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Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF COMPUTER SCIENCE ENGINEERING AND INFORMATION SYSTEMS

Fall Semester 2023-2024

SWE2006 – SOFTWARE PROJECT MANAGEMENT

J-COMPONENT PROJECT

REVIEW – 1

FACULTY

PRABU J

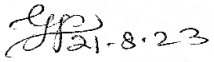
TOPIC

SMARTPHONE PRODUCTION SYSTEM

TOOL NAME: **ASANA TOOL**

SLOT: **G2**

TEAM MEMBERS

REG.NO	NAME	SIGNATURE
21MIS0051	Yagavi K	
21MIS0123	Pranay Gorantla	
21MIS0244	Shakthi Shamruth Dhamotharan	

ASANA TOOL

History of asana tool:

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As Asana evolved, its growth trajectory was shaped by user feedback, a hallmark of successful software development. The strategic decision to introduce a free version in 2011 widened its user base, while the premium plan and API in 2012 demonstrated their commitment to providing advanced functionalities. The replacement of emails with the inbox tool showcased a forward-thinking approach to communication, and subsequent additions like the Organization and calendar functions further expanded Asana's capabilities.

The redesign in 2015, driven by user input, not only illustrates the company's willingness to listen but also resulted in a significant uptick in usage. This shows the power of user-centric design and the impact it can have on a product's success. Asana's continuous innovation speaks to its commitment to helping users optimize productivity. This approach aligns well with your interests in software project management and software metrics.

The Asana journey is a testament to how software engineering can transform not only workflows but also entire industries. It's inspiring to witness the evolution of a tool that allows individuals and teams to adopt a more streamlined and efficient approach to their work.

Features:

• Asana tool helps both the individuals and teams break down big tasks into manageable pieces.

• It is an all-inclusive work management platform to keep track of the progress

• One can make on projects and tasks, exchange files, comments, and notes, keep track of their deadlines. It is a modern way to work together.

• Asana, a task management software uses features like workspaces, projects, sections, and tasks to manage projects and work related to different clients or teams.

• Asana is built for teams so that they spend less time in meetings, writing status emails, and genuinely working on what is required to be done.

• With Asana, teams can work faster and take on interesting goals.

1. Workspaces:

- In helps to make all work for teams and helps in team formation.
- It is a shared work area for users to collaborate on projects and tasks.
- These are the big building blocks of yourAsana tool.
- For different clients or teams, you can create different workspaces for each of them.

2. Projects:

- These help to understand different flows of activity. It is space where you will have your series of projects.
- They are a main organizational unit in Asana and can be both public and private.
- One can color-code them and have different filters in the projects section: priority, assigned people, and tags.

3. Tasks:

- They are used to juggle with one's work's building blocks.
- It simply puts the level of organizing work in Asana is to-dos. One can create tasks, add a variety of information to them, and keep work balanced.

4.Calendar:

- It is an alternative view for the tasks.
- The calendar in Asana lets one view all the tasks that are due to be done.
- Using the Asana calendar, you can easily switch between list view and calendar view so as to see which tasks are due when.

Merits:

- The design of the interface is really good-looking.
- An easy-to-access calendar synced with all of your tasks.
- Email integration.
- Possible to view personal tasks in one place.
- Asana is an easy-to-use application having a flexible UI.

The following features make job enjoyable and easier:

› Gannt chart, assigning someone for specific project or job through mentioning,

› Activity monitoring and productivity measurement,

› Interactive Dashboard,

› Task prioritization,

› Project management,

› Team management,

› Collaboration.

Demerits:

- There isn't an easy way to see all items across multiple projects that are due on the same day or week.
- The program is heavily text-based, so it is common to break structure, remove a task, or change its naming.
- You cannot assign multiple people to the same task.
- With so many tasks in the same place sometimes the process gets slower.
- Asana doesn't have time tracking features, so you'll need an external time tracking app.

JIRA TOOL

History of Jira tool:

The story of Jira and Atlassian is an inspiring testament to the remarkable journey of a software platform and the growth of an extraordinary company. Launched by Atlassian in 2002 as a bug and issue tracking platform tailored for software developers, Jira quickly emerged as a pivotal tool in the industry. Atlassian, hailing from Australia, stands as a shining example of entrepreneurial success, boasting a substantial market capitalization of $37.90 billion. The journey's timeline paints a vivid picture of Atlassian's evolution: from the serendipitous meeting of its founders, Mike Cannon-Brookes and Scott Farquhar, at the University of New South Wales in 1998, to the registration of Atlassian as a business name in 2001, which laid the groundwork for what was to come. The release of Jira 1.0 in 2002, pioneered by college friends, marked the beginning of an innovative solution that would transform project management in the software realm. The subsequent milestones, such as the release of Confluence 1.0 in 2003 and the establishment of Atlassian's first European office in Amsterdam in 2009, showcased the company's rapid expansion and global reach. Notable acquisitions, including Bitbucket, Hipchat, Trello, and Opsgenie, further enriched Atlassian's offerings, solidifying its presence in the software development landscape. The journey culminated in 2015 with Atlassian's listing on NASDAQ as TEAM, a pivotal moment that highlighted the company's immense growth and influence. This timeline underscores the power of innovative solutions, strategic acquisitions, and unwavering commitment, aligning closely with your interests in software project management and configuration. It serves as a source of valuable insights for a perceptive student like you, illustrating how pioneering ideas and dedicated execution can lead to transformative success in the software engineering realm.

Features:

Communication

- •Wiki Documentation
- •Community Forum
- •Customer Ideation

Planning

- •Work Capacity

- •Task Ranking
- •Kanban Board
- •Custom Workflows
- •Release Forecasting

Workflow Management

- •Time Tracking
- •Progress Monitoring
- •Budgeting
- •Team Scorecard

Bug Reporting

- •User Reports & Feedback
- •Team Reports & Comments
- •Bug Monitoring
- •Bug History

Merits:

1. Adaptability and Personalization: Jira allows for significant customization, enabling teams to mould the application to their unique workflows, procedures, and project kinds. Both software development initiatives and other types of projects can benefit from this flexibility.

2. Jira is highly adaptable and customizable, allowing teams to shape the software to their particular processes, practises, and project types. This flexibility can be useful for both software development initiatives and other kinds of undertakings.

3.Issuance Tracking: Jira's strong issue tracking tools are its key strength. Throughout the development lifecycle, teams may create, allocate, prioritise, and track issues, tasks, and user stories.

4.Integration: Jira easily interacts with a variety of tools for collaboration and development. Jira may more easily be linked to other technologies your team uses, like as version control systems, continuous integration tools, and communication platforms, thanks to this connection functionality.

5. Priority Reporting: Jira offers a variety of reporting and analytics tools that support teams in keeping track of project developments, KPIs, and areas for growth.

6. Extensive Market; There is a sizable market of plugins and add-ons for Jira that increase its capability. This enables teams to add features to Jira that are tailored to their requirements without having to start from scratch.

Demerits:

1.Curve of Learning Jira has a wealth of features, which might make learning difficult for beginners. It might take some time to configure and use the tool efficiently, especially for team members who are less tech-savvy.

2.Complicatedness for Simple Projects: Because of its many functionalities, Jira may seem unnecessarily complicated for straightforward or small projects that don't need all the bells and whistles.

3. Cost: Although Jira has a free version for small teams, the more sophisticated features and the ability to support bigger teams are paid-for. The cost may be a factor for larger teams or organisations.

4. Maintenance Overhead: Extensive customization of Jira may necessitate continuing maintenance and administration activities, which can increase the administrative and IT staff's workload.

5. Resource-Intensive: Jira could use a lot of server resources, which could affect speed or raise operating expenses depending on the volume of your usage and the complexity of your setup.

6. Resource-Intensive: Jira might consume a lot of server resources, which could slow things down or increase costs, depending on how much you use it and how complicated your setup is.

ODOO TOOL

History of Odoo tool:

In 2005, the groundwork for Odoo began with the development of Tiny ERP, which evolved into Odoo v1 (TinyERP 1.0). Subsequent versions like Odoo v2 and v3 were released in 2005, followed by Odoo v4 in 2006. In 2009, TinyERP became OpenERP with the release of Odoo v5, bringing in integration with Google Docs and social media. Odoo v6 arrived in 2011, introducing a web client and changing the license to AGPL.

In 2012, Odoo v6.1 phased out the GTK client and introduced the Ajax Web Client, leading to the release of Odoo v7 later that year, which enhanced usability. OpenERP was renamed to Odoo in 2014, coinciding with the release of Odoo v8.0. This marked the addition of features like POS, E-Commerce, and Business Intelligence.

Odoo v9.0 was released in 2015 with revamped accounting features and a shift to a dual-edition approach. Odoo v10.0, launched in 2016, brought notable changes to the MRP module and service support. In 2017, Odoo v11.0 switched to Python 3 and made improvements to Studio, services support, and reporting.

Odoo v12.0 arrived in 2018, featuring enhancements such as document management and IoT integration. The year 2019 saw the release of Odoo 13, which brought several awaited features like Subcontracting in the MRP module, Skill Management, and improvements in inventory forecasting, UI widgets, and e-commerce capabilities.

Features:

- •Customizable
- •User-friendly
- •Improved communication
- •Enhanced Customer management
- •Quick Reports
- •Time management
- •Quick integration support

Merits:

1. Integrated Platform: Odoo provides an integrated platform that unifies numerous business operations, including project management, CRM, sales, inventory, accounting, and more. A comprehensive picture of your company's operations may be provided through this integration.

2. Using a modular approach: By choosing the specific modules that suit your needs, you can modify Odoo. As a result, you may customise the platform to meet your project management needs without adding extra functionality.

3. Planning the project: Odoo has tools for establishing milestones, defining tasks, assigning roles, and planning projects. Gantt charts can be made to show project dependencies and timelines.

4. Collaboration: By enabling communication, document sharing, and progress tracking within the platform, Odoo promotes teamwork.

5. Resource Allocation: By managing resources and allocating them to various projects, you can make sure that team members are well utilised and that workloads are balanced.

6. Time Monitoring: With the help of Odoo's time tracking features, you can keep track of how much time is spent on various tasks and projects. This is helpful for keeping track of project expenses and forecasting future work.

Demerits:

1. Initial Learning Curve: The large feature set of Odoo can be challenging for teams who are new to the platform because of the steep learning curve. It could be important to receive training to ensure effective use.

2. Customization Difficulty Although the modular model has benefits, substantial customisation can be difficult to maintain and necessitate constant upkeep and upgrades.

3. Complexity for Tiny Projects: Odoo's extensive feature set may seem superfluous and overkill for simple, small-scale applications.

4. Performance Considerations: Odoo may need a lot of server resources, which could affect performance or raise operating expenses depending on the volume of your usage and the complexity of your setup.

5. Cost: Depending on the modules you select and the number of users, Odoo costs can change. Larger groups or organisations may incur more expenses.

6. Software Updates: Odoo must receive regular software updates to remain current and safe. IT resources might be needed for testing and installation

SCORO TOOL

History of Scoro:

Founded in 2013 in Tallinn, Estonia, Scoro has established itself as a significant player in the business management software arena. The company's journey has been marked by successful fundraising efforts, securing $1.9 million in its Seed funding round in August 2016. This was followed by an even more substantial achievement with a $5 million Series A round in November 2018, boosting their total investment to $6.9 million.

