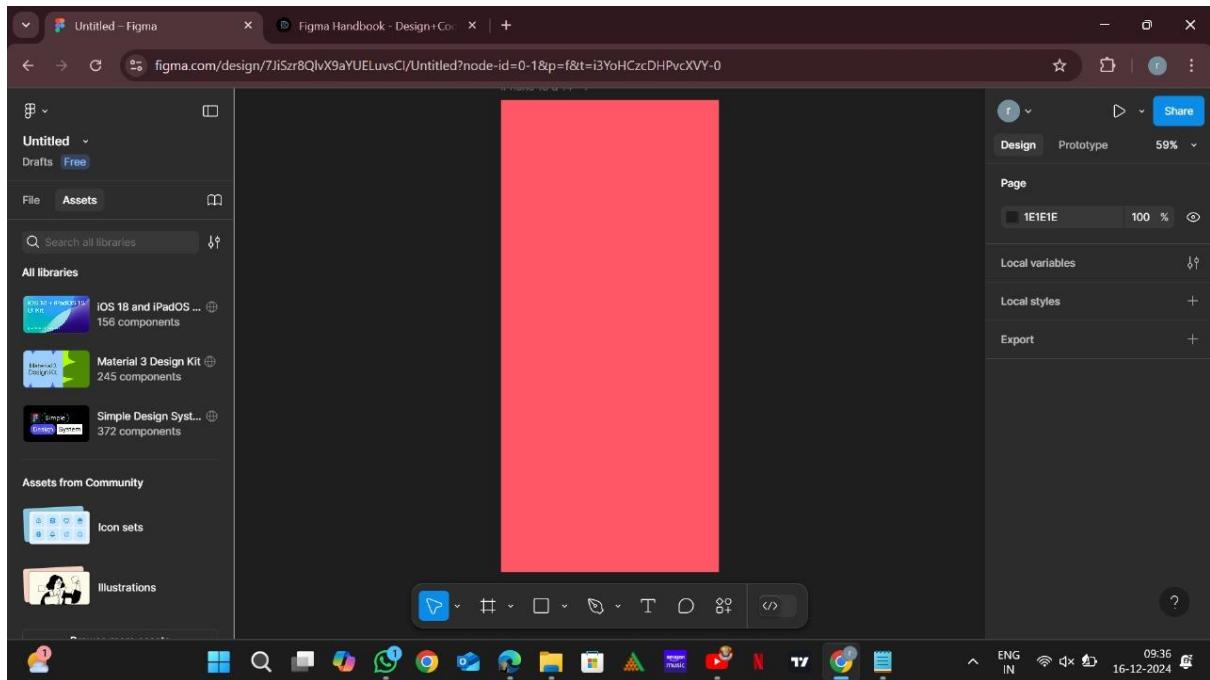
when a card is added to the board by me, move the card to the top of list
"Done"

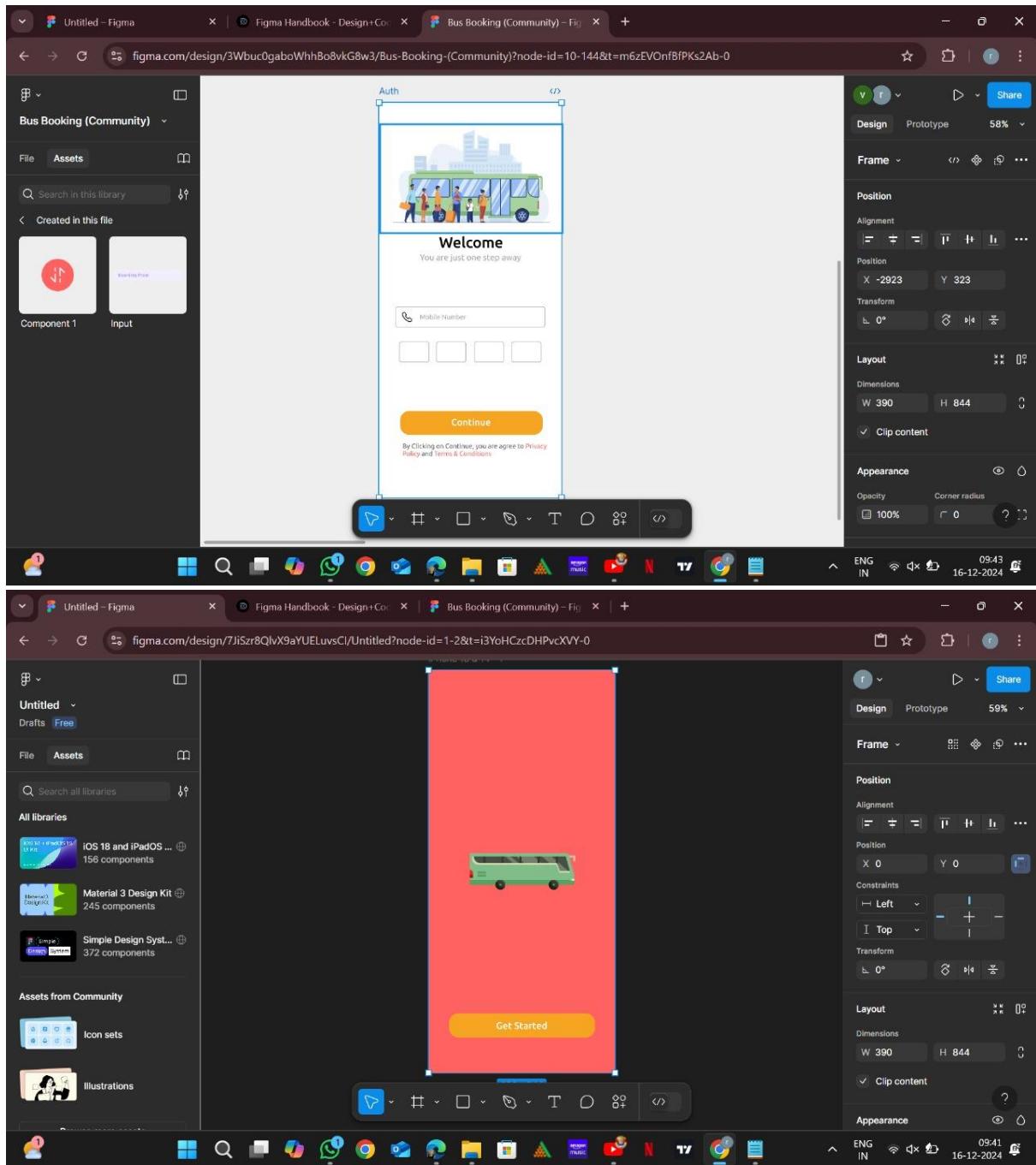
Enable automation on board Disable automation on board

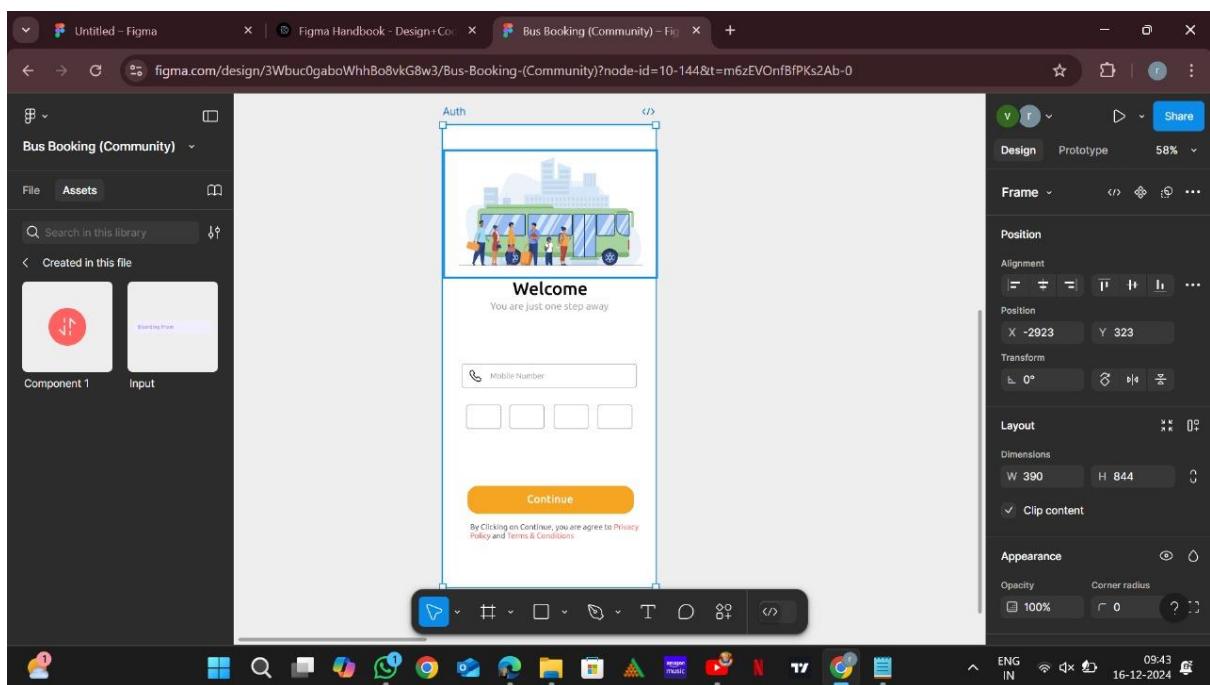
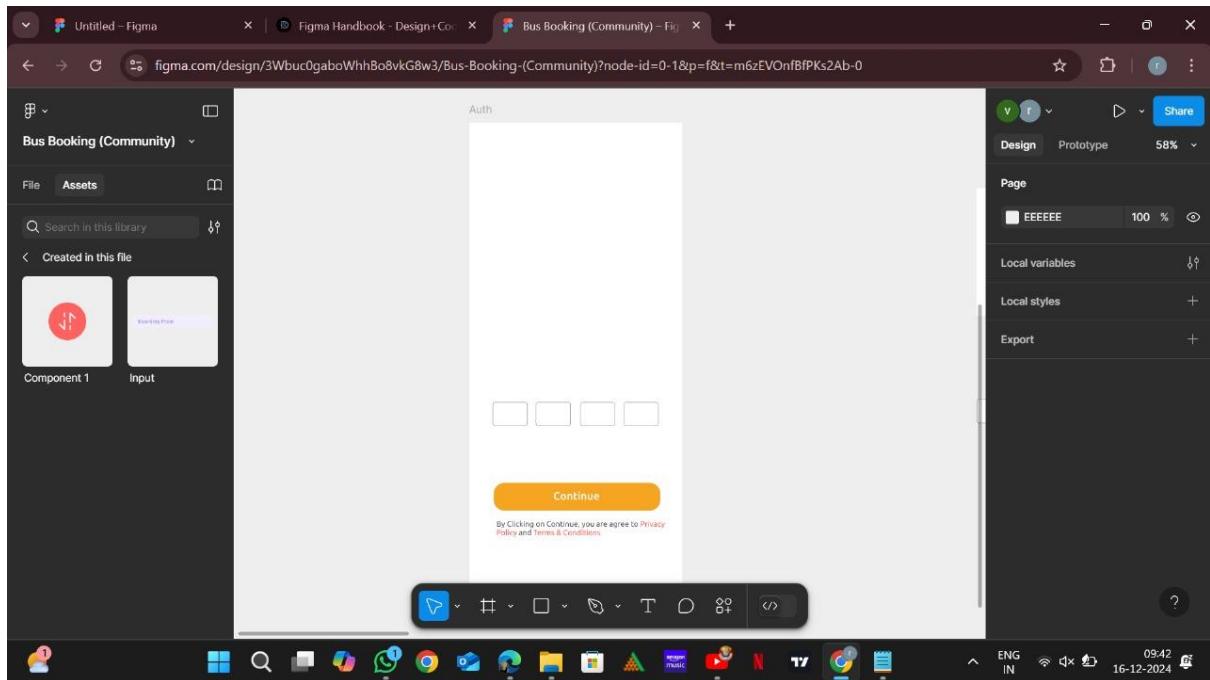
This screenshot shows the 'Share board' dialog in the Trello web interface. The dialog has a white background and a dark gray border. At the top, there's a header with the text 'Share board'. Below it is a search bar labeled 'Email address or name'. A dropdown menu titled 'Saved Info' is open, listing four email addresses: 'vishnuvardhanreddy1238.sse@saveetha.com', 'lekkalavishnu7675@gmail.com', 'reddyprakash8121@gmail.com', and 'regondamaruthi@gmail.com'. To the right of the dropdown are two buttons: 'Member' (with a dropdown arrow) and 'Share'. Below these buttons is another button labeled 'Admin' with a dropdown arrow. At the bottom of the dialog, there's a note about board automation: 'when a card is added to the board by me, move the card to the top of list' followed by a 'Done' button. At the very bottom, there are two radio buttons for enabling or disabling automation on the board.

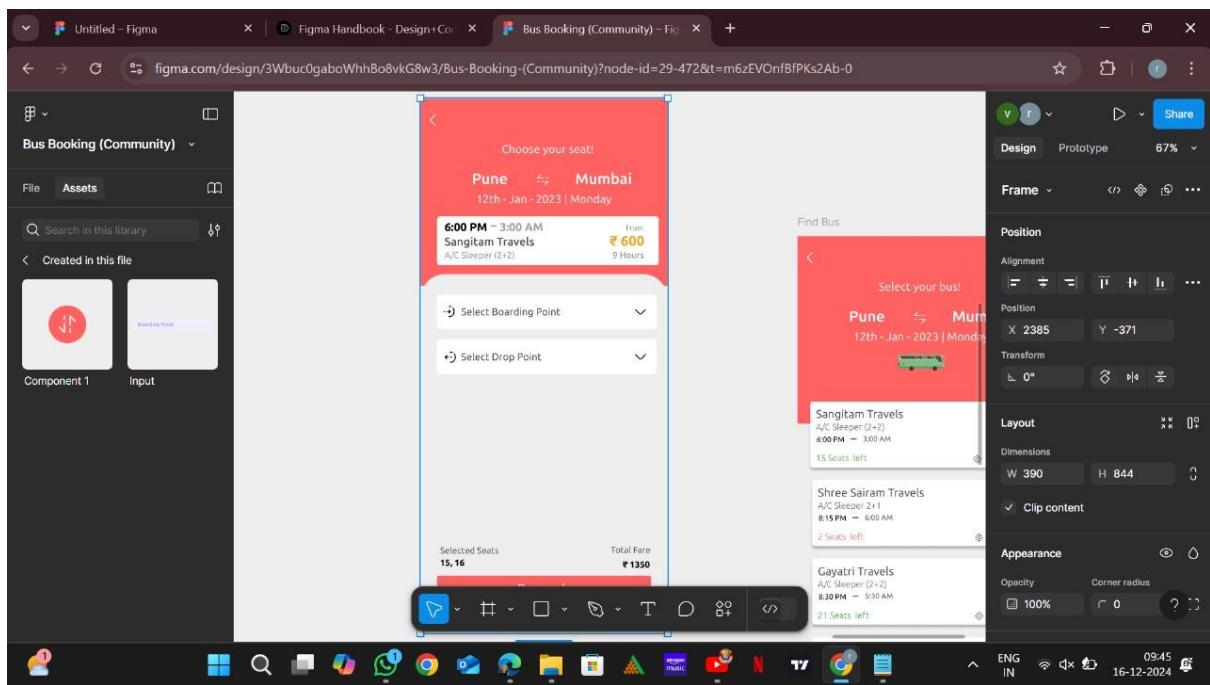
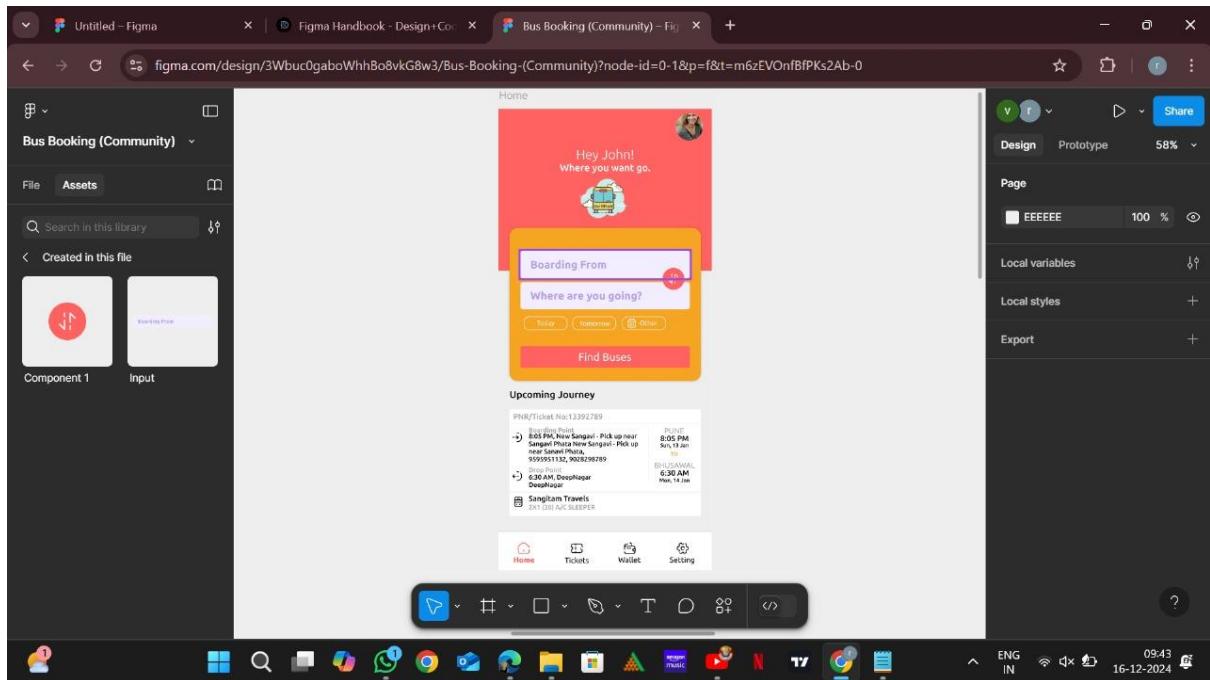
2. Sketch a Simple Prototype of a Bus Ticket Booking System using Figma Tool

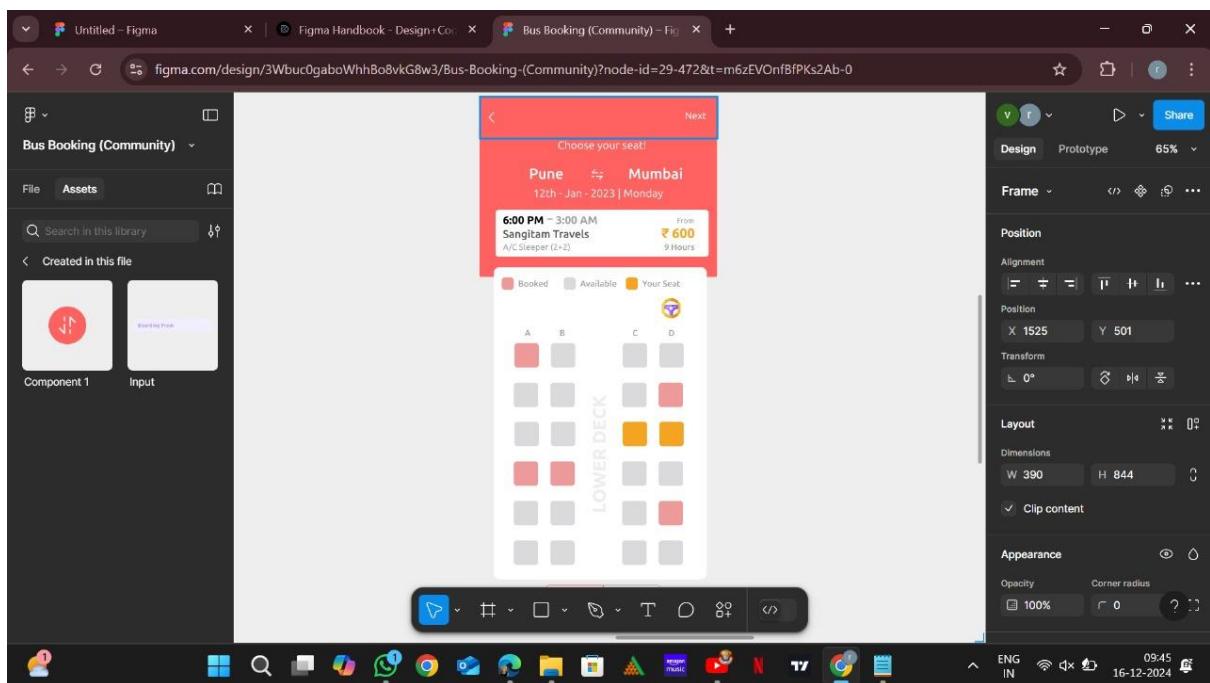
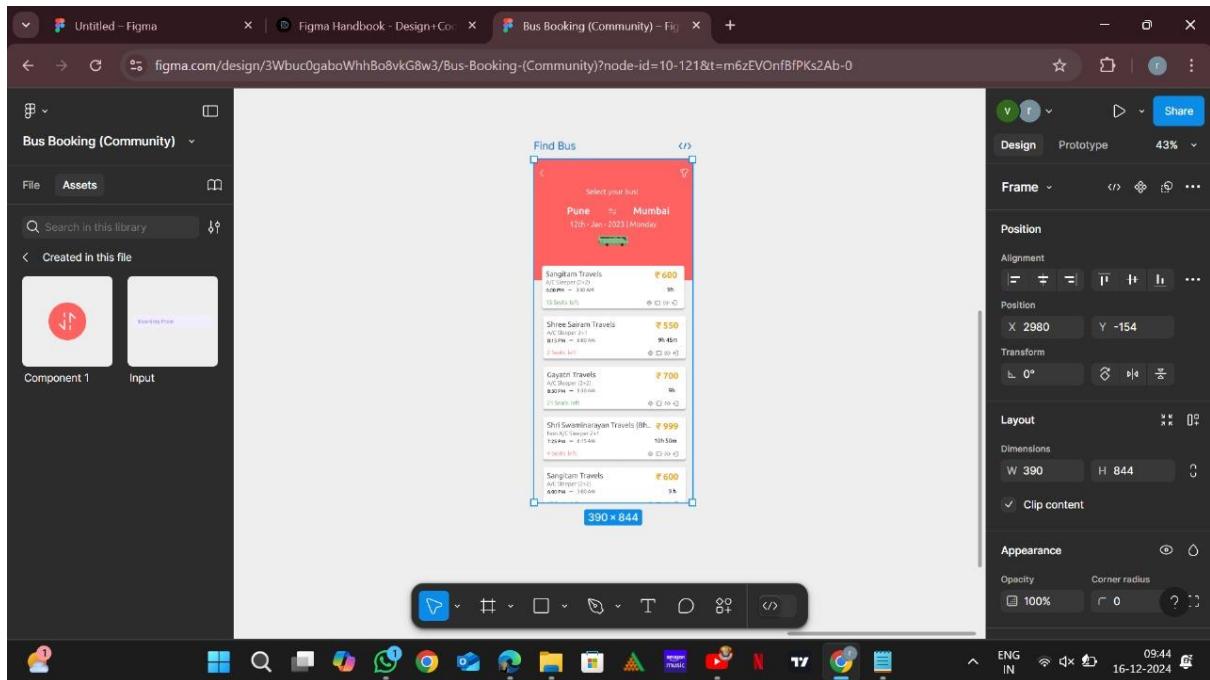


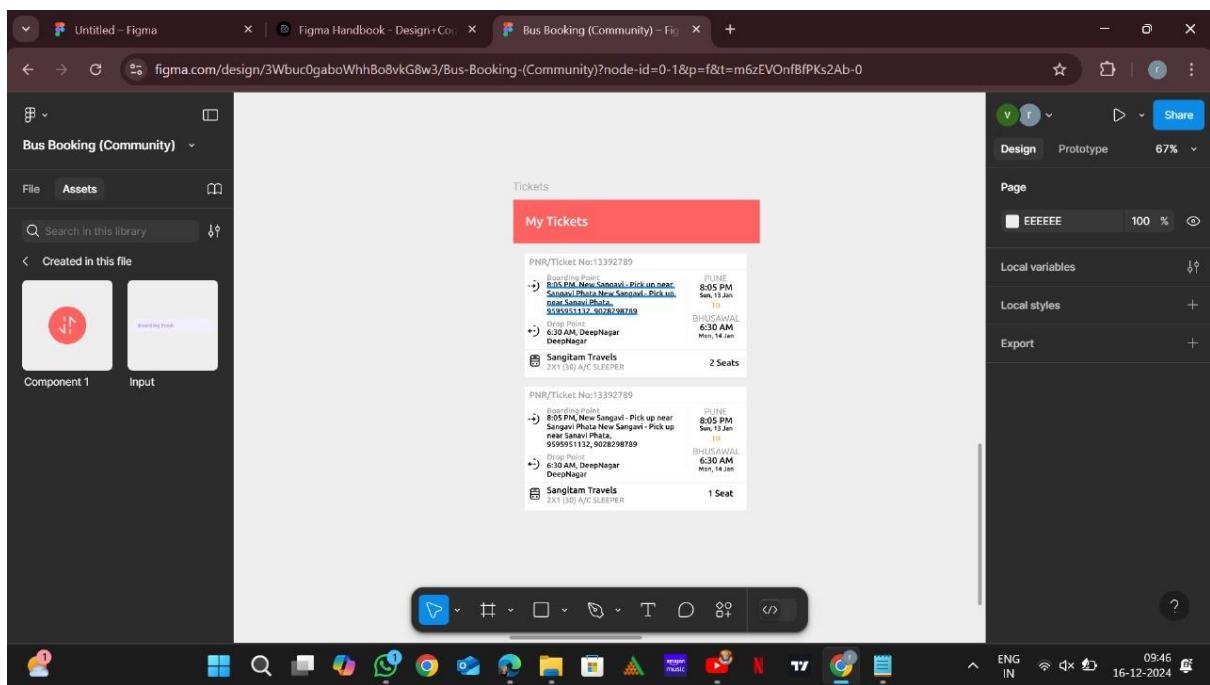
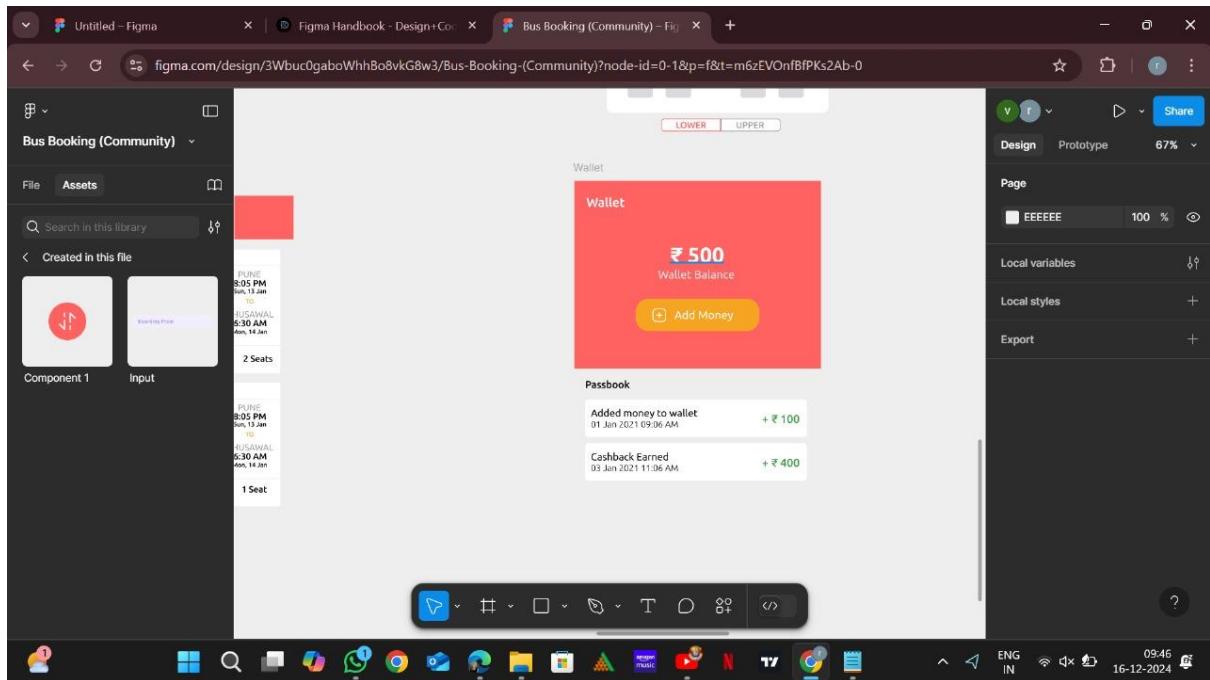