Scoro's remarkable growth trajectory has garnered attention and accolades. The company's inclusion in the Deloitte Technology Fast 500 list for Central Europe highlights its rapid expansion within the tech landscape. Notably, Scoro has also earned a spot on the Inc. 5000 list, which recognizes the fastest-growing private companies in America. This recognition underscores the company's dynamic presence and innovation.

Further highlighting its impact, Scoro was acknowledged by TNW in 2019 as one of the hottest young companies across Europe and Israel. This recognition signifies the company's influence and potential in the technology and business sectors. Overall, Scoro's journey since its inception in 2013 has been characterized by growth, innovation, and a notable presence in the global business management software market.

Features:

Platform

- •Performance and Reliability

Administration

- •Workflow
- •User, Role, and Access Management

Tasks

- •Creation & Assignment
- •Due Dates
- •Task Prioritization
- •To-Do Lists
- •Drag & Drop
- •Recurring Tasks

Projects

- •Planning
- •Project Map
- •Calendar View
- •Templates
- •Time & Expense

Resource Management

- •Scheduling

Merits:

1. "Integrated Platform": Scoro provides a centralised platform that unifies project management with other corporate operations including CRM, finance, and reporting. A comprehensive picture of your company's operations may be provided through this integration.

2. Project Management and Planning: Scoro offers resources for teamwork, task management, resource allocation, and project planning. You can manage dependencies, create deadlines, and monitor project progress.

3. Time Billing and Tracking: Scoro has time tracking capabilities that let you keep track of the amount of time spent on various jobs and projects. For project costing and billing, this is helpful.

4. Personalization Scoro provides customization possibilities so you may fit the solution to your unique workflows and procedures and meet your project management requirements.

5. Financial Administration: Scoro's financial management tools can assist you in monitoring project budgets, spending, invoicing, and income in addition to project management.

6. Reporting and Analytics Scoro offers reporting and analytics services to measure KPIs, keep track of project performance, and receive insights into the health of your projects.

Demerits:

1. Learning Curve: For teams who are unfamiliar with the platform, Scoro's extensive feature set may present a learning curve. To maximise its advantages, appropriate training might be needed.

2. Complexity for Tiny Projects: For modest or straightforward tasks that don't require the entire range of functions Scoro offers, its possibilities could appear daunting.

3. Cost: When compared to other project management software, Scoro's pricing can be more expensive, especially if you don't use all of its integrated capabilities.

4. Updating and maintenance: To maintain security and functioning, Scoro needs frequent updates and maintenance, just like any other piece of software. Additional administrative work may be required.

5. Resource Intensity: Depending on the volume of your usage and the complexity of your setup, Scoro could require a lot of server resources, which could affect performance or raise your operating costs.

6. Efforts at customization While having a lot of customization options is a plus, doing so can get complicated and require frequent management and changes.

PROOFHUB TOOL

History of Proofhub tool:

ProofHub, founded in 2011 by Sandeep Kashyap, has become a key player in project management and collaborative teamwork. It was conceived to tackle the complexities faced by businesses and teams in project management, communication, and collaboration. The platform's launch in 2012 marked a pivotal step toward reshaping project management by offering features like task management, discussions, file sharing, and time tracking. ProofHub evolved with innovations like Gantt charts, milestones, and customizable roles, catering to a wide user base. The introduction of a mobile app in 2016 increased accessibility, meeting the demands of flexible work environments. Continual updates brought features like workload management and Kanban boards, emphasizing visual task handling and communication enhancements. ProofHub's enduring mission is to streamline project management and boost team collaboration, with a commitment to innovation that cements its role as a facilitator of productivity and collaboration across industries.

Features:

- Projects
  Creating dedicated workspaces for projects
- People
  Adding teams and clients
- Tasks
  Assigning and prioritizing work
- Kanban
  Visualizing stages of tasks and track progress
- Gantt charts
  Planning and modifying schedules
- Discussions
  Sharing updates and key communication

- Files
  Storing and organizing files, designs, and documents
- Proofing
  Reviewing and giving feedback on files and designs
- Chat
  Quick conversations
- Calendars
  Organizing and scheduling events and milestones
- Notes
  Jotting down ideas, references, and inspiration
- Timesheets
  Keeping track of time spent on tasks
- Reports
  Keeping track of progress of teams and projects
- Announcements
  Making important announcements and updates
- Quickies
  Jotting down quick stuff for yourself
- Bookmarks
  Letting ProofHub remember your frequently visited items
- Custom roles
  Defining access levels for teams and clients
- Company settings
  Choosing account preferences for the company
- My preferences
  Choosing notifications and account preferences for an individual
- Request forms
  Taking work requests through a form
- Keyboard Shortcuts
  ProofHub helps you move from one place to another with keyboard shortcuts.

Merits:

1. Task Administration: You may make tasks, establish deadlines, assign responsibilities, and monitor task progress using ProofHub. Task lists or kanban boards can be used to organise tasks.

2. Collaboration: With the aid of features like discussions, file sharing, and live chat, the programme fosters cooperation. Within the portal, team members can interact and collaborate.

3. Project Planning: You can construct project timelines, milestones, and dependencies using the project planning tools provided by ProofHub.

4. Time Monitoring: You can keep track of the time spent on tasks and projects, which helps with appropriate resource allocation, billing, and project tracking.

5. Document management: ProofHub eliminates the need for external file-sharing solutions by offering a central area for storing and sharing project-related materials.

6. Customizability: Although not excessively complicated, ProofHub enables you to alter processes, project layouts, and task fields to suit the preferences of your team.

7. User-Friendly Interface: ProofHub is renowned for its simple to use interface, which makes it simple for teams to adopt and utilise the application.

Demerits:

1. Learning Curve for Advanced Features: Even while the fundamental functions are simple to use, some of the more sophisticated features could take some practise to master.

2. Limited Advanced Features: Some of the more sophisticated functionality provided by more specialised project management solutions might not be present in ProofHub.

3. Complexity for More Comprehensive Projects: ProofHub may have limitations when compared to more powerful solutions for highly complicated projects with numerous dependencies and complex operations.

4. Reporting and Analytical Tools Although ProofHub has reporting functions, some users might think that they are less robust than those of specialised reporting tools.

5. Integration Even though ProofHub does integrate with a few third-party products, its range of integration choices may not be as broad as those of other platforms.

6. Cost factors include: Depending on the package and the number of users, ProofHub might range in price. Some businesses might think the cost is too expensive when compared to the alternatives.

7. Scaling difficulties ProofHub's scalability may be constrained for larger teams or organisations with considerable project management requirements.

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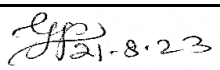
21MIS0123	Pranay Gorantla	
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TOOL CHOOSED:

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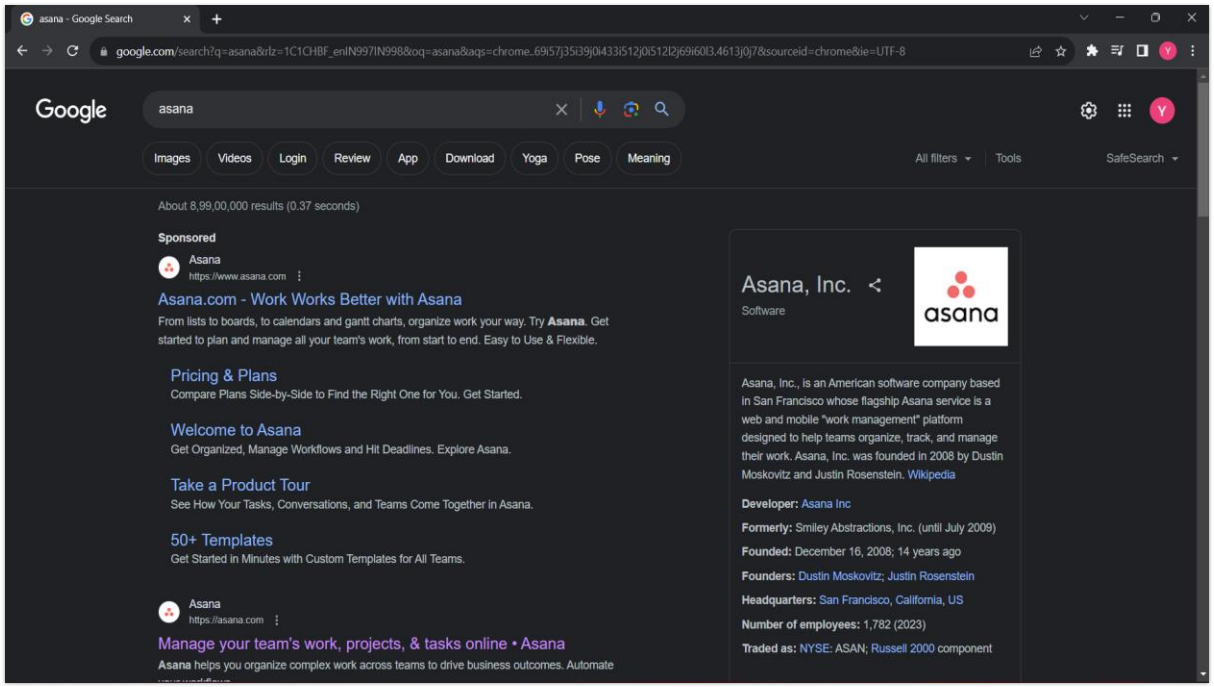
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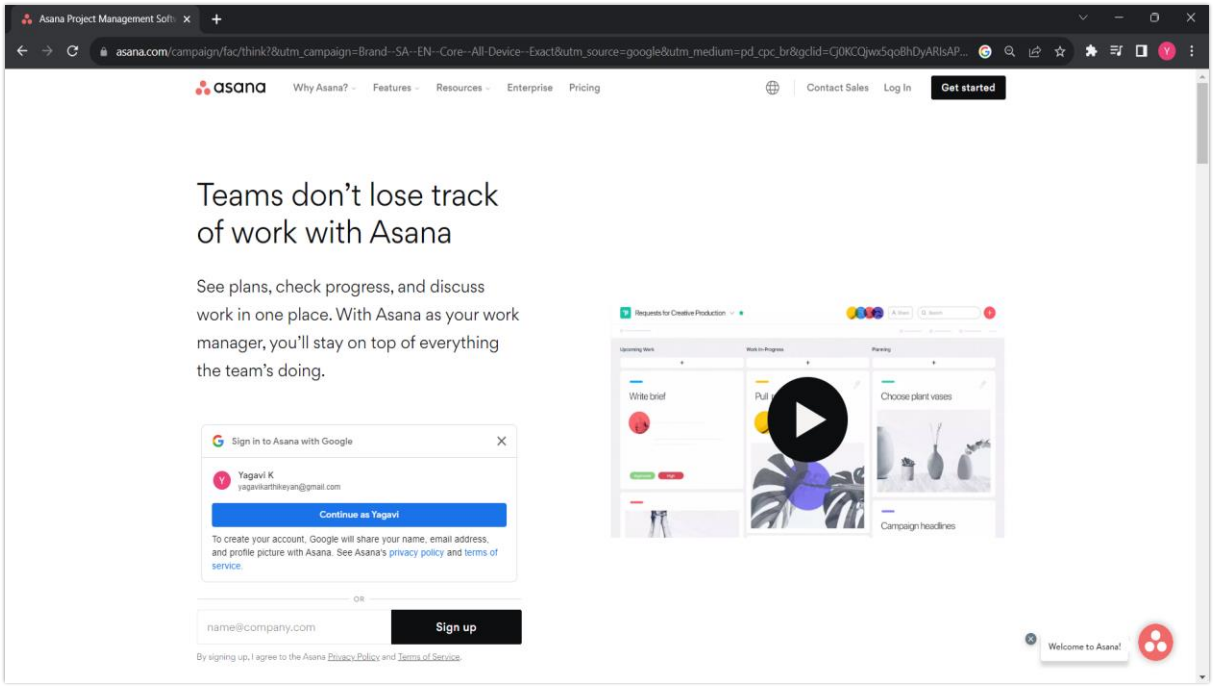
Google
asana
Images
Videos
Login
Review
App
Download
Yoga
Pose
Meaning
All filters
Tools
SafeSearch
About 8,99,00,000 results (0.37 seconds)
Sponsored
Asana
https://www.asana.com
Asana.com - Work Works Better with Asana
From lists to boards, to calendars and gantt charts, organize work your way. Try Asana. Get started to plan and manage all your team's work, from start to end. Easy to Use & Flexible.
Pricing & Plans
Compare Plans Side-by-Side to Find the Right One for You. Get Started.
Welcome to Asana
Get Organized, Manage Workflows and Hit Deadlines. Explore Asana.
Take a Product Tour
See How Your Tasks, Conversations, and Teams Come Together in Asana.
50+ Templates
Get Started in Minutes with Custom Templates for All Teams.
Asana
https://asana.com
Manage your team's work, projects, & tasks online • Asana
Asana helps you organize complex work across teams to drive business outcomes. Automate
Asana, Inc.
Software
asana
Asana, Inc., is an American software company based in San Francisco whose flagship Asana service is a web and mobile "work management" platform designed to help teams organize, track, and manage their work. Asana, Inc. was founded in 2008 by Dustin Moskovitz and Justin Rosenstein. Wikipedia
Developer: Asana Inc
Formerly: Smiley Abstractions, Inc. (until July 2009)
Founded: December 16, 2008; 14 years ago
Founders: Dustin Moskovitz; Justin Rosenstein
Headquarters: San Francisco, California, US
Number of employees: 1,782 (2023)
Traded as: NYSE: ASAN; Russell 2000 component