4.Create a Scrum Project in Jira.

- Add a backlog with at least 5 items (e.g., "Create user registration page", "Develop API for login").
- Prioritize the backlog and create a 1-week sprint.
- Move backlog items into the sprint and start the sprint.
- Finally show the

Screenshot of the sprint board at the start and end of the sprint.

[← Back to project types](#)

Add project details

Explore what's possible when you collaborate with your team.
Edit project details anytime in project settings.

Required fields are marked with an asterisk *

Name*

User Authentication System

Key *

UAS

Share settings with an existing project

Template

Change template



Scrum



Sprint toward your project goals with a board, backlog, and timeline.

Type

Change type



Company-managed

Work with other teams across many projects in a standard way.

Cancel

Next



Projects / User Authentication System / UAS board

Backlog

Search LR Version Epic Quick filters Start sprint

UAS Sprint 1 Add dates (4 issues)

- UAS-1 Create user registration page TO DO
- UAS-2 Develop Api for login TO DO
- UAS-3 Design database schema TO DO
- UAS-4 Set up CI/CD pipeline TO DO
- Test user authentication module TO DO

4 issues | Estimate: 0

Backlog (0 issues) Create sprint

Your backlog is empty.

+ Create issue

← ⏪ (🔒 https://saveetha-team-dzjhxng.atlassian.net/jira/software-project/10000/boards/UAS-board Backlog

Your work More + ⚡ 7 days left ⚡ ? ⚡ ⚡ LR

Projects / User Authentication System / UAS board Backlog

Search ⚡ Version ⚡ Epic ⚡ Quick filters ⚡ ⚡ ⚡

UAS Sprint 1 Add dates (0 issues) 0 0 0 Start sprint ⚡

Plan your sprint
Drag issues from the **Backlog** section, or create new issues, to plan the work for this sprint.
Select **Start sprint** when you're ready.

+ Create issue

0 issues | Estimate: 0

Backlog (0 issues) 0 0 0 Create sprint

Your backlog is empty.

+ Create issue

Your work ▾ More ▾ + 7 days left

Projects / User Authentication System / UAS board

UAS Sprint

5 days ⏱ ⚡ ⭐ 🔍 ↗ Start stand-up Complete sprint ⋮

Search Quick filters GROUP BY Stories ⌂ ⌃

TO DO 2	IN PROGRESS 2	DONE 1
Set up CI/CD pipeline = UAS-4	Create user registration page = UAS-1	Develop API for login = UAS-2
Test user authentication module = UAS-5	Design database schema = UAS-3	
+ Create issue	+ Create issue	

+ Add

← ⏪ https://saveetha-team-dzjhxng.atlassian.net/jira/soft... A ⚡ ⚡ | ⚡ ... ⚡

Your work More + ⚡ 7 days left 🔍 ? ⚡ LR

Project UAS Sprint 1

Complete UAS Sprint 1

This sprint contains:

- 2 completed issues
- 3 open issues

Move open issues to

Backlog

Create a retrospective for this sprint

Finish off your sprint with a Confluence retrospective! Contribute to your team's culture and improve how you work.

Cancel Complete sprint

https://saveetha-team-dzjhxng.atlassian.net/jira/software/c/projects/UAS/list

Jira Your work Projects Filters Dashboards Teams Plans Assets Apps Create 7 days left Search

Projects / User Authentication System List Give feedback

Search list Q L R L

Share Filter Group Format Chart More

Type	# Key	Summary	Status	Sprint	Assignee	Priority	Labels
	UAS-5	Test user authentication module	TO DO			■	
	UAS-2	Develop Api for login	TO DO	UAS Sprint 1		■	
	UAS-1	Create user registration page	TO DO	UAS Sprint 1		■	
	UAS-3	Design database schema	IN PROGRESS	UAS Sprint 1		■	
	UAS-6	Develop Api for design	DONE			■	
	UAS-7	Design database schema	DONE			■	
	UAS-8	Create user registration oage	DONE			■	
	UAS-9	Develop Api for design	DONE	UAS Sprint 3		■	
	UAS-10	UAS	DONE	UAS Sprint 2		■	
	UAS-11	Develop API for design	DONE	UAS Sprint 2		■	

+ Create

5.use the following requirements for a Library Management System:

- Add a feature to search books by title and author.
- Implement an online book reservation system.
- Generate monthly reports on borrowed books for administrators.
- Enable email notifications for overdue books.
- Add support for QR code scanning for borrowing and returning books.
- Create a user-friendly dashboard for librarians.
- Allow users to review and rate books.
- Integrate a chatbot for user assistance.
- Develop a mobile app version of the system.
- Provide multi-language support.

Categorize each requirement using MOSCOW Method (Must-Have, Should-Have, Could-Have, or Won't-Have) based on the following criteria:

- Impact on the users and stakeholders.
- Feasibility considering time, budget, and resource constraints.

Finally Submit the completed Google Sheet or Excel file with all requirements categorized and justified.

The screenshot shows a Google Sheets document titled "MOSCOW Prioritization". The table has columns for Requirements, MOSCOW category, justification, impact, and Feasability. Row 5 is currently selected, indicated by a blue border around the entire row.

	Requirements	MOSCOW category	justification	impact	Feasability
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

MOSCOW Prioritization

File Edit View Insert Format Data Tools Extensions Help

Share

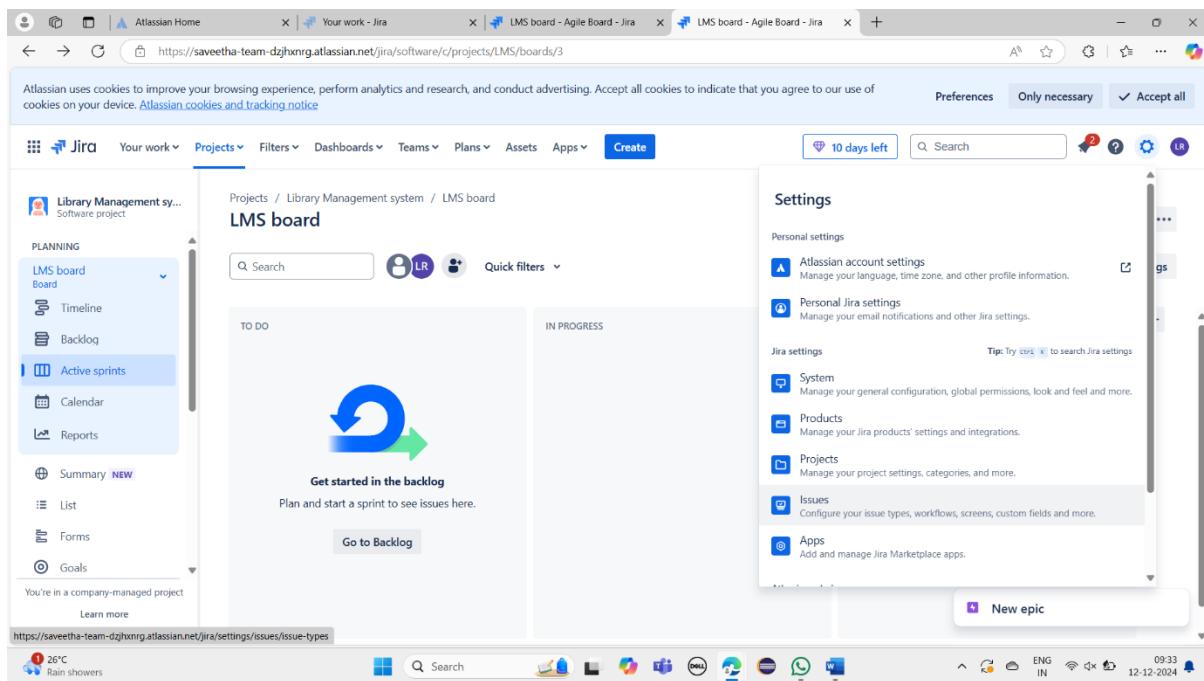
Table1

Requirements	MOSCOW category	justificatioon	impact	Feasability	
Search books by title and autl	Must-Have	Core functionality needed for	High	Easy	
implement an online book res	Must-Have	Essential for remote access	High	Medium	
Generate monthly reports on	Should-Have	Important for administrators	Medium	Medium	
Enable email notifications for	Should-Have	Improves user engagement	b	Medium	
Add support for QR code sca	Could-Have	Enhances borrowing experien	Low	Hard	
Create a user-friendly dashbo	Must-Have	Vital for librarians to manage	High	Medium	
Allow users to review and rate	Could-Have	Adds engagement but does n	Low	Medium	

Sheet1

6. Link Jira tasks with Confluence to streamline task tracking and progress monitoring for the Library Management System development.

- Create a new page in Confluence titled "Library Management System Project Overview."
- Embed at least 5 Jira issues related to the development of the Library Management System (e.g., tasks from the sprint like "Develop book search functionality," "Create user login page," etc.).
- Use the Jira macro to display issues with status (e.g., "To Do," "In Progress," "Done").
- Add a progress bar in the Confluence page to visually track the completion of each embedded Jira task (e.g., percentage of tasks completed in the sprint).
- Submit a screenshot of the Confluence page showing the embedded Jira tasks and the progress bar.



Atlassian Home | Your work - Jira | LMS board - Agile Board - Jira | Issue types - Jira

https://saveetha-team-dzjhxng.atlassian.net/jira/settings/issues/issue-types

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Preferences Only necessary ✓ Accept all

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

Issue types

Issue types allow you to structure your work within your teams. You can assign these issue types to a new hierarchy level on the [Issue type hierarchy](#) page. [Learn more about issue types in Jira](#).

Add issue type ?

Name : Filter Issue Types by name or description

Name :	Hierarchy Level :	Related Schemes	Actions
Epic	1	• Default Issue Type Scheme • LMS: Scrum Issue Type Scheme	...
Ask a question	0	• Default Issue Type Scheme • SUP: Jira Service Management Issue Type Scheme	...
Bug	0	• Default Issue Type Scheme • LMS: Scrum Issue Type Scheme	...
Emailed request	0	• Default Issue Type Scheme • SUP: Jira Service Management Issue Type Scheme	...
Library Management system	0	• Default Issue Type Scheme	...
Story	0	• Default Issue Type Scheme	...

New epic

26°C Rain showers Atlassian Home Your work LMS board - Agile Board - Jira Custom fields - Jira

https://saveetha-team-dzjhxng.atlassian.net/secure/admin/ViewCustomFields.jspa

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Preferences Only necessary ✓ Accept all

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

Configure 'Checkbox' Field

Name*: Library Management system

Description: Book selection

Last used: No information

Actual end: Enter when the task is completed

Actual start: Enter when the task begins

Affected services: Link services affected by this task

Approvals: Provide specific approval requirements

Approvers: Contains groups of users who must approve this task

Approvers: Contains users needed for approval. This custom field was created by Jira.

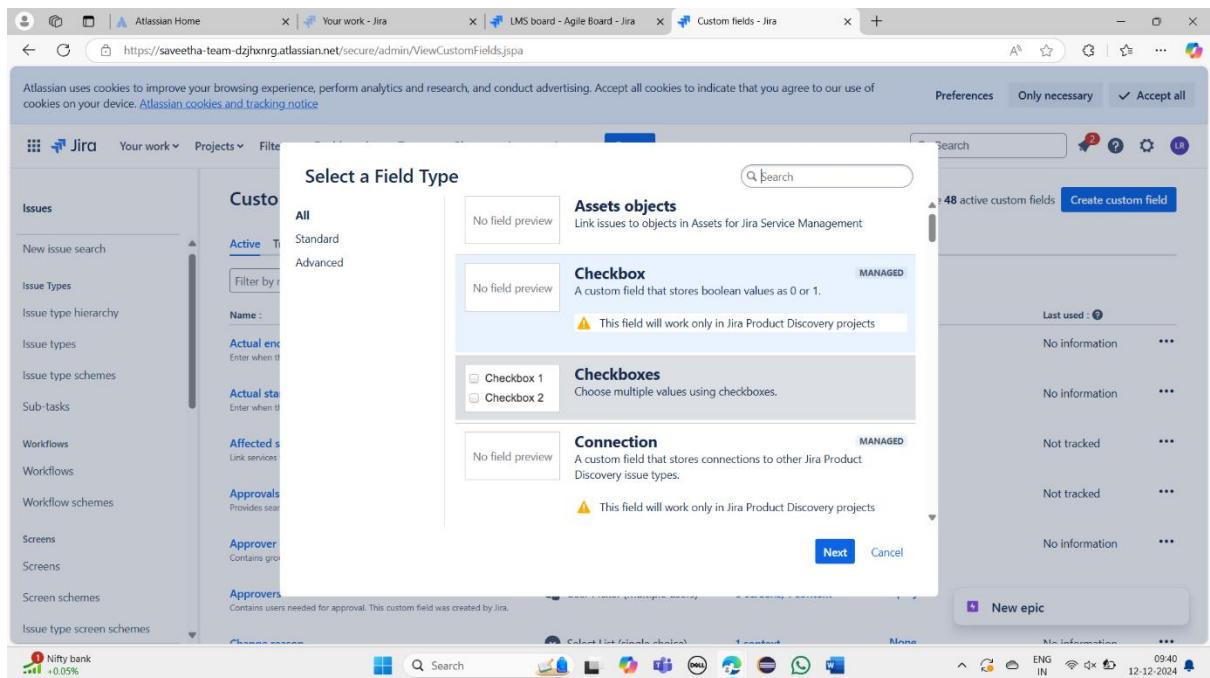
User Picker (multiple users): Select User (single choice)

3 screens, 1 context, 1 project

Previous Create Cancel

New epic

Nifty bank +0.05% 09:40 12-12-2024



Atlassian Home | Your work - Jira | LMS board - Agile Board - Jira | List - Library Management system | +

https://saveetha-team-dzjhxnrg.atlassian.net/jira/software/c/projects/LMS/list

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Jira Your work Projects Filters Dashboards Teams Plans Assets Apps Create 10 days left Search Help ? Settings User icon

Library Management system Software project

PLANNING LMS board Board

- Timeline
- Backlog
- Active sprints
- Calendar
- Reports
- Summary NEW

List

Search list LMS

#	Type	Key	Summary	Status	Sprint	Assignee	Priority
1	Task	LMS-1	User login page	TO DO	LMS Sprint 1		Low
2	Task	LMS-2	Search	TO DO			Low
3	Task	LMS-3	Book selection	IN PROGRESS			Low
4	Task	LMS-4	Date of returning	IN PROGRESS			Low
5	Task	LMS-5	Returned	DONE			Low

+ Create

Watchlist Ideas

Search

System icons: File Explorer, Task Manager, Control Panel, Dell logo, System tray icons (Wi-Fi, Battery, Volume, etc.)

System status: ENG IN, 12-12-2024, 09:54

7. You are designing a Task Management System for a small team. The system should include the following features: 1. User Login and Role Assignment 2. Task Creation and Assignment 3. Task Prioritization and Deadlines 4. Progress Tracking and Reporting Prioritize these requirements

The screenshot shows a web browser window with three tabs open: 'LMS board - Atlassian', 'Projects - Jira', and 'SE - List of Exp'. The current page is 'https://saveetha-team-dzjhxnrq.atlassian.net/jira/projects'. The main content is titled 'Add project details'. It includes a brief description: 'Explore what's possible when you collaborate with your team. Edit project details anytime in project settings.' Below this, it says 'Required fields are marked with an asterisk *'. There are two input fields: 'Name *' containing 'Task Management System' and 'Key *' containing 'TMS'. To the right, there are two sections: 'Template' with a circular arrow icon and 'Type' with a grid icon. A checkbox labeled 'Share settings with an existing project' is present. At the bottom, there are navigation arrows.

The screenshot shows a web browser window with three tabs open: "LMS board - A", "TMS board - A", and "SE - List of Exp". The current view is the "TMS board" page, which displays a sidebar titled "Projects / Task Man" and a main area for "TMS board". The sidebar includes a search bar and a "TO DO" section with a large blue circular icon containing a white arrow. Below the sidebar, there's a "Get started in backlog" section with a message: "Plan and start your sprint to see it here." and a "Go to Backlog" button.

Jira settings

Tip: Try `ctrl + K` to search Jira settings

- System**
Manage your general configuration, global permissions, look and feel and more.
- Products**
Manage your Jira products' settings and integrations.
- Projects**
Manage your project settings, categories, and more.
- Issues**
Configure your issue types, workflows, screens, custom fields and more.
- Apps**
Add and manage Jira Marketplace apps.

Atlassian admin

- User management**
Add users, groups, and manage access requests.
- Billing**
Update your billing details, manage your subscriptions and more.

https://saveetha-team-dzjhxng.atlassian.net/admin/users?referrerName=JIRA

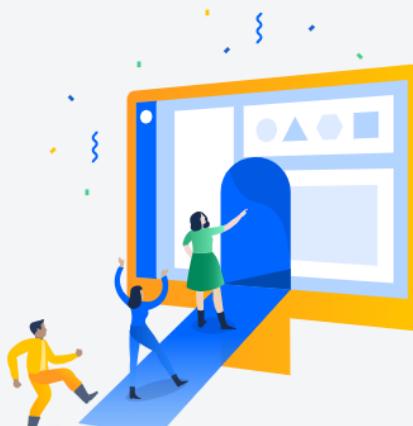
Screenshot of a web browser showing the Atlassian Admin interface for the organization "saveetha-team-dzjhxnrg". The "Users" tab is selected. The page title is "Admin / saveetha-team-dzjhxnrg".

The main content area displays a team management message: "There's a team behind every success" with a call to action "Add your team and start creating great things together". It lists three email addresses:

- madhug1127.sse@saveetl
- revanthedv2128.sse@save
- venkatapranavaseshasai11

A large blue button labeled "Add team members" is present.

At the bottom, a reCAPTCHA notice states: "This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply."



nts using the MOSCOW AND KANO MODELS in jira

LMS bo... | TMS bo... | Users - S... | SE - List x | +

https://admin.atlassian.com/o/556d0436-f440...

saveetha-team-dzjhxnrg | Overview | Directory | More

Admin / saveetha-team-dzjhxnrg

Users

Invite users | Approve requests 0 | ...

Manage product access for all the users in your organisation. [Explore access settings](#)

Total users Active users Administrators

4 4 1

Enter public name or email address Filters (1)

User	Last active	Status	Actions
 GURAPASALA MADHU madhug1127.sse@saveetha.com	Dec 19, 2024	Invited	...
 LEKKALA VISHNU VARDHAN REDDY <small>ORG ADMIN</small> vishnuvardhanreddyl2138.sse@saveetha.com	Dec 17, 2024	Active	...
 Revanth Edapa revantheadv2128.sse@saveetha.com	Dec 19, 2024	Invited	...
 venkatapranavaseshasai1128.sse venkatapranavaseshasai1128.sse@saveetha.com	Dec 19, 2024	Invited	...

Guard
Simple user management to solve your

LMS X | TMS X | User X | TMS X | SE - X | +

https://saveetha-team-dzjhxnrq.atlassian.net/jira/soft...

Your work ▾ More ▾ +

⚠ 3 days left

Create Epic

Required fields are marked with an asterisk *

Project *

Task Management System (TMS)

Issue type *

Epic

[Learn about issue types](#)

Status

To Do

This is the initial status upon creation

Summary *

Progress Tracking and Reporting

Parent

Create another 1 issue created

Cancel **Create**

+ Create epic

LMS X | TMS X | User X | TMS X | SE - X | +

https://saveetha-team-dzjhxnrq.atlassian.net/jira/soft...

Your work ▾ More ▾ +

⚠ 3 days left

Create

Required fields are marked with an asterisk *

Project*

Task Management System (TMS)

Issue type*

Story

[Learn about issue types](#)

Status

To Do

This is the initial status upon creation

Summary*

◆ Summary is required

Parent

Create another

Cancel **Create**

Task Prioritization and Deadlines

Pro tip: press M to comment

The screenshot shows a Jira 'Create' dialog box over a browser window. The dialog box has a light gray background and a white main area. At the top, it says 'Create' and 'Required fields are marked with an asterisk *'. It has sections for 'Project*', 'Issue type*', 'Status', 'Summary*', and 'Parent'. The 'Project*' section shows 'Task Management System (TMS)'. The 'Issue type*' section shows 'Story'. The 'Status' section shows 'To Do'. The 'Summary*' section has a red error message '◆ Summary is required'. The 'Parent' section has a checkbox 'Create another' and a 'Create' button. A sidebar on the right lists 'Task Prioritization and Deadlines'. At the bottom, there's a 'Pro tip: press M to comment' and a keyboard icon.

Screenshot of a Jira interface showing the "Split issue" dialog box.

The dialog box is titled "Split issue". It has two tabs: "Summary" and "Estimate".

Summary Tab:

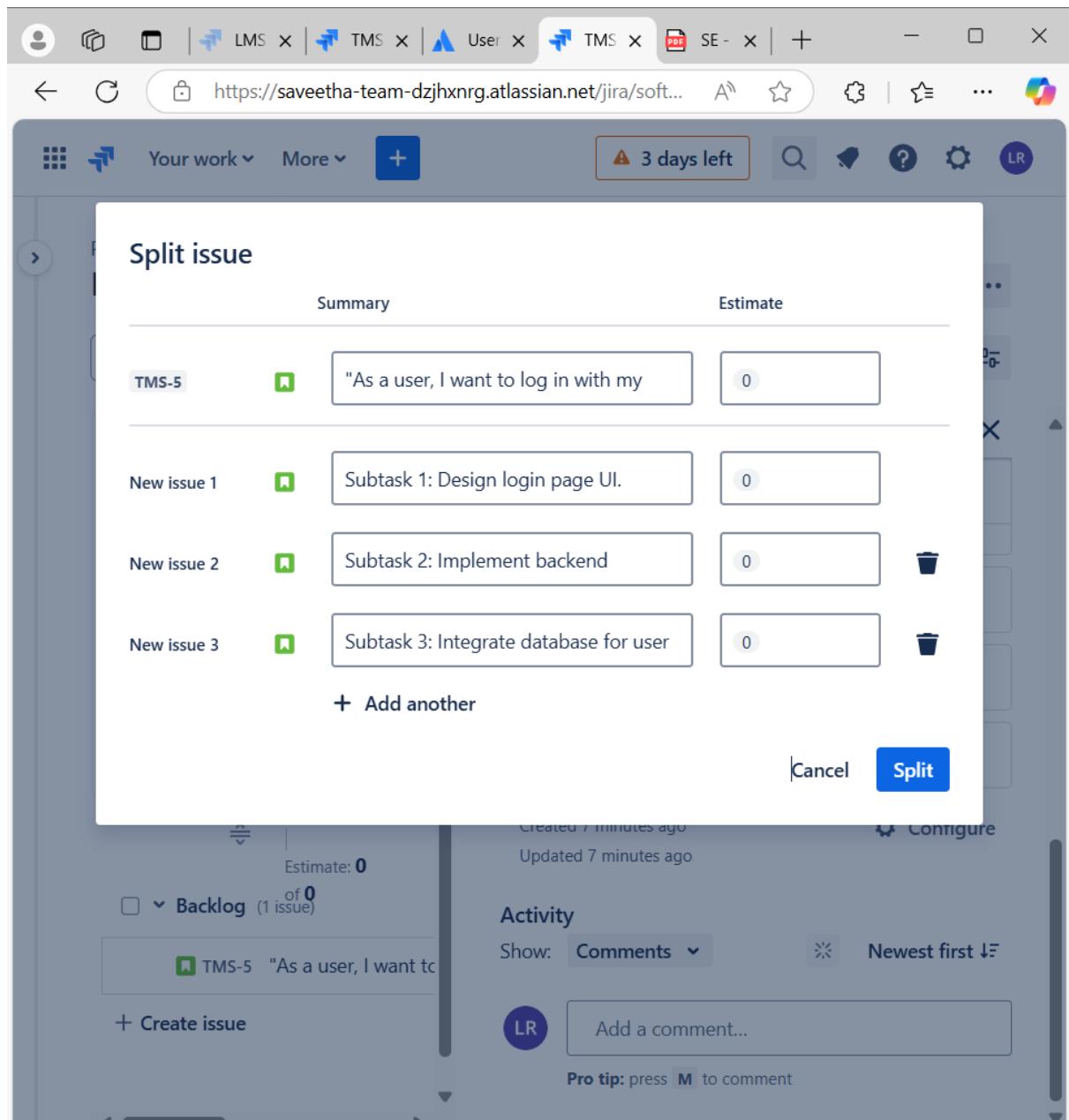
- TMS-5:** Description: "As a user, I want to log in with my", Estimate: 0.
- New issue 1:** Description: "Subtask 1: Design login page UI.", Estimate: 0.
- New issue 2:** Description: "Subtask 2: Implement backend", Estimate: 0.
- New issue 3:** Description: "Subtask 3: Integrate database for user", Estimate: 0.