Asana Project Management Soft
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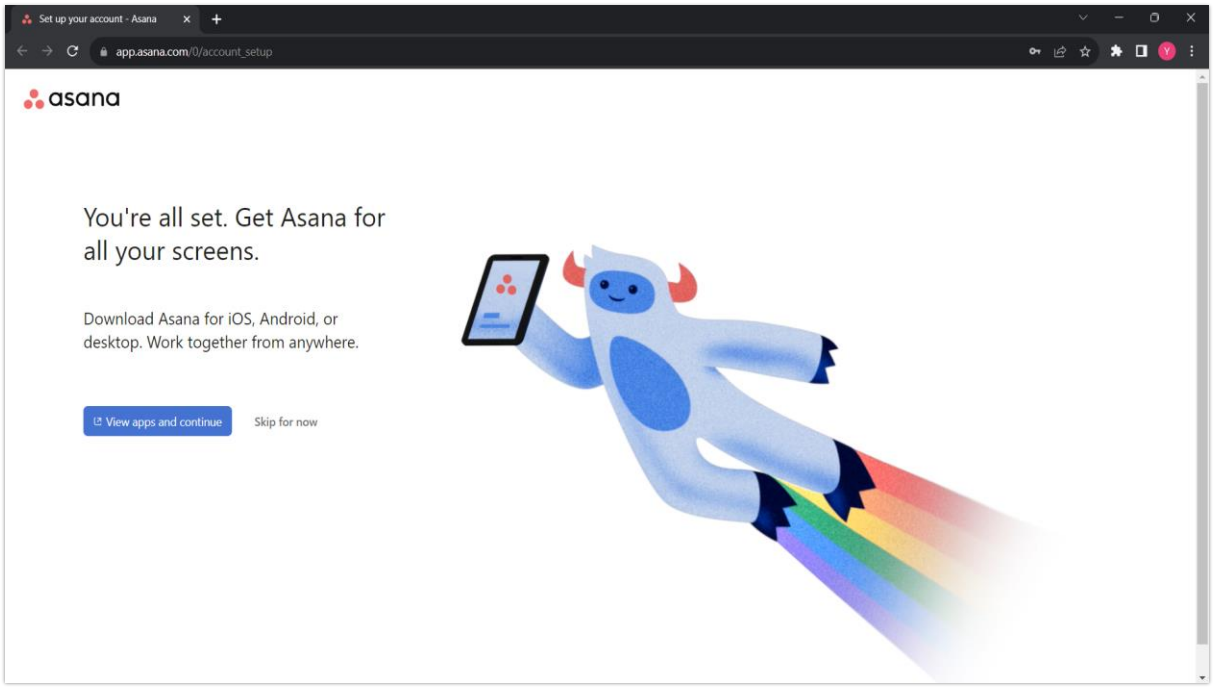
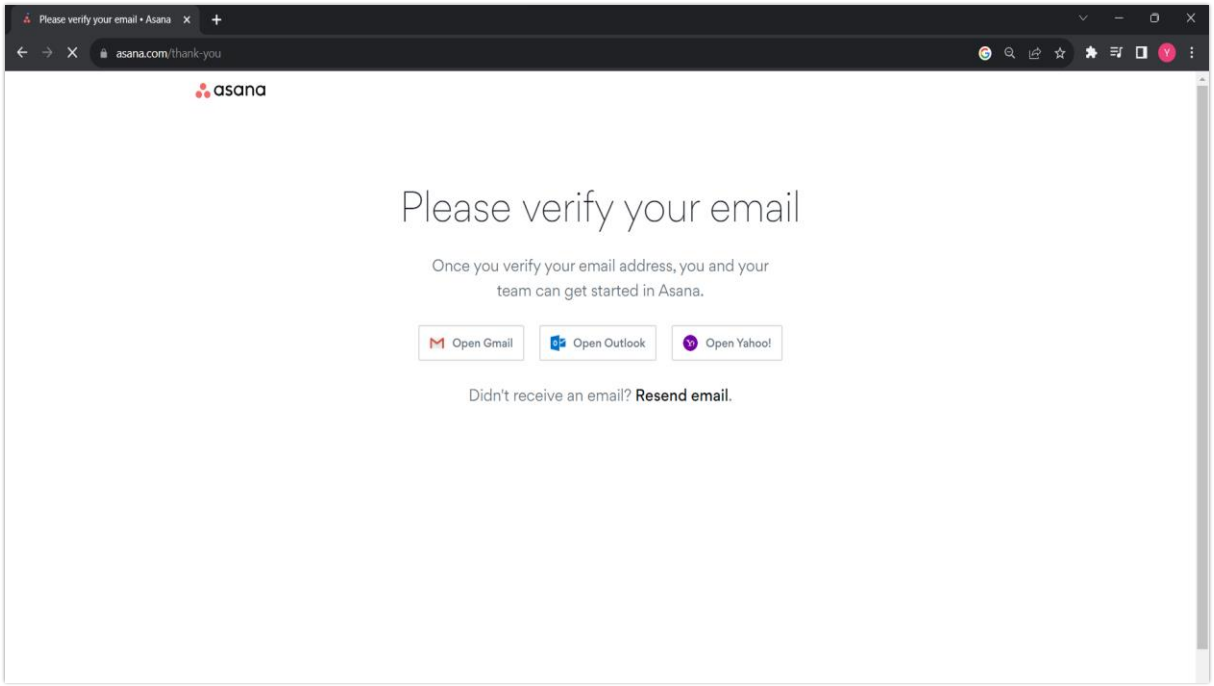
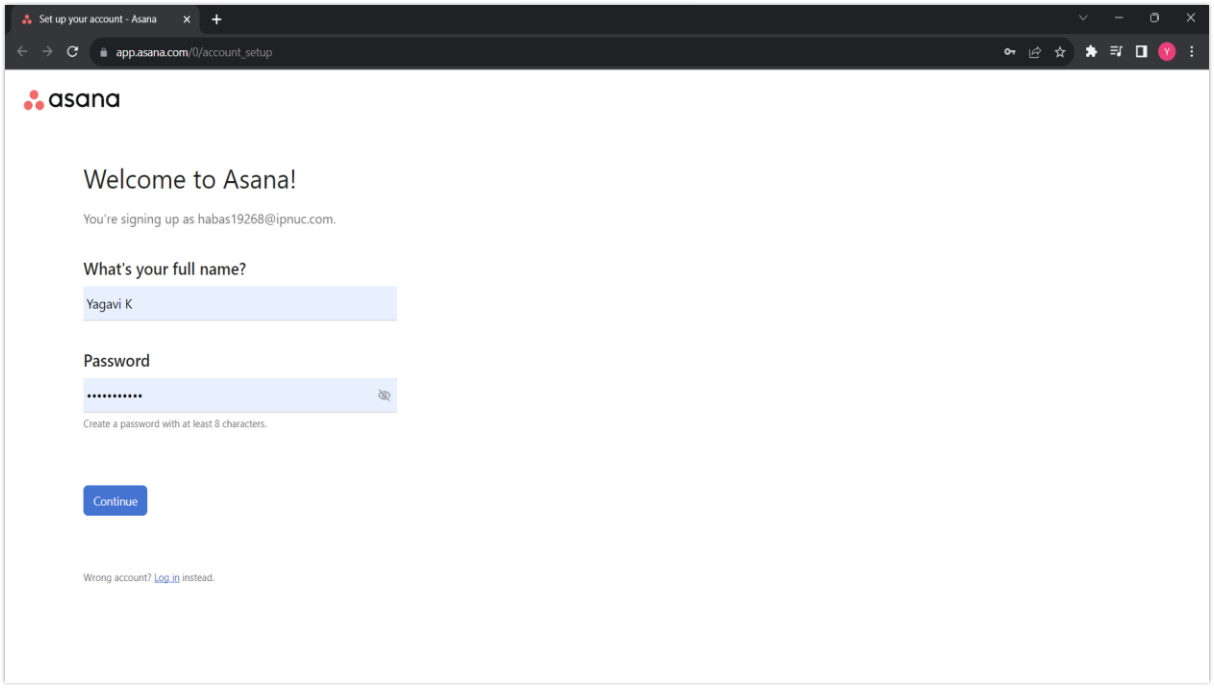
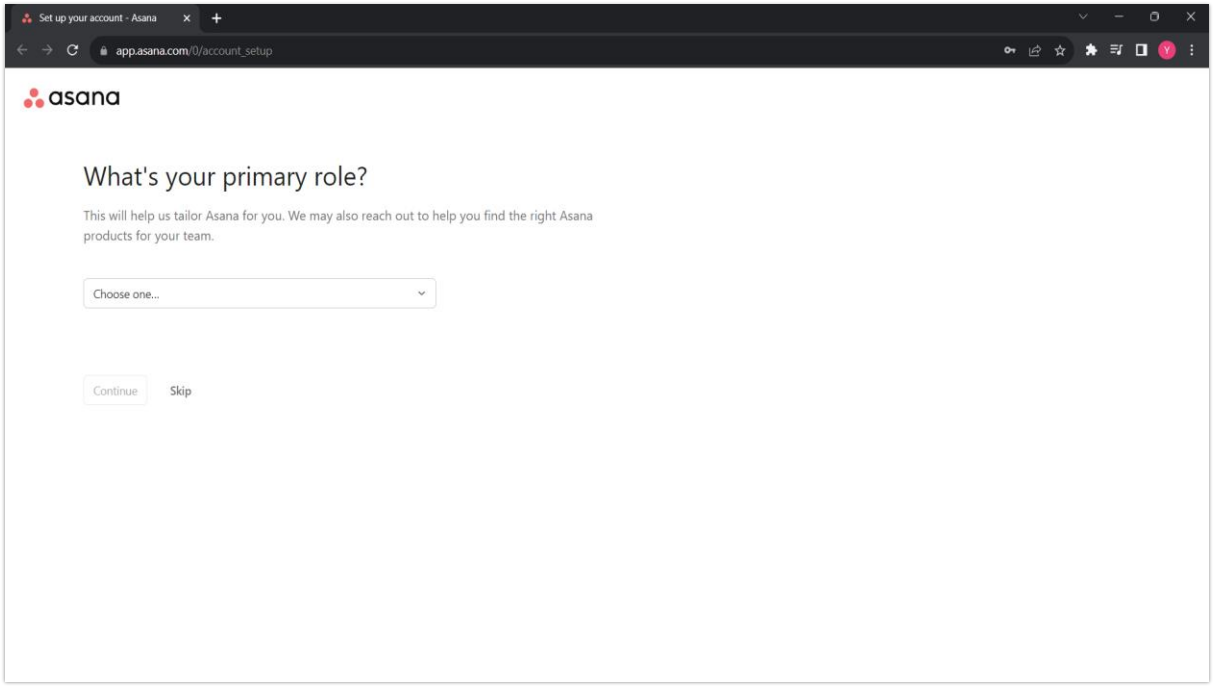
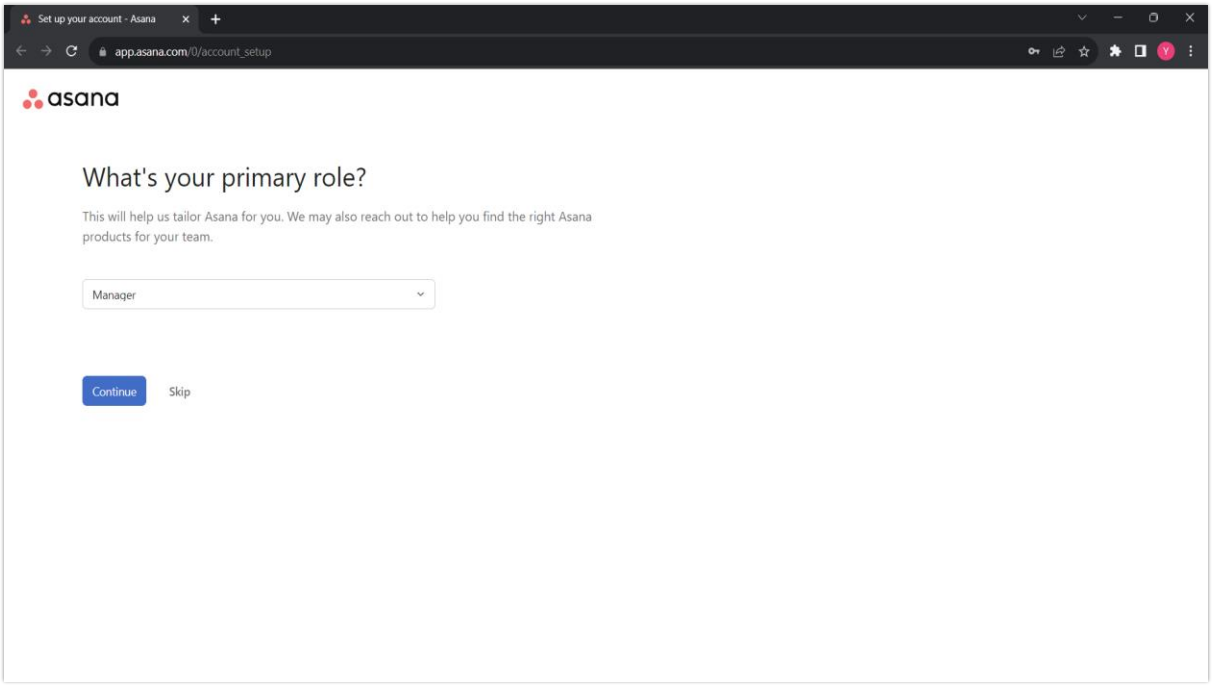
asana
Why Asana?
Features
Resources
Enterprise
Pricing
Contact Sales
Log In
Get started
Teams don't lose track of work with Asana
See plans, check progress, and discuss work in one place. With Asana as your work manager, you'll stay on top of everything the team's doing.
Sign in to Asana with Google
Yagavi K
yagavikarthikeyan@gmail.com
Continue as Yagavi
To create your account, Google will share your name, email address, and profile picture with Asana. See Asana's privacy policy and terms of service.
OR
name@company.com
Sign up
By signing up, I agree to the Asana Privacy Policy and Terms of Service.
Write brief
Choose plant vases
Campaign headlines
Welcome to Asana!