Estimate Tab:

Buttons: "+ Add another", "Cancel", "Split".

Background:

- Backlog:** (1 issue) TMS-5 "As a user, I want to log in with my".
- Activity:** Show: Comments, Newest first.
- Comment Input:** Add a comment...
- Pro tip:** press M to comment.



<https://saveetha-team-dzjhxnrq.atlassian.net/jira/software/c/projects/TMS/boards/6/backlog?epics=visible&issueParent=10023%2C10024%2C10025%2C10022>

Jira Your work Projects Filters Dashboards Teams Plans Assets Apps Create ▲ 3 days left Search Insights View settings

Projects / Task Management System / TMS board Backlog

Epic User Login and Role Assignment Task Prioritization and Deadlines Progress Tracking and Reporting MUST HAVE SHOULD HAVE COULD HAVE + Create epic

Create Epic

Project Task Management System (TMS)

Issue type Epic

Status To Do

Summary WONT HAVE

Parent Select parent

Create another

TO DO Plan on whiteboard Create sprint

1 of 1 issue visible Estimate: 0 of 0

0 0 0 ...

<https://saveetha-team-dzjhxnrq.atlassian.net/jira/software/c/projects/TMS/boards/6/backlog?epics=visible&issueParent=10023%2C10024%2C10025%2C10022>

Jira Your work Projects Filters Dashboards Teams Plans Assets Apps Create ▲ 3 days left Search Insights View settings

Projects / Task Management System / TMS board Backlog

Epic Assignment Task Prioritization and Deadlines Progress Tracking and Reporting MUST HAVE SHOULD HAVE COULD HAVE To Do: 0 of 0 (issue) WONT HAVE + Create epic

Version Epic Quick filters Clear filters

TMS Sprint 2 26 Dec – 2 Jan (1 issue)

TMS-10 Progress tracking and reporting

USER LOGIN AND ROLE... TO DO ...

+ Create issue

Backlog (4 issues)

TMS-5 "As a user, I want to log in with my username and password, so that I can securely access the system." TMS-6 Subtask 1: Design login page UI. TMS-7 Subtask 2: Implement backend authentication. TMS-8 Subtask 3: Integrate database for user credentials.

Plan on whiteboard Create sprint

1 of 1 issue visible Estimate: 0 of 0

0 0 0 ...

LMS X TMS X User X TMS X PDF SE - X

https://saveetha-team-dzjhxnrg.atlassian.net/jira/soft...

Your work More + ⚠ 3 days left

Create

Status To Do ▾

This is the initial status upon creation

Summary * Progress tracking and ReportingA

Parent TMS-11 SHOULD HAVE

Your issue type hierarchy determines the issues you can select here.

Components None

Description Aa B I ... A

Create another Cancel Create

LMS board - Agile Board - Jira | TMS board - Agile Board - Jira | Users - saveetha-team-dzjhxng | List - Task Management System - SE - List of Experiments - Final! | + | - | X

https://saveetha-team-dzjhxng.atlassian.net/jira/software/c/projects/TMS/list

Jira Your work Projects Filters Dashboards Teams Plans Assets Apps Create 3 days left Search Give feedback

Task Management System Software project

PLANNING

- TMS board Board
- Timeline
- Backlog
- Active sprints
- Calendar
- Reports
- Summary NEW
- List
- Forms
- Goals
- Issues

Projects / Task Management System List

Search list Q LRU

Share Filter Group Format Chart More

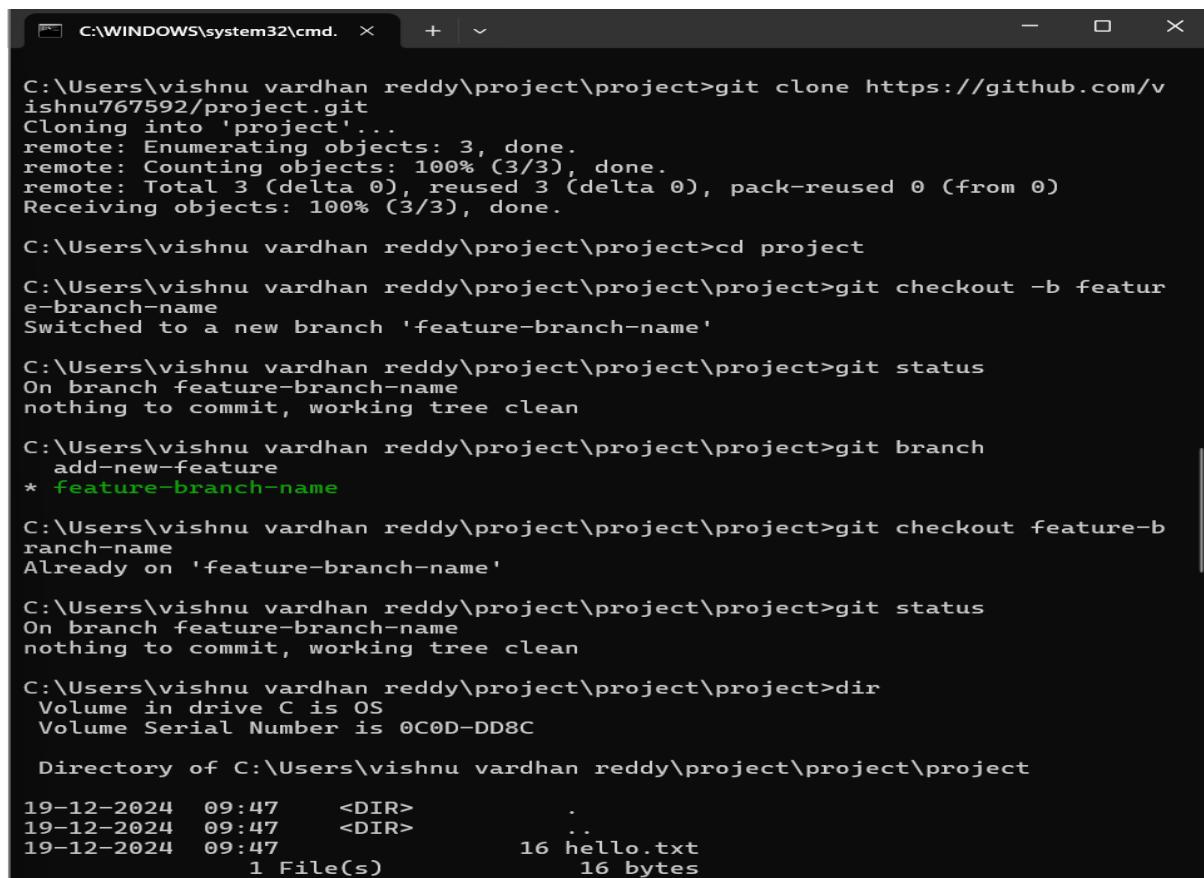
Type	# Key	Summary	Status	Sprint	Assignee	Priority
	> TMS-1	User Login and Role Assignment	DONE			=
	> TMS-2	User Login and Role Assignment	TO DO			=
	> TMS-3	Task Prioritization and Deadlines	IN PROGRESS			=
	> TMS-4	Progress Tracking and Reporting	TO DO			=
	> TMS-9	MUST HAVE	IN PROGRESS	TMS Sprint 1		⚠️
	> TMS-11	SHOULD HAVE	TO DO	TMS Sprint 2		⚠️
	> TMS-12	COULD HAVE	TO DO			=
	> TMS-13	WONT HAVE	DONE			=

+ Create

You're in a company-managed project Learn more

Type	# Key	Summary	Status	Sprint	Assignee	Priority
	> TMS-1	User Login and Role Assignment	DONE			=
	> TMS-2	User Login and Role Assignment	TO DO			=
	> TMS-3	Task Prioritization and Deadlines	IN PROGRESS			=
	> TMS-4	Progress Tracking and Reporting	TO DO			=
	> TMS-9	MUST HAVE	IN PROGRESS	TMS Sprint 1		⚠️
	> TMS-11	SHOULD HAVE	TO DO	TMS Sprint 2		⚠️
	> TMS-12	COULD HAVE	TO DO			=
	> TMS-13	WONT HAVE	DONE			=

9. Demonstrate how to work collaboratively in Git/GitHub on a project using the fork-and-pull request workflow. Tasks: 1. Fork an existing public GitHub repository (e.g., a sample JavaScript or Python project). 2. Clone the forked repository to your local machine using Git. 3. Create a new branch for the feature or change you want to work on. 4. Make modifications or add new features (e.g., add a function, fix a bug, or update the README). 5. Commit your changes and push the branch to GitHub. 6. Go to the GitHub repository and create a pull request to merge your feature branch into the main branch. 7. Review the pull request and provide feedback on the changes. 8. Respond to feedback by making additional commits to the Git/GitHub CO3 feature branch if necessary. 9. Once the pull request is approved, merge it into the main branch. 10. Finally submit the link to the pull request along with a summary of the changes you made and how you collaborated.



```
C:\Users\vishnu_vardhan_reddy\project\project>git clone https://github.com/vishnu767592/project.git
Cloning into 'project'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

C:\Users\vishnu_vardhan_reddy\project\project>cd project
C:\Users\vishnu_vardhan_reddy\project\project>git checkout -b feature-branch-name
Switched to a new branch 'feature-branch-name'

C:\Users\vishnu_vardhan_reddy\project\project\project>git status
On branch feature-branch-name
nothing to commit, working tree clean

C:\Users\vishnu_vardhan_reddy\project\project\project>git branch
* feature-branch-name

C:\Users\vishnu_vardhan_reddy\project\project\project>git checkout feature-branch-name
Already on 'feature-branch-name'

C:\Users\vishnu_vardhan_reddy\project\project\project>git status
On branch feature-branch-name
nothing to commit, working tree clean

C:\Users\vishnu_vardhan_reddy\project\project\project>dir
Volume in drive C is OS
Volume Serial Number is 0C0D-DD8C

Directory of C:\Users\vishnu_vardhan_reddy\project\project\project

19-12-2024  09:47    <DIR>          .
19-12-2024  09:47    <DIR>          ..
19-12-2024  09:47            16 hello.txt
                           1 File(s)       16 bytes
```

```
C:\WINDOWS\system32\cmd. X + | - X
C:\Users\vishnu vardhan reddy\project\project\project>cd ..

C:\Users\vishnu vardhan reddy\project\project>git log
commit 6b61e16400e682c84dcd9bfb5e0f0959ab496309 (HEAD -> feature-branch-name
, origin/feature-branch-name, origin/add-new-feature, origin/HEAD, add-new-f
eature)
Author: vishnu767592 <lekkalavishnu7675.com>
Date:   Sun Dec 15 15:09:02 2024 +0530

    Initial commit on add-new-feature

C:\Users\vishnu vardhan reddy\project\project>git push origin feature-branch
-name
Everything up-to-date

C:\Users\vishnu vardhan reddy\project\project>git add <filename>
The syntax of the command is incorrect.

C:\Users\vishnu vardhan reddy\project\project>git commit -m "Add new file"
On branch feature-branch-name
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    project/

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\vishnu vardhan reddy\project\project>git push origin feature-branch
-name
Everything up-to-date

C:\Users\vishnu vardhan reddy\project\project>git branch
  add-new-feature
* feature-branch-name

C:\Users\vishnu vardhan reddy\project\project>git checkout feature-branch-na
me
Already on 'feature-branch-name'

C:\Users\vishnu vardhan reddy\project\project>git remote -v
origin  https://github.com/vishnu767592/project.git (fetch)
origin  https://github.com/vishnu767592/project.git (push)
```

```
C:\WINDOWS\system32\cmd. × + ▾ - □ ×
origin https://github.com/vishnu767592/project.git (push)
:\Users\vishnu vardhan reddy\project\project>git diff
:\Users\vishnu vardhan reddy\project\project>git add .
warning: adding embedded git repository: project
int: You've added another git repository inside your current repository.
int: Clones of the outer repository will not contain the contents of
int: the embedded repository and will not know how to obtain it.
int: If you meant to add a submodule, use:
int:
int:   git submodule add <url> project
int:
int: If you added this path by mistake, you can remove it from the
int: index with:
int:
int:   git rm --cached project
int:
int: See "git help submodule" for more information.
int: Disable this message with "git config advice.addEmbeddedRepo false"
:\Users\vishnu vardhan reddy\project\project>git commit -m "Added a new function to improve user experience"
feature-branch-name 64aaa7c] Added a new function to improve user experience

1 file changed, 1 insertion(+)
create mode 160000 project

:\Users\vishnu vardhan reddy\project\project>git push origin feature-branch-name
numerating objects: 3, done.
ounting objects: 100% (3/3), done.
elta compression using up to 8 threads
ompressing objects: 100% (2/2), done.
riting objects: 100% (2/2), 290 bytes | 290.00 KiB/s, done.
otal 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
o https://github.com/vishnu767592/project.git
  6b61e16..64aaa7c  feature-branch-name -> feature-branch-name

:\Users\vishnu vardhan reddy\project\project>git add .
```

```
C:\WINDOWS\system32\cmd. + - X

hint:
hint: git submodule add <url> project
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint: git rm --cached project
hint:
hint: See "git help submodule" for more information.
hint: Disable this message with "git config advice.addEmbeddedRepo false"

C:\Users\vishnu vardhan reddy\project\project>git commit -m "Added a new function to improve user experience"
[feature-branch-name 64aaa7c] Added a new function to improve user experience
1 file changed, 1 insertion(+)
create mode 160000 project

C:\Users\vishnu vardhan reddy\project\project>git push origin feature-branch-name
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 290 bytes | 290.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/vishnu767592/project.git
  6b61e16..64aaa7c  feature-branch-name -> feature-branch-name

C:\Users\vishnu vardhan reddy\project\project>git add .

C:\Users\vishnu vardhan reddy\project\project>git commit -m "Addressed review comments"
On branch feature-branch-name
nothing to commit, working tree clean

C:\Users\vishnu vardhan reddy\project\project>git push origin feature-branch-name
Everything up-to-date

C:\Users\vishnu vardhan reddy\project\project>
```

chat gpt | ChatGPT | Pull req | sum of | +

vishnu767592 / project

Code Issues Pull requests Actions Projects Wiki Security ...

Label issues and pull requests for new contributors Dismiss

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

feature-branch-name had recent pushes 1 minute ago

Compare & pull request

Labels Milestones New

Filters is:pr is:open

0 Open 0 Closed

Welcome to pull requests!

Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).

chat gpt | ChatGPT | Added a | sum of t | +

https://github.com/vishnu767592/project/pull/1

Added a new function to improve user experience #1

Open vishnu767592 wants to merge 1 commit into `add-new-feature` from `feature-branch-name`

Conversation 0 Commits 1 Checks 0 Files changed 1

vishnu767592 commented now

Owner ...

hello word

Added a new function to improve user experience 64aaa7c

Require approval from specific reviewers before merging [Rulesets](#) ensure specific people approve pull requests before they're merged. [Add rule](#) [X](#)

Continuous integration has not been set up [GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch Merging can be performed automatically.

Merge pull request You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Try the new merge experience

A screenshot of a web browser showing a GitHub pull request merge interface. The URL in the address bar is <https://github.com/vishnu767592/project/pull/1>. The page title is "Merged". The main content area shows a merged commit from `vishnu/b/592` into `add-new-feature` from branch `feature-branch-name`. The commit message is "Added a new function to improve user experience" and the commit hash is `64aaa7c`. A comment from `vishnu767592` says "hello word". Below the commit, there is a merge message: "vishnu767592 merged commit `3270612` into `add-new-feature` now". A "Revert" button is visible next to this message. A purple callout box at the bottom left states "Pull request successfully merged and closed" and "You're all set—the `feature-branch-name` branch can be safely deleted." It includes a "Delete branch" button. A "Try the new merge experience" link is also present. At the bottom, there is a comment input field with "Add a comment" and "Write" and "Preview" tabs, along with rich text editing tools.

Merged

<https://github.com/vishnu767592/project/pull/1>

Conversation 0 Commits 1 Checks 0 Files changed 1

vishnu767592 commented now

Owner ...

hello word

Added a new function to improve user experience 64aaa7c

vishnu767592 merged commit 3270612 into add-new-feature now Revert

Pull request successfully merged and closed

You're all set—the feature-branch-name branch can be safely deleted.

Delete branch

Try the new merge experience

Add a comment

Write Preview

Add your comment here...

10. Demonstrate how to work with Git branches and resolve merge conflicts when collaborating with others. Tasks: 1. Clone a shared repository to your local machine. 2. Create a new branch and switch to it. 3. Make changes to a file (e.g., update a README or modify code in a specific function). 4. Commit your changes. 5. Push the changes to the remote repository. 6. Before merging, pull the latest changes from the main branch. 7. Switch back to your feature branch. 8. Merge the main branch into your feature branch. 9. If there are conflicts, resolve them manually by editing the conflicting files. After resolving conflicts, mark the conflicts as resolved. 10. Commit the resolved merge. 11. Push your feature branch with the merged changes to GitHub and create a pull request. 12. Submit a summary of the steps you performed, the conflicts you encountered, and how you resolved them.

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "Pull requests" and has the URL <https://github.com/vishnu767592/git/pulls>. The GitHub interface is visible, showing a "Label issues and pull requests for new contributors" message, a yellow banner for a recent push, and a list of filters and status indicators. At the bottom, there's a "Welcome to pull requests!" message and instructions for creating a pull request.

chat gpt ai free | sum of two nu | Comparing ma | +

vishnu767592 / git

Code Issues Pull requests Actions Projects Wiki Security ...

Label issues and pull requests for new contributors

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

vishnu767592-patch-1 had recent pushes 6 minutes ago

Compare & pull request

New

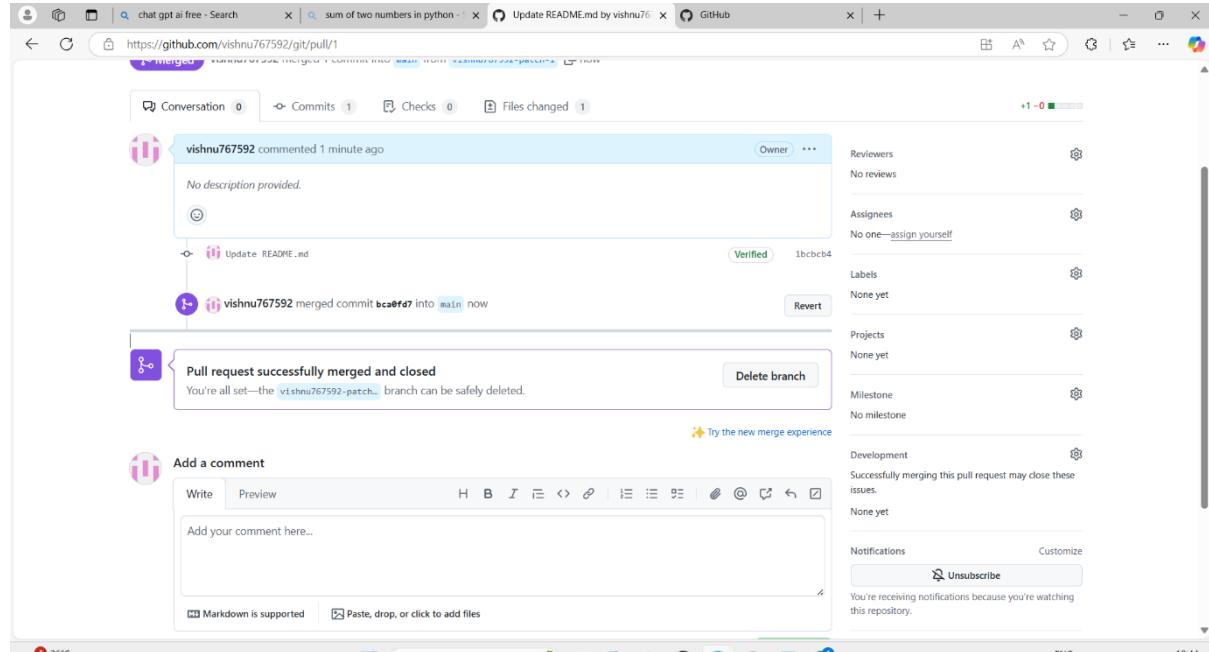
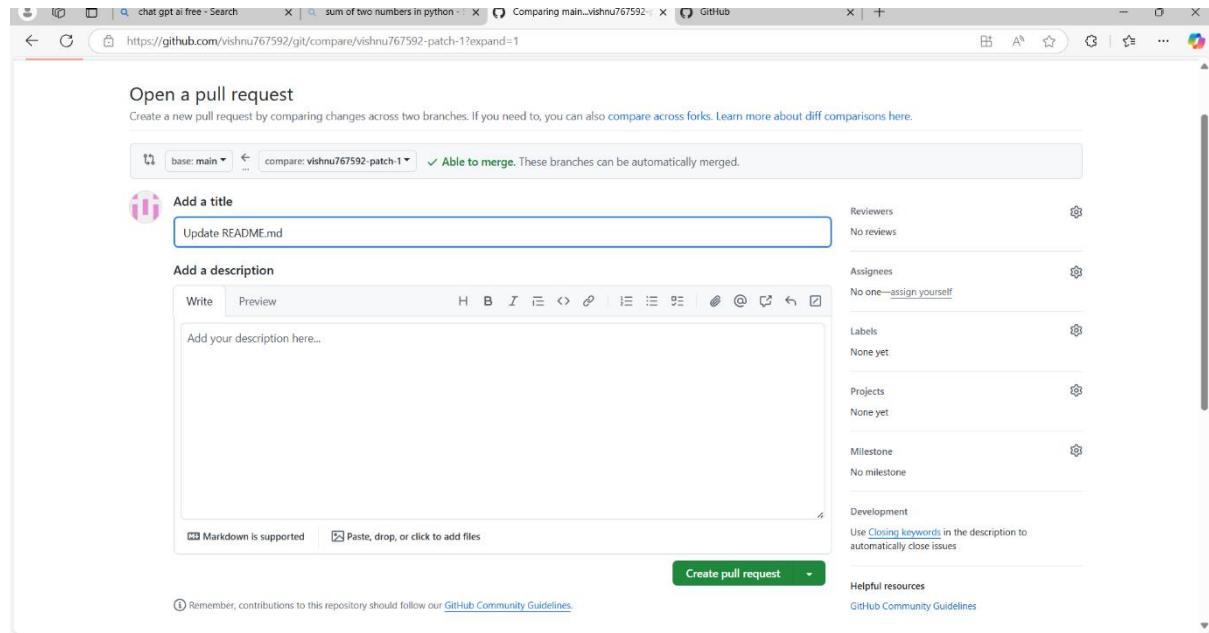
Labels Milestones

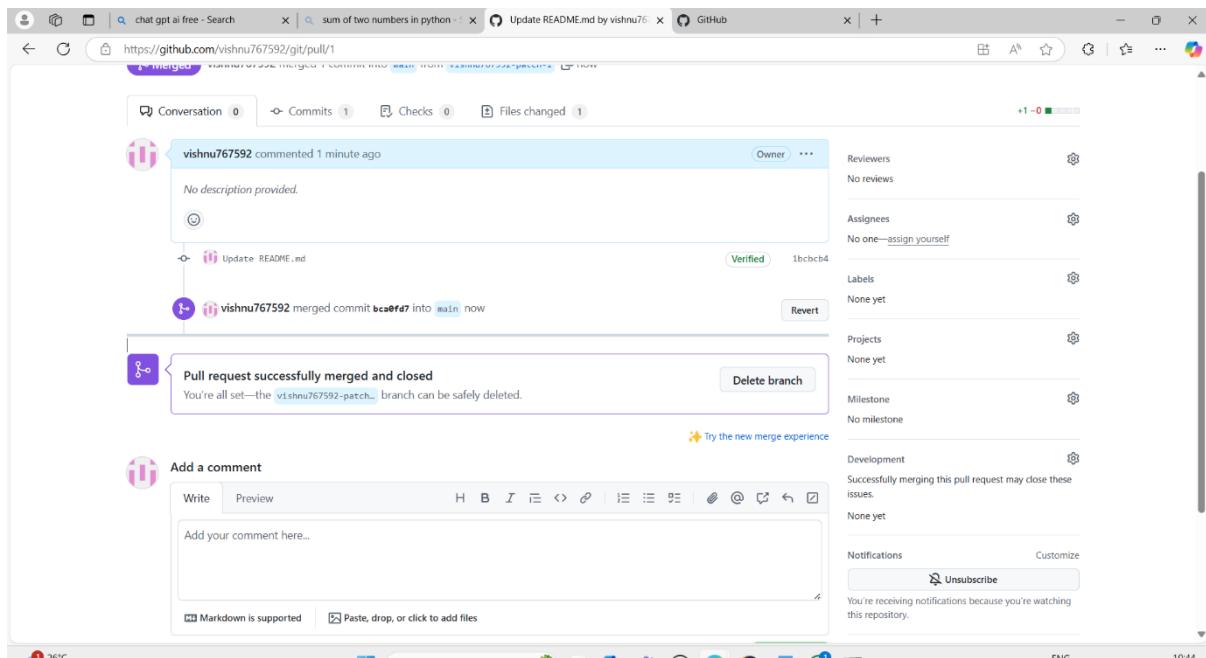
Filters is:pr is:open

0 Open 0 Closed

Welcome to pull requests!

Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).





11.Create a Static Website and Containerize, Build & Serve it using Docker. Tasks: 1. Create a Simple Static Website (index.html file) with basic HTML content. 2. Write/create a Dockerfile to serve the website using Nginx. 3. Build the Docker Image 4. Run the container: 5. Access the Website us

```
Microsoft Windows [Version 10.0.26100.2314]
© Microsoft Corporation. All rights reserved.

:C:\Users\vishnu vardhan reddy>mkdir static-website && cd static-website

:C:\Users\vishnu vardhan reddy\static-website>touch Dockerfile
'touch' is not recognized as an internal or external command,
operable program or batch file.

:C:\Users\vishnu vardhan reddy\static-website>echo . > Dockerfile

:C:\Users\vishnu vardhan reddy\static-website>dir
Volume in drive C is OS
Volume Serial Number is 0C0D-DD8C

Directory of C:\Users\vishnu vardhan reddy\static-website

5-12-2024  22:25    <DIR>          .
5-12-2024  22:23    <DIR>          ..
5-12-2024  22:25              3 Dockerfile
                           1 File(s)           3 bytes
                           2 Dir(s)  313,745,842,176 bytes free

:C:\Users\vishnu vardhan reddy\static-website>docker build -t static-website:
.
+] Building 0.4s (1/1) FINISHED                               docker:desktop-linux
=> [internal] load build definition from Dockerfile          0.2s
=> => transferring dockerfile: 40B                            0.0s
Dockerfile:1
-----
1 | >>>
2 |
-----
ERROR: failed to solve: file with no instructions

:C:\Users\vishnu vardhan reddy\static-website>docker build -t static-website:
.
+] Building 0.2s (1/1) FINISHED                               docker:desktop-linux
=> [internal] load build definition from Dockerfile          0.0s
=> => transferring dockerfile: 40B                            0.0s
Dockerfile:1
```

ing a Browser

```
docker run -d -p 808080c ●
```

File Edit View

```
FROM nginx:latest
COPY index.html /usr/share/nginx/html
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
```

View Sort View ...