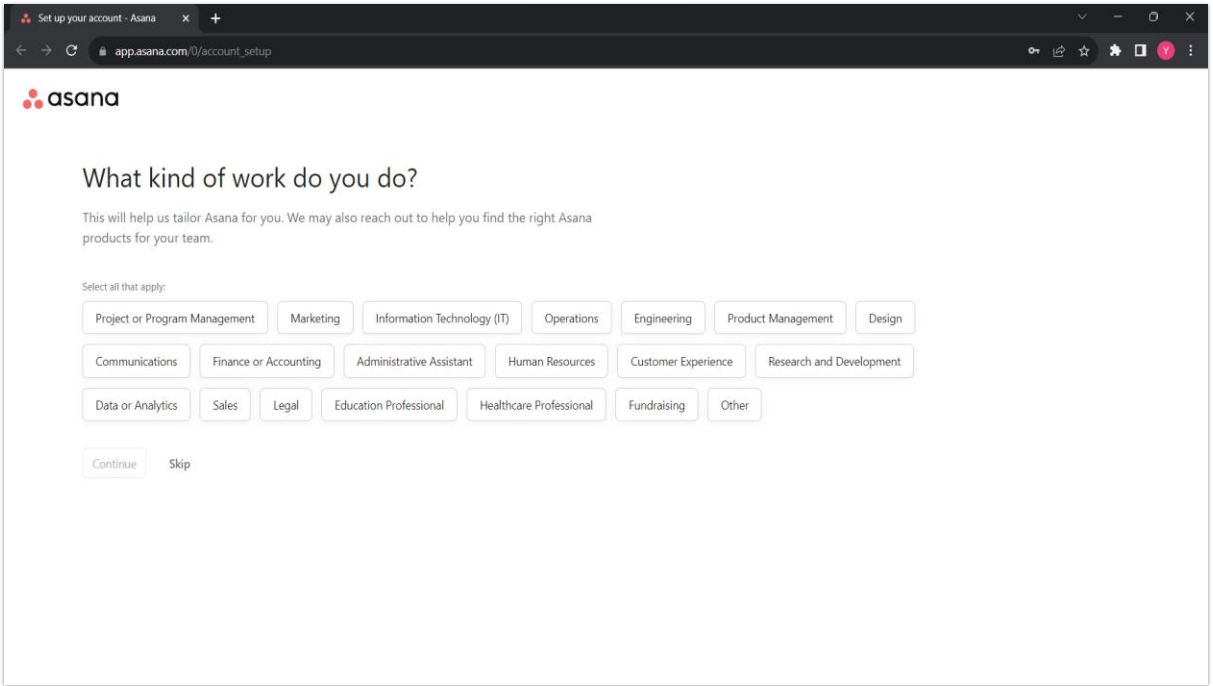

Set up your account - Asana
app.asana.com/0/account_setup
asana
You're all set. Get Asana for all your screens.
Download Asana for iOS, Android, or desktop. Work together from anywhere.
View apps and continue
Skip for now

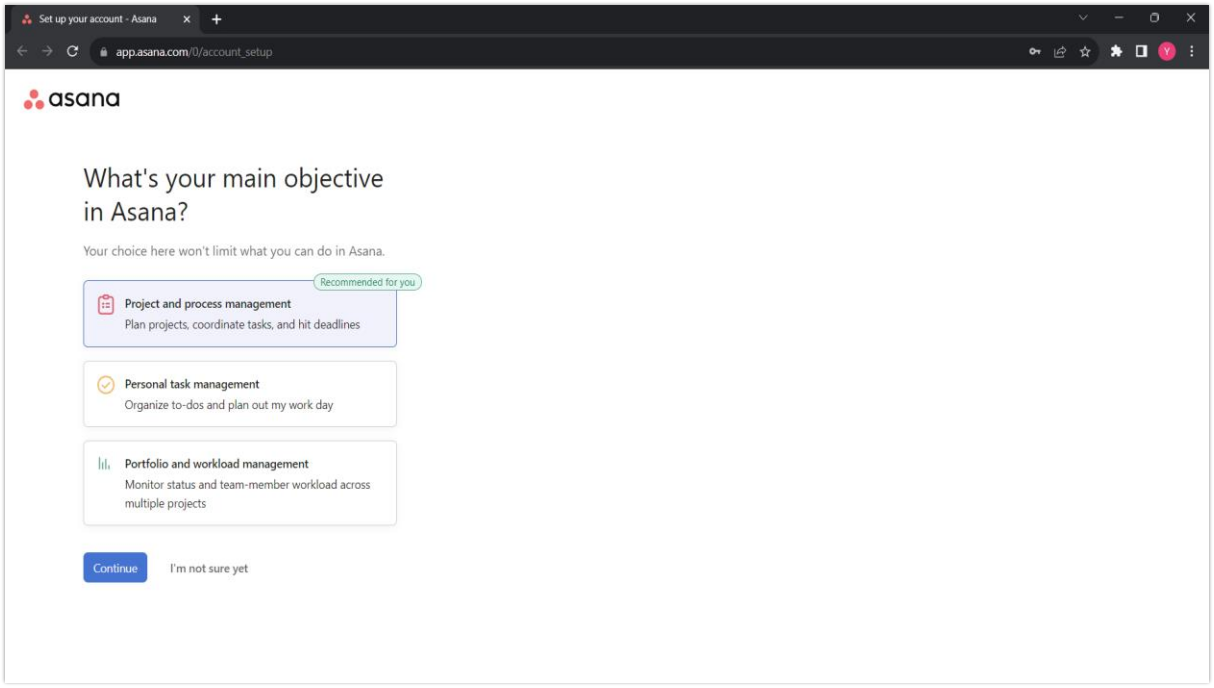

Please verify your email • Asana
asana.com/thank-you
asana
Please verify your email
Once you verify your email address, you and your team can get started in Asana.
Open Gmail
Open Outlook
Open Yahoo!
Didn't receive an email? Resend email.