	Name	Status	Date modified	Type	Size
Home	Dockerfile.txt	○	15-12-2024 22:27	Text Document	1 KB
Gallery	index.html	○	15-12-2024 22:25	Microsoft Edge HT...	1 KB

Lekkala - Personal

- Downloads
- Music
- 5319275A.What's
- Videos
- Docker
- C
- New folder
- mysql-connector-j-

This PC Network

IS

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker>New folder> ren "Dockerfile.txt" Dockerfile
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker>New folder> |
```



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker>New folder> docker
build -t static-website:1.0 .
[+] Building 14.3s (5/7)
      docker:desktop-linux
=> [internal] load build definition from Dockerfile
               0.1s
=> => transferring dockerfile: 143B
               0.0s
=> [internal] load metadata for docker.io/library/nginx:latest
               4.2s
=> [auth] library/nginx:pull token for registry-1.docker.io
               0.0s
=> [internal] load .dockerignore
               0.1s
=> => transferring context: 2B
               0.0s
=> [internal] load build context
               0.2s
=> => transferring context: 251B
[+] Building 23.2s (8/8) FINISHED
      docker:desktop-linux
=> [internal] load build definition from Dockerfile
               0.1s
=> => transferring dockerfile: 143B
               0.0s
=> [internal] load metadata for docker.io/library/nginx:latest
               4.2s
=> [auth] library/nginx:pull token for registry-1.docker.io
               0.0s
=> [internal] load .dockerignore
               0.1s
=> => transferring context: 2B
               0.0s
=> [internal] load build context
               0.2s
=> => transferring context: 251B
=> [1/2] FROM docker.io/library/nginx:latest@sha256:fb197595ebe76b9 16.0s
=> => resolve docker.io/library/nginx:latest@sha256:fb197595ebe76b9c 0.1s
=> => sha256:362f35df001b4bd6f8733cd4abe8e1493582782404f 955B / 955B 0.5s
=> => sha256:7b50399908e1c0958c409f3c844d61736fd41e3 1.21kB / 1.21kB 0.8s
=> => sha256:13e320bf29cd3ef51b06a3dfe259b2582d48be27a9a 404B / 404B 1.1s
=> => sha256:57b64962dd94d4818372adf30dc0e2ca4803c46 1.40kB / 1.40kB 1.0s
=> => sha256:650ee30bbe5efddbef9cc0245ba52b133d3c 43.84MB / 43.84MB 13.4s
```

```

9.2MB
$ C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
run -d -p 8080:80 --name static-website-container static-website:1.0
e231779129a7523394d864ce9215dcfbda76aa5606ab0449227b84f81651bd9
$ C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
ls
CONTAINER ID   IMAGE                               COMMAND                  CREATED
           STATUS      PORTS                 NAMES
e231779129a   static-website:1.0                "/docker-entrypoint...."   21 secon
s ago         Up 20 seconds  0.0.0.0:8080->80/tcp  static-website-container
ad83457ecd6   115d77efe6e2                   "/storage-provisione..."   10 minut
s ago         Up 10 minutes
ge-provisioner_kube-system_f382cea7-3102-4e8e-acc0-d5b88d1db9a3_17
e279d9878e7   1eeb4c7316ba                   "/coredns -conf /etc..."   11 minut
s ago         Up 11 minutes
k8s_storage-provisioner_stor
id-757dg_kube-system_1e8f0a4c-b68a-4fb2-be9e-e7bd3773335b_7
9bd4ad69455   1eeb4c7316ba                   "/coredns -conf /etc..."   11 minut
s ago         Up 11 minutes
k8s_coredns_coredns-7db6d8ff
d-r2vj2_kube-system_b8a2977e-5876-40c4-9d65-24a2ca75fe54_7
b424ebf40b2   7ecf567ea070                   "/kube-vpnkit-forwar..."   11 minut
s ago         Up 11 minutes
k8s_vpnkit-controller_vpnkit
controller_kube-system_00b3deb7-f726-422e-9cbb-da86b9a3c4b5_8
199dc726b64   8a44c6e094af                   "/usr/local/bin/kube..."   11 minut
s ago         Up 11 minutes
k8s_kube-proxy_kube-proxy-hp
mtb_kube-system_c0575b85-c6eb-41ef-87e3-a045a409411d_8
4e70aae1647   registry.k8s.io/pause:3.9     "/pause"                 11 minut
s ago         Up 11 minutes
k8s_POD_vpnkit-controller_ku
re-system_00b3deb7-f726-422e-9cbb-da86b9a3c4b5_8
78424188d648   registry.k8s.io/pause:3.9     "/pause"                 11 minut
s ago         Up 11 minutes
k8s_POD_coredns-7db6d8ff4d-r
vj2_kube-system_b8a2977e-5876-40c4-9d65-24a2ca75fe54_7
faeabbf1cde   registry.k8s.io/pause:3.9     "/pause"                 11 minut
s ago         Up 11 minutes
k8s_POD_storage-provisioner_
ube-system_f382cea7-3102-4e8e-acc0-d5b88d1db9a3_8
edaa37bc38a   registry.k8s.io/pause:3.9     "/pause"                 11 minut
s ago         Up 11 minutes
k8s_POD_coredns-7db6d8ff4d-7
7dg_kube-system_1e8f0a4c-b68a-4fb2-be9e-e7bd3773335b_7
3d3fb35ede1   registry.k8s.io/pause:3.9     "/pause"                 11 minut
s ago         Up 11 minutes
k8s_POD_kube-proxy-hpmtb_kub

```

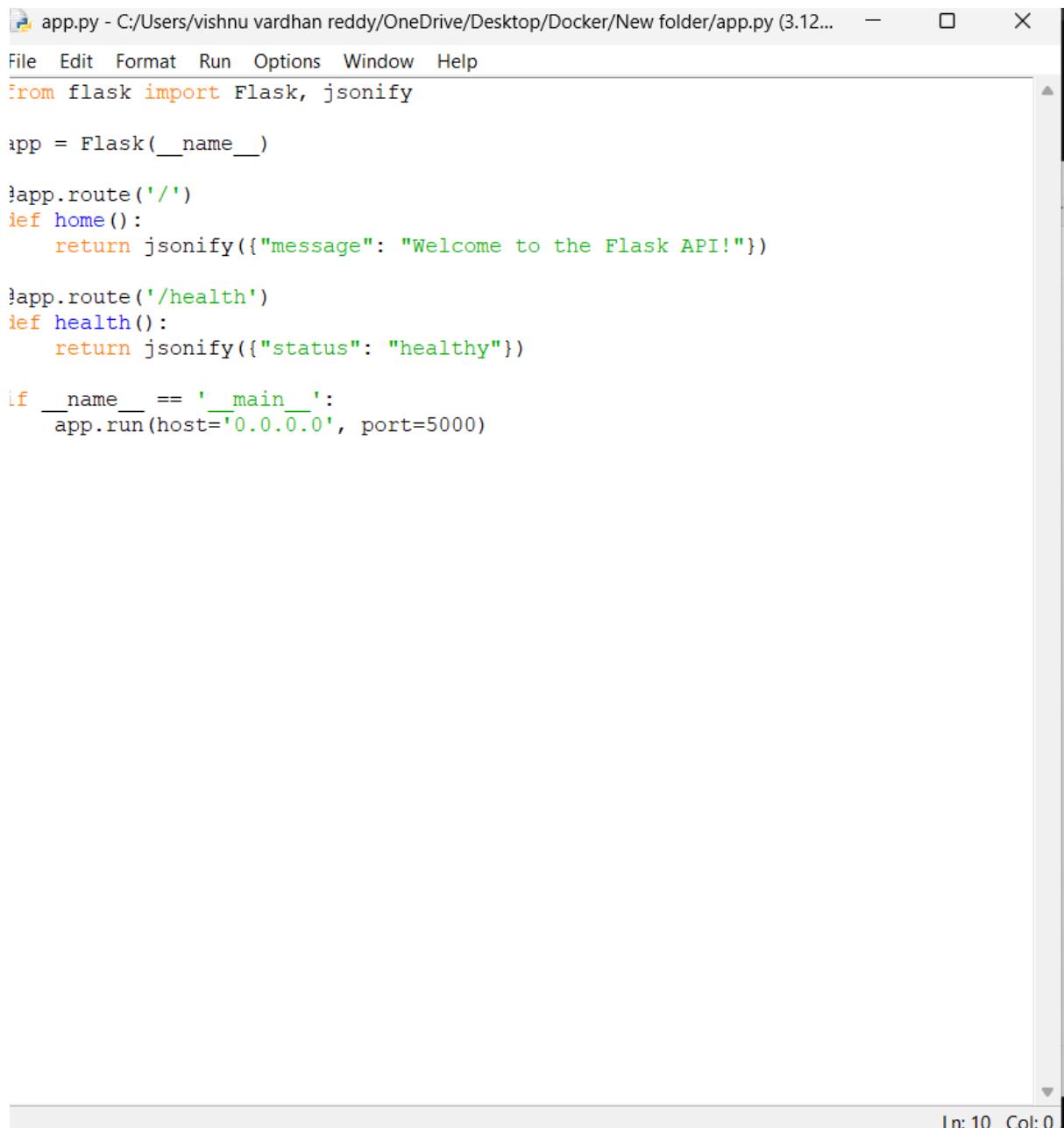
REPOSITORY	TAG	IMAGE ID	CREATED
static-website	1.0	e83ab6c485fd	13 seconds ago
278MB			
python312-trial	latest	1b3ed03f9335	8 days ago
207MB			
vishnu7675/python312-trial	latest	1b3ed03f9335	8 days ago
207MB			
jenkins/jenkins	latest	5ac04a752146	12 days ago
785MB			
jenkins/jenkins	lts	e728082cd6a2	2 weeks ago
778MB			
python312	latest	aa39fa629596	2 weeks ago
187MB			
python312-vishnu	latest	1a78c96eebf8	2 weeks ago
187MB			
swaggerapi/swagger-ui	latest	acbb2c3774cc	5 weeks ago
161MB			
python	latest	bc78d3c007f8	8 weeks ago
1.47GB			
docker/desktop-kubernetes	kubernetes-v1.30.5-cni-v1.4.0-crit		
ools-v1.29.0-cri-dockerd-v0.3.11-1-debian	7a7b02256c8d	2 months ago	
625MB			
registry.k8s.io/kube-apiserver	v1.30.5	7746ea55ad74	3 months ago
153MB			
registry.k8s.io/kube-controller-manager	v1.30.5	bbd15d267294	3 months ago
146MB			



Welcome to My Static Website!

This is served using Nginx in a Docker container.

12. Create a Simple Python Flask API, Containerize the Application, Build & Push the Image using Docker and Deploy the Application using Kubernetes. Tasks: 1. Create a Simple Flask API by writing a Python file (app.py) with basic endpoints. 2. Containerize the Flask App using Dockerfile. 3. Build the Image using Docker. 4. Push the Image to Docker Hub. 5. Create Kubernetes manifests (Deployment YAML & Service YAML) to deploy the application. 6. Apply the Manifests and Access the API via Nod



The screenshot shows a code editor window with the file 'app.py' open. The code defines a Flask application with two routes: '/' and '/health'. The '/' route returns a welcome message, and the '/health' route returns a healthy status. The code also includes a main block that runs the application on port 5000 if it's the main module.

```
app.py - C:/Users/vishnu vardhan reddy/OneDrive/Desktop/Docker/New folder/app.py (3.12...)
```

```
File Edit Format Run Options Window Help
```

```
from flask import Flask, jsonify

app = Flask(__name__)

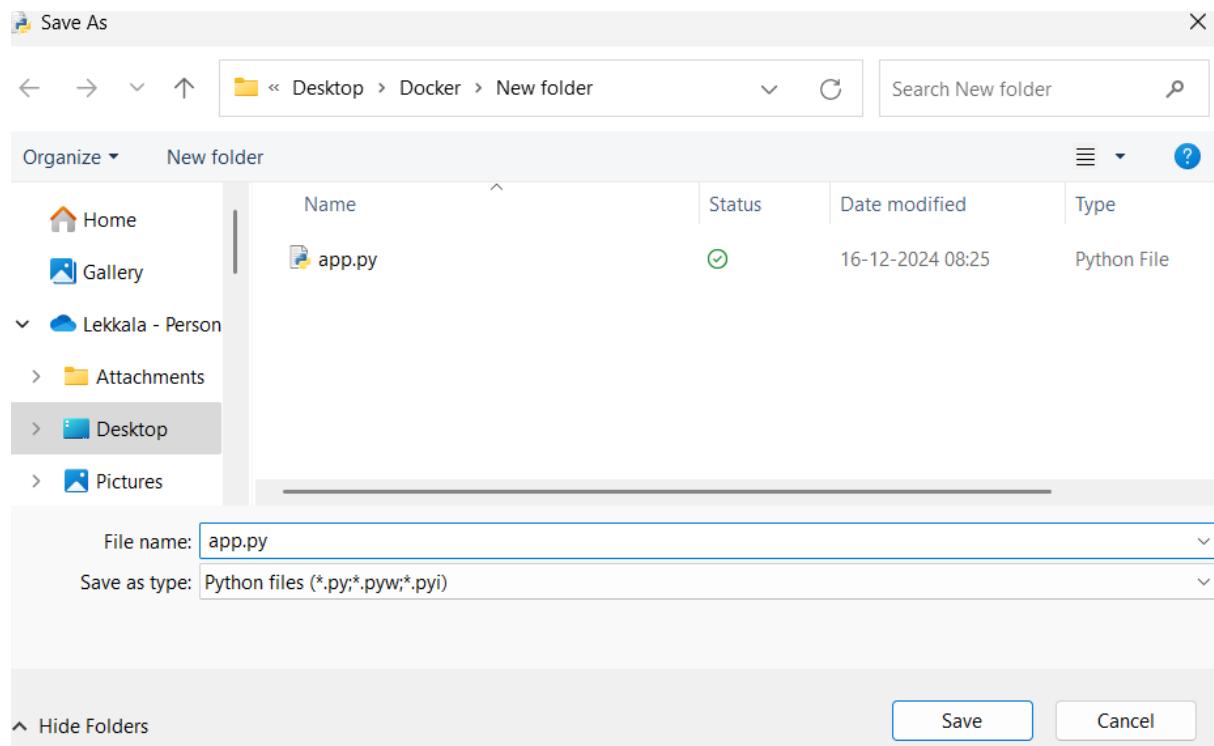
@app.route('/')
def home():
    return jsonify({"message": "Welcome to the Flask API!"})

@app.route('/health')
def health():
    return jsonify({"status": "healthy"})

if __name__ == '__main__':
    app.run(host='0.0.0.0', port=5000)
```

Ln: 10 Col: 0

ePort.

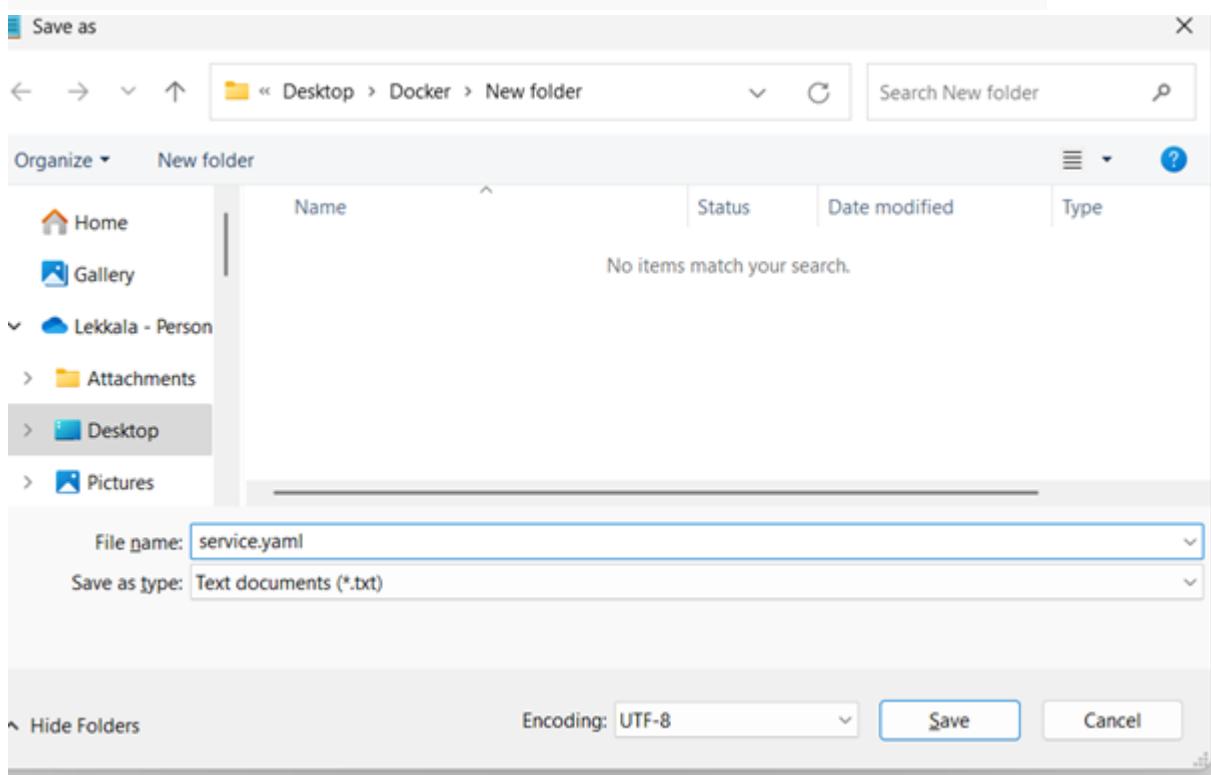


```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

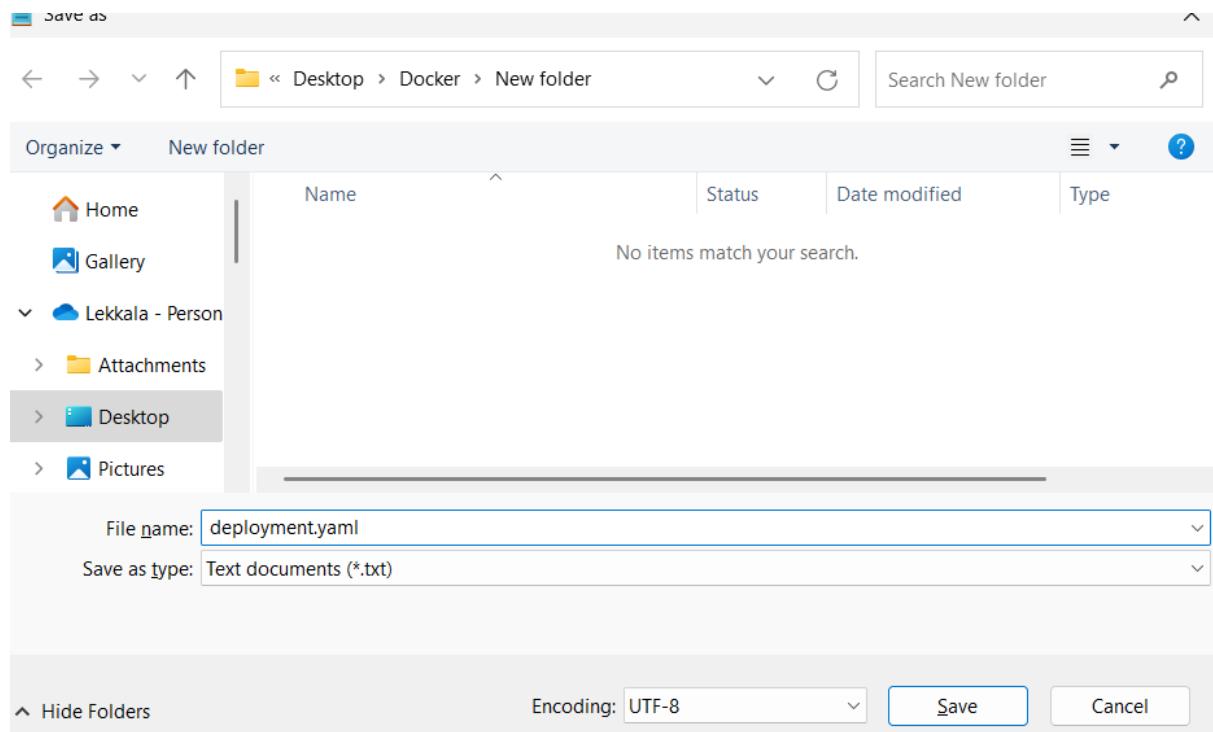
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker build -t your-dockerhub-username/flask-api:latest .
[+] Building 18.6s (9/9) FINISHED                                            docker:default
=> [internal] load build definition from Dockerfile                      0.0s
=> => transferring dockerfile: 146B                                         0.0s
=> [internal] load metadata for docker.io/library/python:3.9-slim          1.1s
=> [internal] load .dockerignore                                           0.0s
=> => transferring context: 2B                                           0.0s
=> [1/4] FROM docker.io/library/python:3.9-slim@sha256:4ee0613170ac5    0.1s
=> => resolve docker.io/library/python:3.9-slim@sha256:4ee0613170ac5    0.0s
=> [internal] load build context                                           0.0s
=> => transferring context: 804B                                         0.0s
=> CACHED [2/4] WORKDIR /app                                              0.0s
=> [3/4] COPY . /app                                                 0.1s
=> [4/4] RUN pip install flask                                         15.0s
=> exporting to image                                                 1.7s
=> => exporting layers                                              1.1s
=> => exporting manifest sha256:20af2873fd4aa48ab066649d515aa74589be 0.0s
=> => exporting config sha256:e18e14d72bca4cd3c53ef9c814a26537ca49be 0.0s
=> => exporting attestation manifest sha256:e5ff7cb4ce7a7e6b18a86503 0.1s
=> => exporting manifest list sha256:cace617af72ab0bb79de150b11c987a 0.0s
=> => naming to docker.io/your-dockerhub-username/flask-api:latest     0.0s
=> => unpacking to docker.io/your-dockerhub-username/flask-api:lates   0.4s
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker login
Authenticating with existing credentials...
Login Succeeded
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker push your-dockerhub-vishnu7675/flask-api:latest
The push refers to repository [docker.io/your-dockerhub-vishnu7675/flask-api]
]
1e0d8d5b7b56: Waiting
6bf643872378: Waiting
c07f3a6e2bd8: Waiting
620e6feef881: Waiting
```

```
apiVersion: v1
kind: Service
metadata:
  name: flask-api-service
spec:
  type: NodePort
  selector:
    app: flask-api
  ports:
    - protocol: TCP
      port: 5000
      targetPort: 5000
      nodePort: 30007
```



The screenshot shows a code editor interface with a tab bar at the top containing files: requirement, index.html, Dockerfile, deplo (which is the active tab), and service.yaml. Below the tab bar is a menu bar with File, Edit, and View options. The main content area displays a YAML configuration for a Kubernetes Deployment:

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: flask-api-deployment
  labels:
    app: flask-api
spec:
  replicas: 2
  selector:
    matchLabels:
      app: flask-api
  template:
    metadata:
      labels:
        app: flask-api
    spec:
      containers:
        - name: flask-api
          image: your-dockerhub-username/flask-api:latest
          ports:
            - containerPort: 5000
```



```

PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
login
authenticating with existing credentials...
login Succeeded
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
push your-dockerhub-vishnu7675/flask-api:latest
The push refers to repository [docker.io/your-dockerhub-vishnu7675/flask-api

e0d8d5b7b56: Waiting
5bf643872378: Waiting
c07f3a6e2bd8: Waiting
620e6feef881: Waiting
b0a38cdf1c67: Waiting
bc0965b23a04: Waiting
e898f07f768a: Waiting
c3edffebd723: Waiting
push access denied, repository does not exist or may require authorization:
server message: insufficient_scope: authorization failed
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> kubectl
apply -f deployment.yaml
deployment.apps/flask-api-deployment created
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> kubectl
apply -f service.yaml
error: error parsing service.yaml: error converting YAML to JSON: yaml: line
15: could not find expected ':'
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> kubectl
get pods
NAME                           READY   STATUS        RESTARTS
AGE
flask-api-deployment-c67fdbfd-2lr7d   0/1     ErrImagePull      0
10s
flask-api-deployment-c67fdbfd-9qppc   0/1     ImagePullBackOff  0
10s
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> kubectl
get services
NAME          TYPE      CLUSTER-IP    EXTERNAL-IP   PORT(S)    AGE
kubernetes   ClusterIP  10.96.0.1    <none>       443/TCP    13d
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> minikub

PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
tag cace617af72a vishnu7675/flask-api:latest
PS C:\Users\vishnu vardhan reddy\OneDrive\Desktop\Docker\New folder> docker
push vishnu7675/flask-api:latest
The push refers to repository [docker.io/vishnu7675/flask-api]
620e6feef881: Pushed
bc0965b23a04: Mounted from vishnu7675/python312-trial
846dcccd2ae5a: Pushed
c3edffebd723: Pushed
2f22cd81d6e5: Pushed
dabe3af3a2cf: Pushed
c07f3a6e2bd8: Pushed
e898f07f768a: Pushed
latest: digest: sha256:cace617af72ab0bb79de150b11c987aec4b92a8a04aaf38201c7e
54549fb0e30 size: 856

```

The screenshot shows a web browser window with multiple tabs open. The active tab displays the Docker Hub repository page for 'vishnu7675/flask-api'. The page includes sections for 'Docker commands' (with a command line input field containing 'docker push vishnu7675/flask-api:tagname'), 'Public view' (highlighted with a blue border), 'Tags' (listing one tag: 'latest'), and 'Automated builds' (describing the feature and an 'Upgrade' button).

Docker commands

To push a new tag to this repository:

```
docker push vishnu7675/flask-api:tagname
```

Public view

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	a minute ago	a minute ago

[See all](#)

Automated builds

Manually pushing images to Docker Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds ↗](#).

[Upgrade](#)