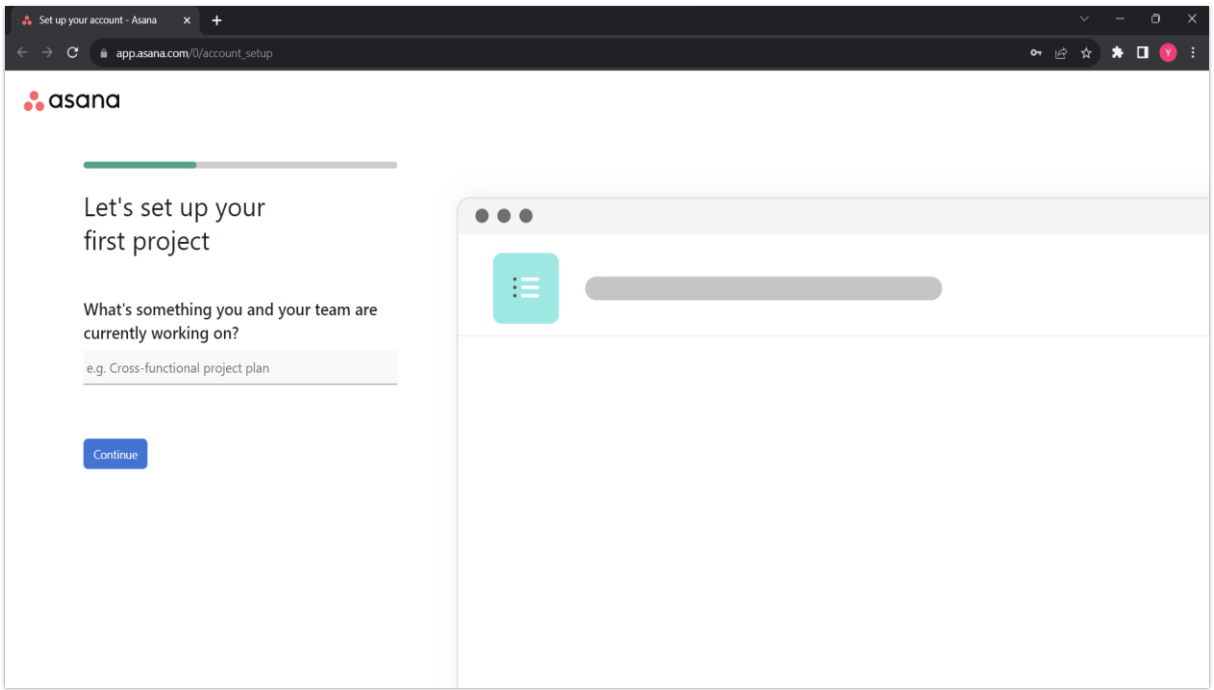

Set up your account - Asana
app.asana.com/0/account_setup
asana
Welcome to Asana!
You're signing up as habas19268@ipnuc.com.
What's your full name?
Yagavi K
Password
Create a password with at least 8 characters.
Continue
Wrong account? Log in instead.

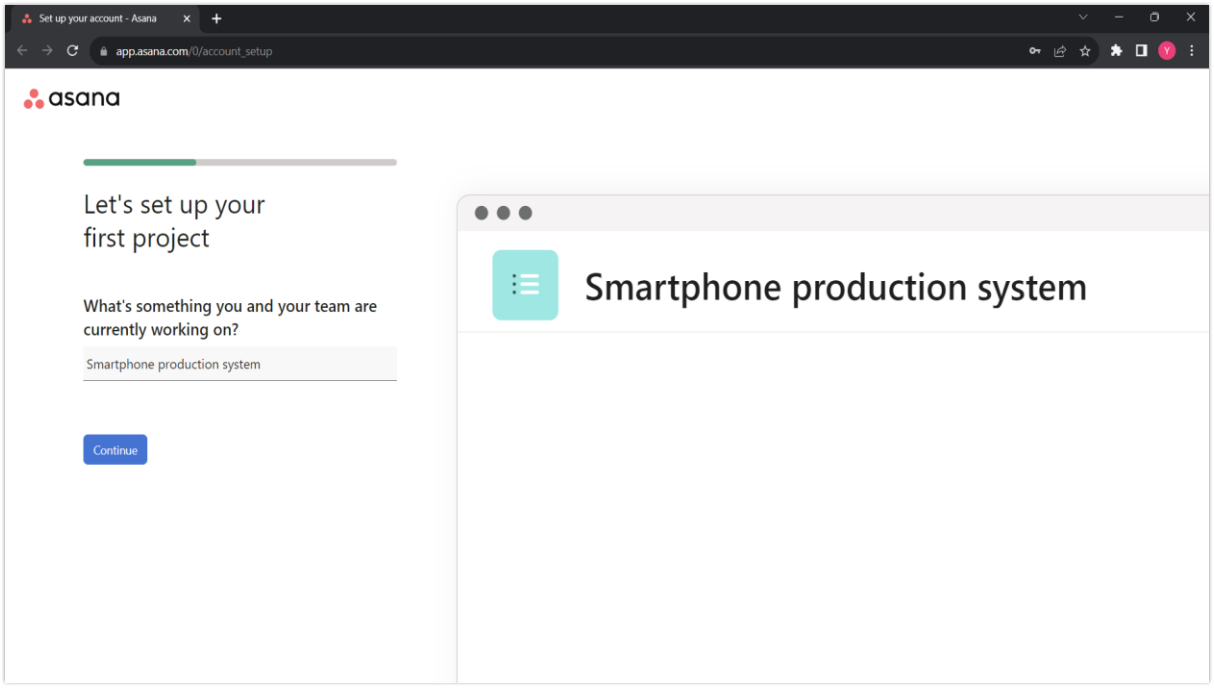

Set up your account - Asana
app.asana.com/0/account_setup
asana
What's your primary role?
This will help us tailor Asana for you. We may also reach out to help you find the right Asana products for your team.
Choose one...
Continue
Skip

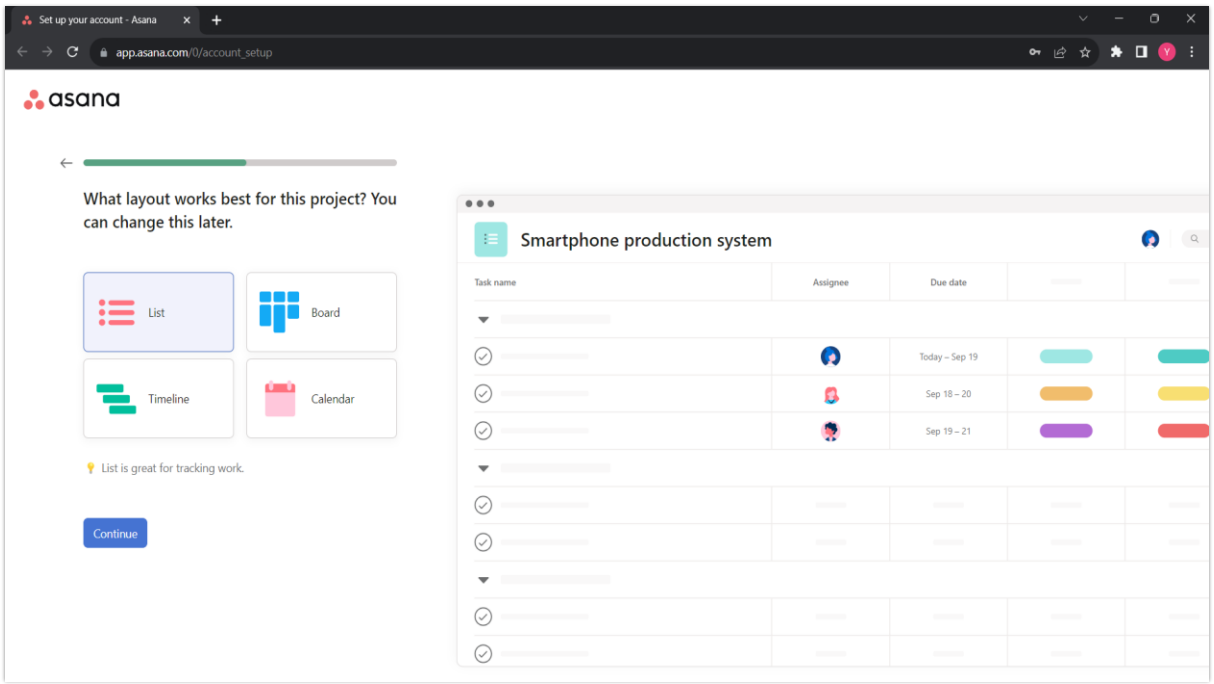

Set up your account - Asana
app.asana.com/0/account_setup
asana
What's your primary role?
This will help us tailor Asana for you. We may also reach out to help you find the right Asana products for your team.
Manager
Continue
Skip

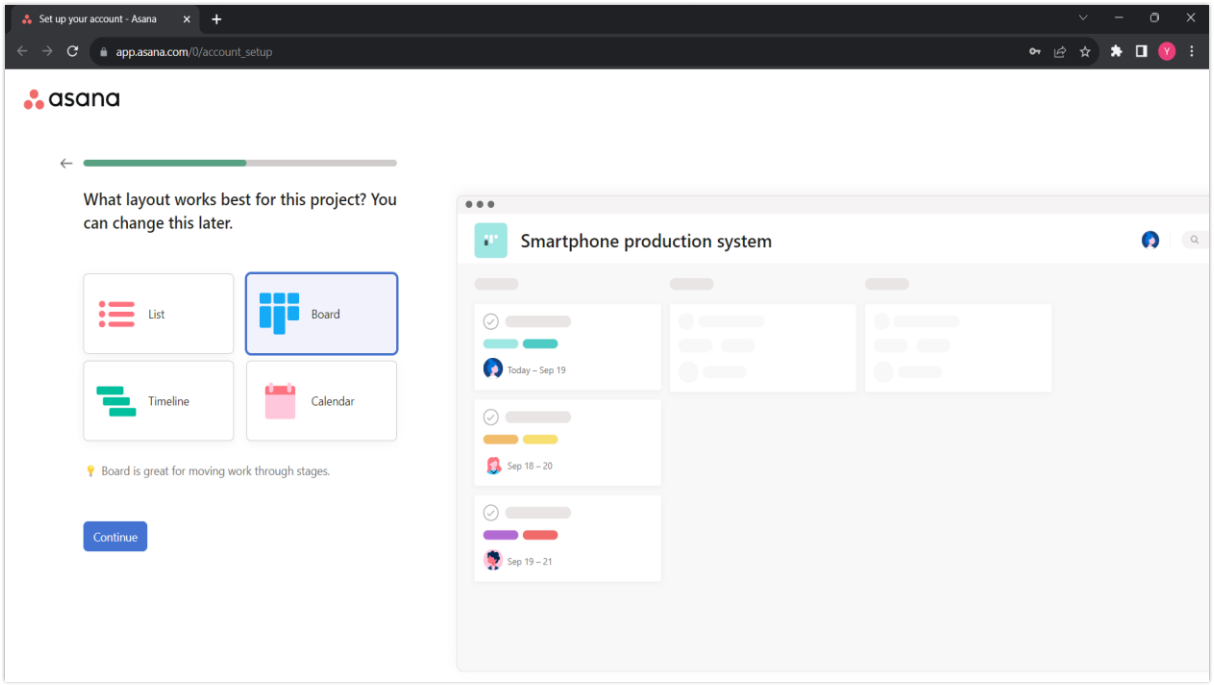

Set up your account - Asana
app.asana.com/0/account_setup
asana
What kind of work do you do?
This will help us tailor Asana for you. We may also reach out to help you find the right Asana products for your team.
Select all that apply:
Project or Program Management
Marketing
Information Technology (IT)
Operations
Engineering
Product Management
Design
Communications
Finance or Accounting
Administrative Assistant
Human Resources
Customer Experience
Research and Development
Data or Analytics
Sales
Legal
Education Professional
Healthcare Professional
Fundraising
Other
Continue
Skip

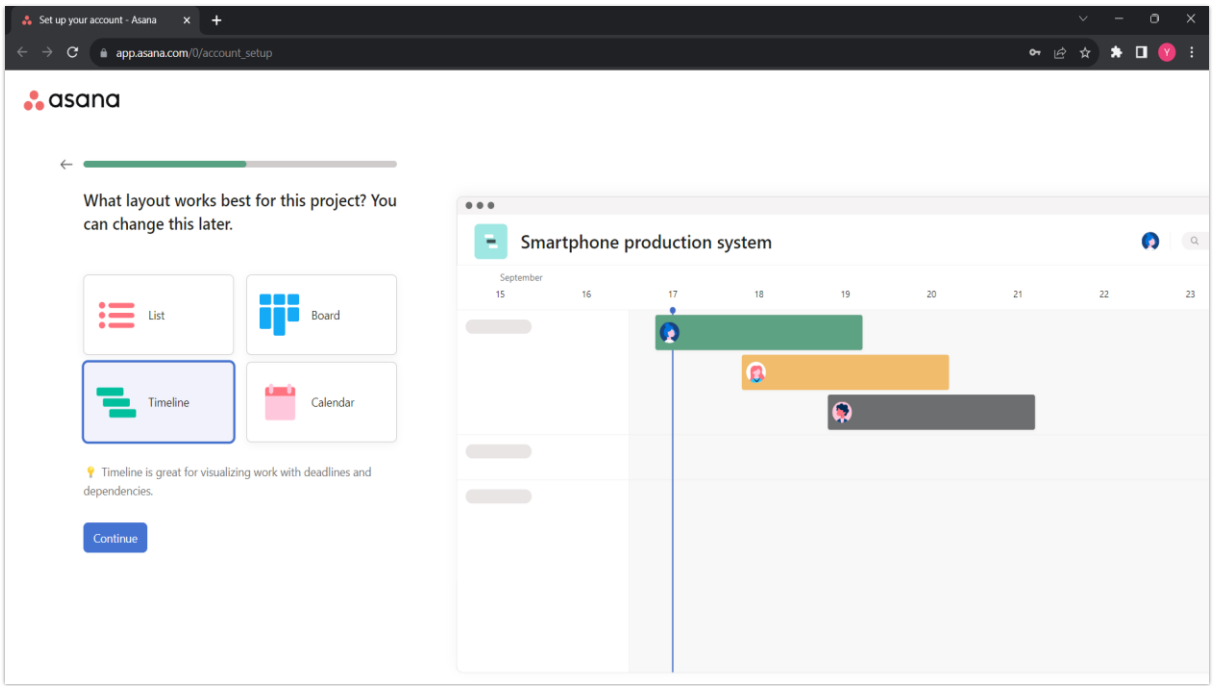

Set up your account - Asana
app.asana.com/0/account_setup
asana
What's your main objective in Asana?
Your choice here won't limit what you can do in Asana.
Recommended for you
Project and process management
Plan projects, coordinate tasks, and hit deadlines
Personal task management
Organize to-dos and plan out my work day
Portfolio and workload management
Monitor status and team-member workload across multiple projects
Continue
I'm not sure yet

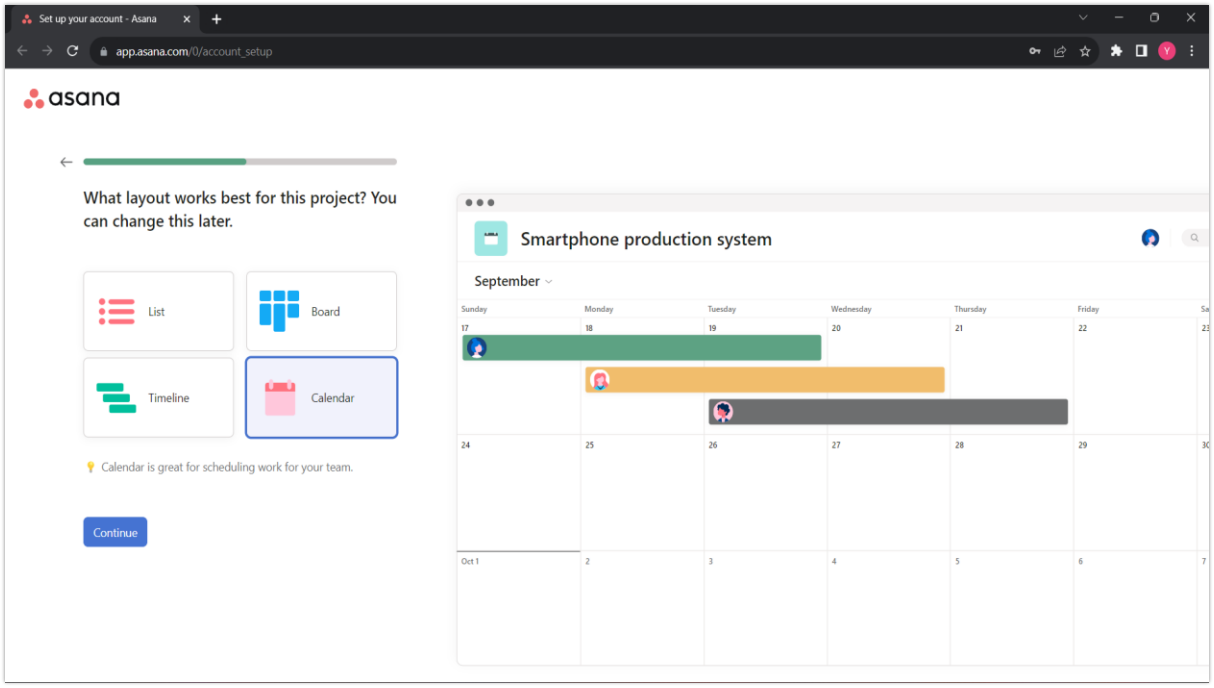

Set up your account - Asana
app.asana.com/0/account_setup
asana
Let's set up your first project
What's something you and your team are currently working on?
e.g. Cross-functional project plan
Continue

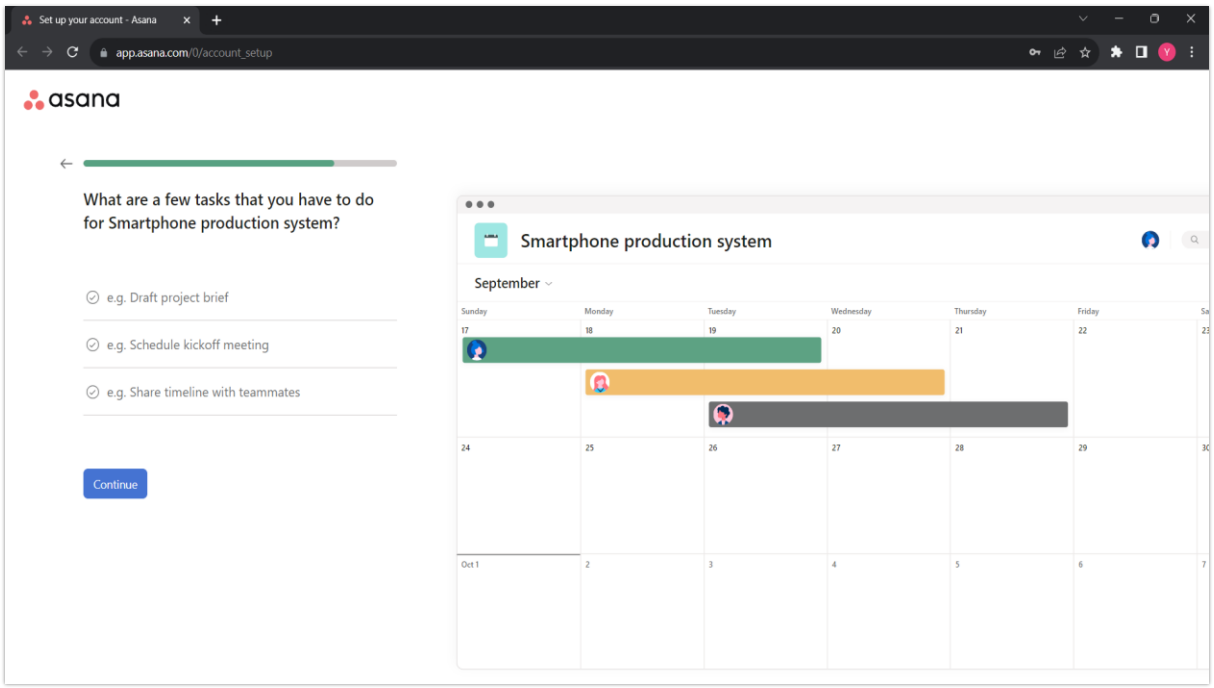

Set up your account - Asana
app.asana.com/0/account_setup
asana
Let's set up your first project
What's something you and your team are currently working on?
Smartphone production system
Continue
Smartphone production system

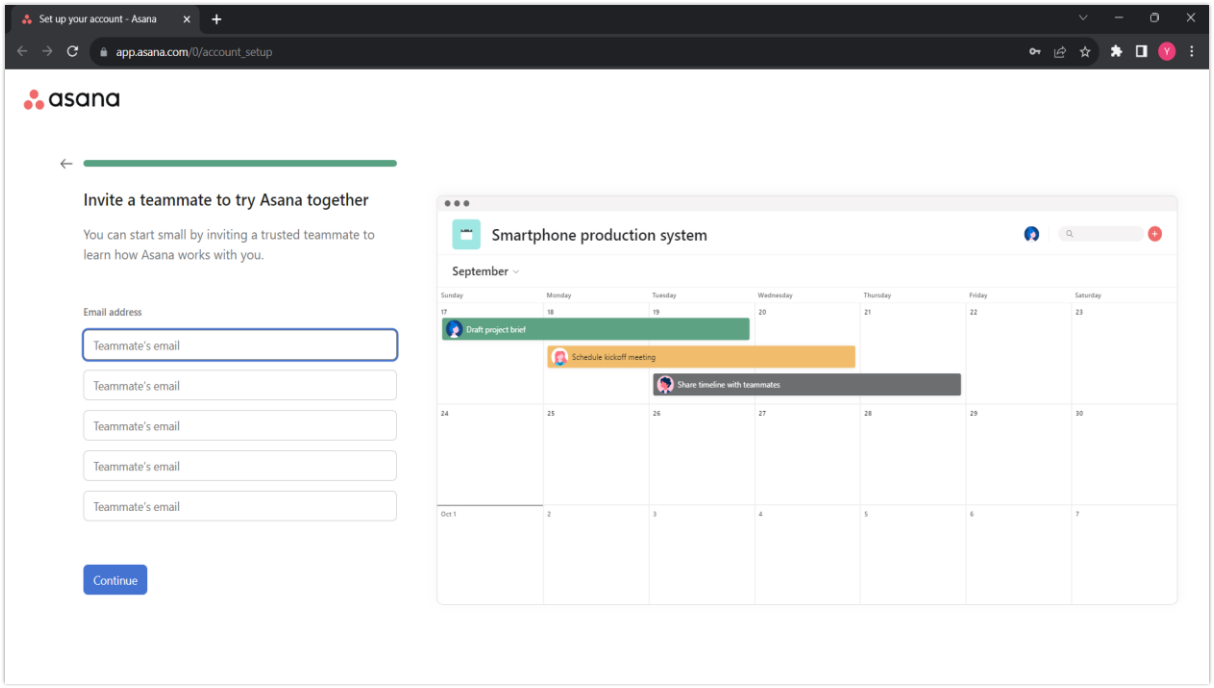

Set up your account - Asana
app.asana.com/0/account_setup
asana
What layout works best for this project? You can change this later.
List
Board
Timeline
Calendar
List is great for tracking work.
Continue
Smartphone production system
Task name
Assignee
Due date
Today – Sep 19
Sep 18 – 20
Sep 19 – 21

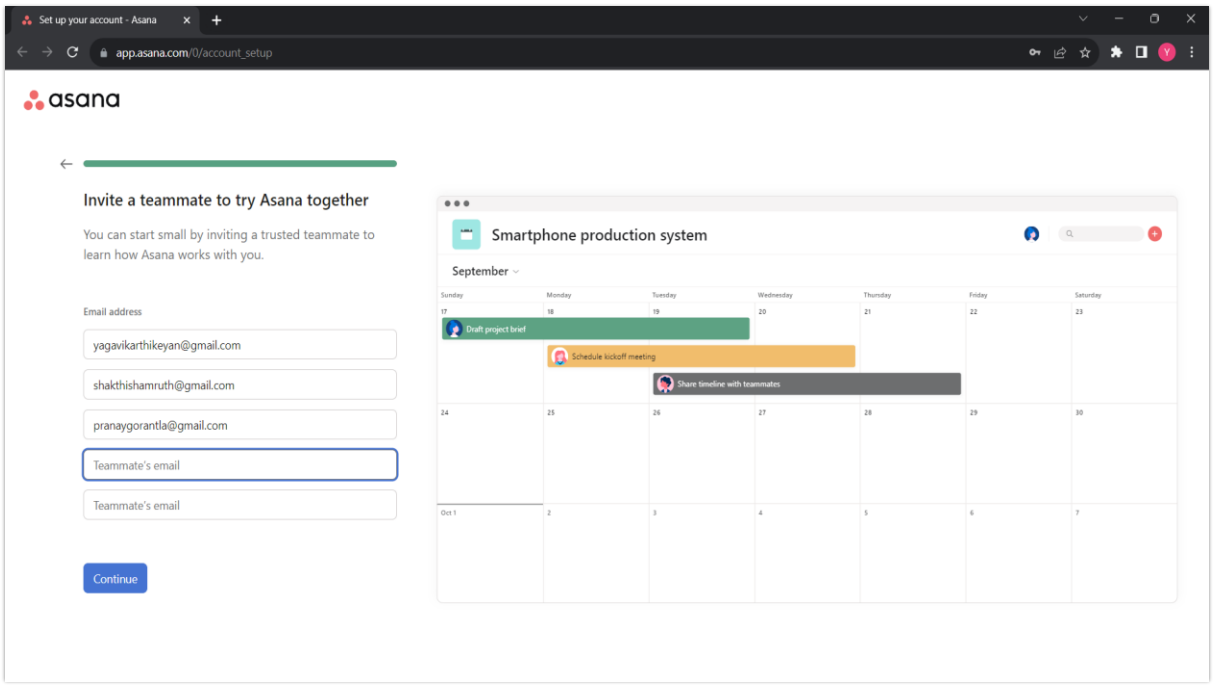

Set up your account - Asana
app.asana.com/0/account_setup
asana
What layout works best for this project? You can change this later.
List
Board
Timeline
Calendar
Board is great for moving work through stages.
Continue
Smartphone production system
Today – Sep 19
Sep 18 – 20
Sep 19 – 21

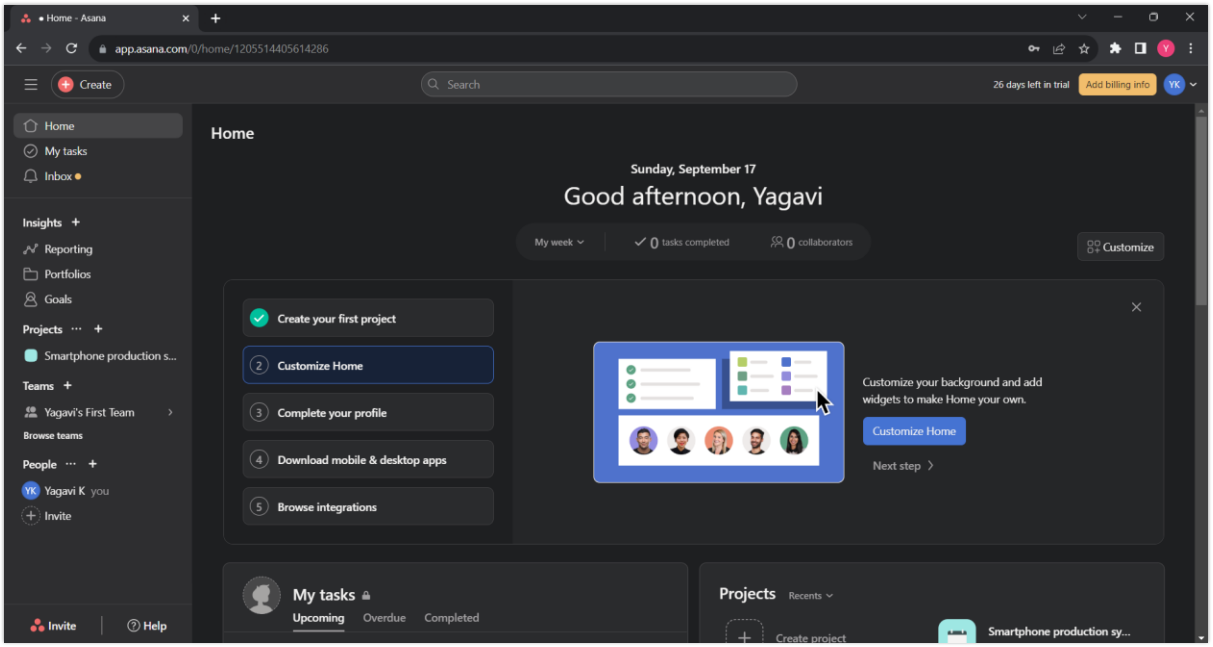

Set up your account - Asana
app.asana.com/0/account_setup
asana
What layout works best for this project? You can change this later.
List
Board
Timeline
Calendar
Timeline is great for visualizing work with deadlines and dependencies.
Continue
Smartphone production system
September
15
16
17
18
19
20
21
22
23

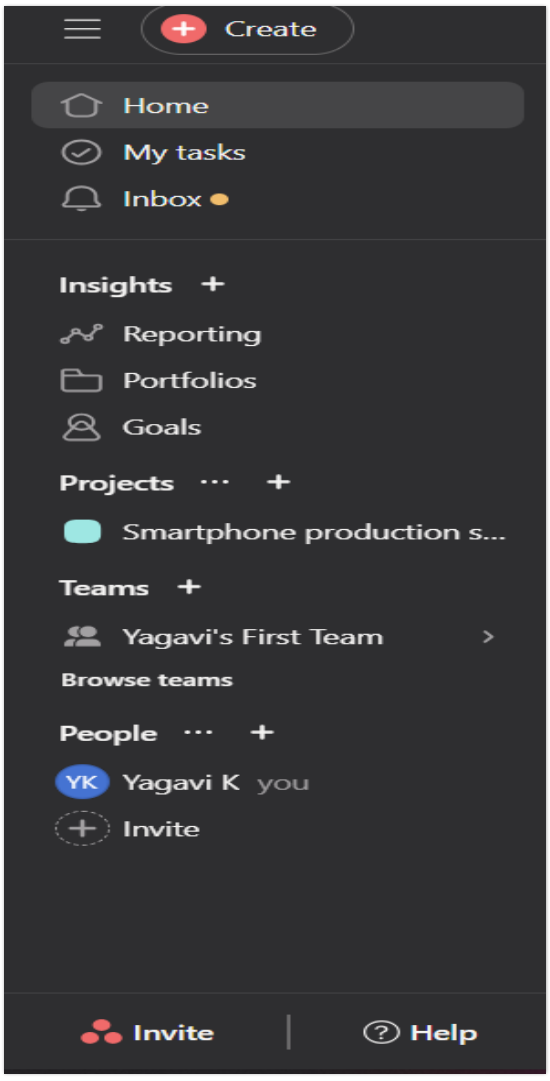

Set up your account - Asana
app.asana.com/0/account_setup
asana
What layout works best for this project? You can change this later.
List
Board
Timeline
Calendar
Calendar is great for scheduling work for your team.
Continue
Smartphone production system
September
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday

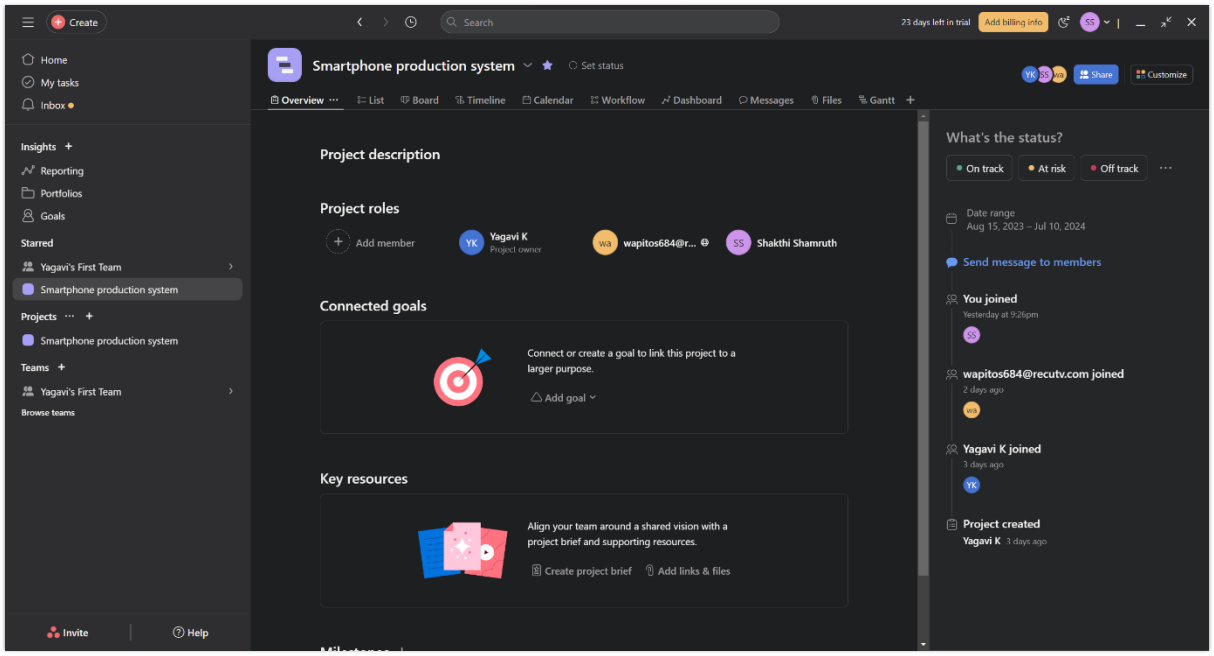

Set up your account - Asana
app.asana.com/0/account_setup
asana
What are a few tasks that you have to do for Smartphone production system?
e.g. Draft project brief
e.g. Schedule kickoff meeting
e.g. Share timeline with teammates
Continue
Smartphone production system
September
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday

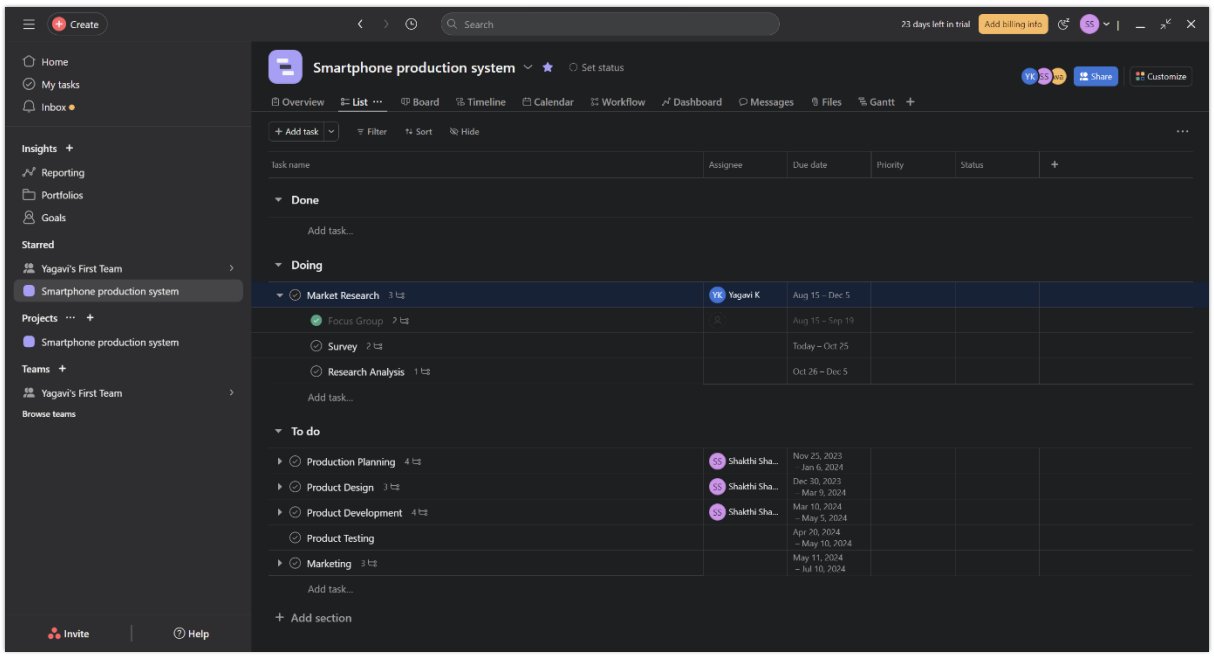

Set up your account - Asana
app.asana.com/0/account_setup
asana
Invite a teammate to try Asana together
You can start small by inviting a trusted teammate to learn how Asana works with you.
Email address
Teammate's email
Teammate's email
Teammate's email
Teammate's email
Teammate's email
Continue
Smartphone production system
September
Draft project brief
Schedule kickoff meeting
Share timeline with teammates

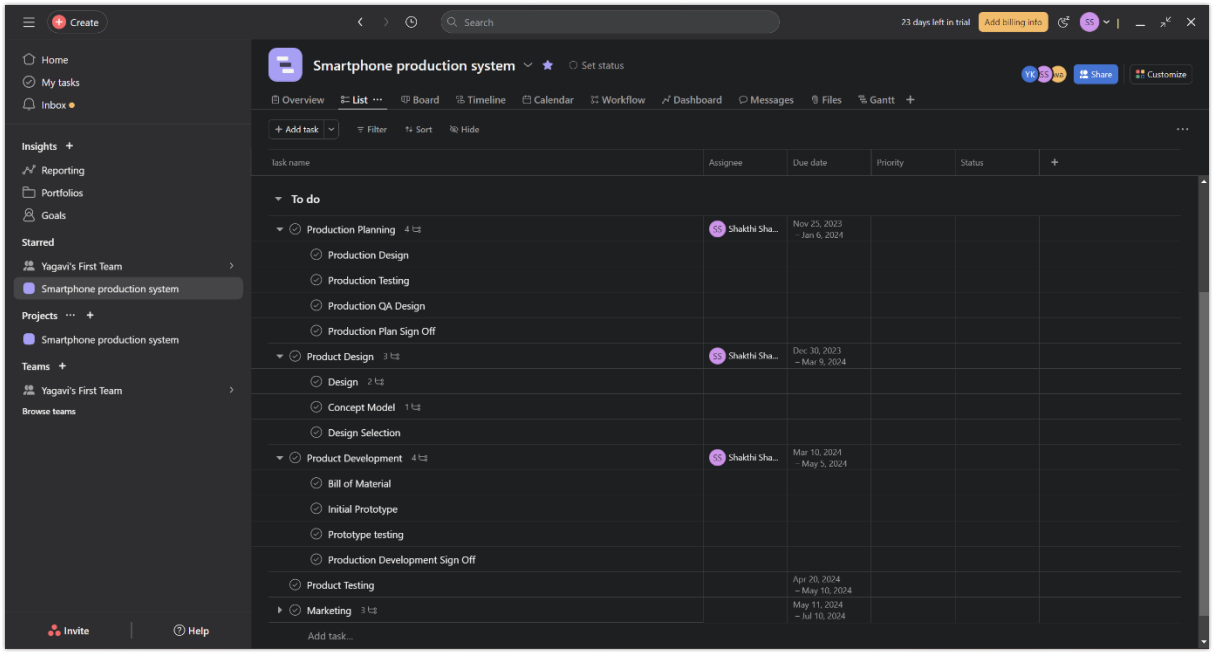

Set up your account - Asana
app.asana.com/0/account_setup
asana
Invite a teammate to try Asana together
You can start small by inviting a trusted teammate to learn how Asana works with you.
Email address
yagavikarthikeyan@gmail.com
shakthishamruth@gmail.com
pranaygorantla@gmail.com
Teammate's email
Teammate's email
Continue
Smartphone production system
September
Draft project brief
Schedule kickoff meeting
Share timeline with teammates

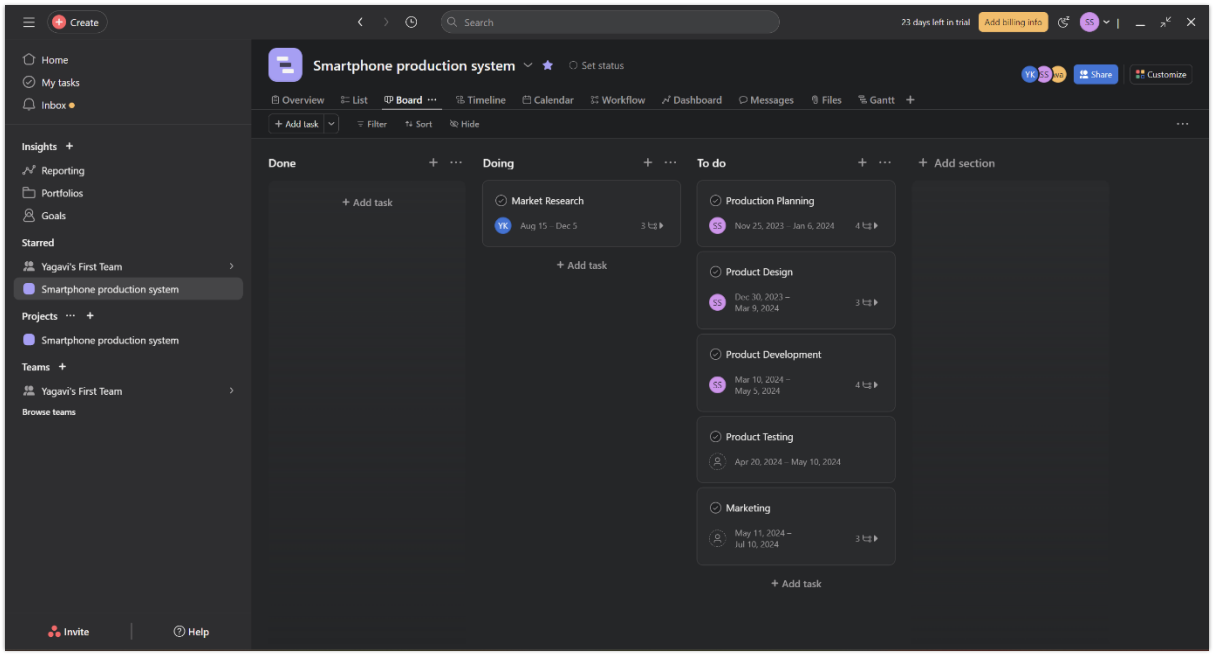

Home - Asana
app.asana.com/0/home/1205514405614286
Create
Search
26 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Projects
Smartphone production s...
Teams
Yagavi's First Team
Browse teams
People
Yagavi K you
Invite
Home
Sunday, September 17
Good afternoon, Yagavi
My week
0 tasks completed
0 collaborators
Customize
Create your first project
Customize Home
Complete your profile
Download mobile & desktop apps
Browse integrations
Customize your background and add widgets to make Home your own.
Customize Home
Next step
My tasks
Upcoming
Overdue
Completed
Projects
Recents
Create project
Smartphone production sy...
Invite
Help

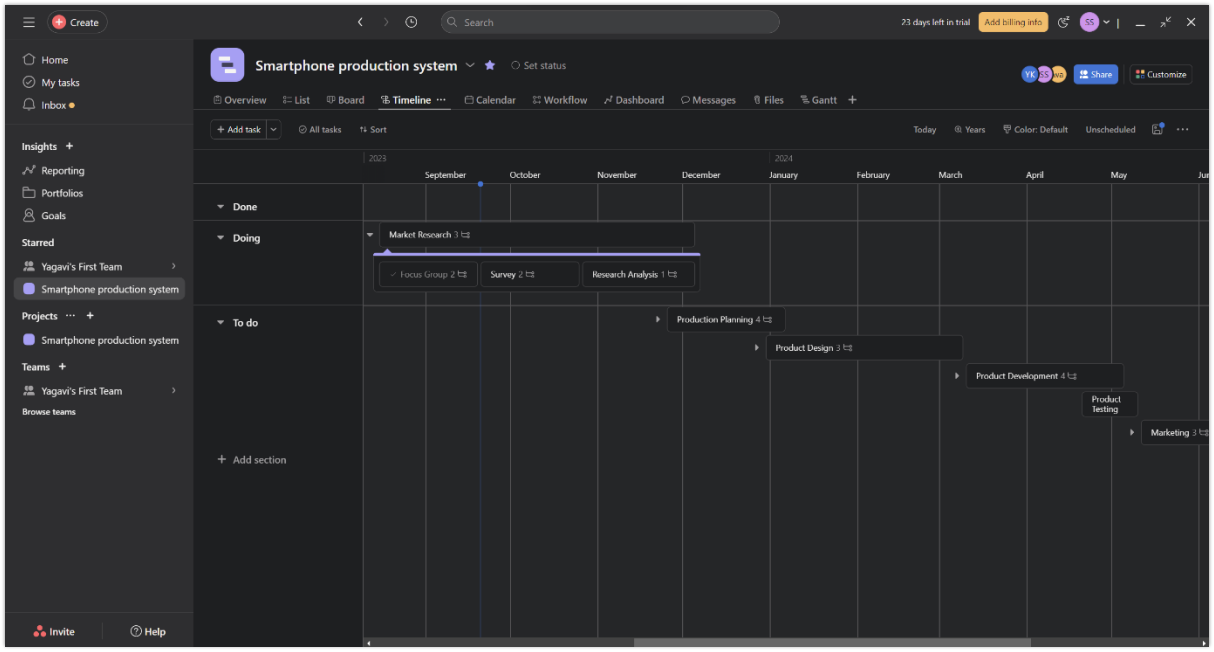

Create
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Projects
Smartphone production s...
Teams
Yagavi's First Team
Browse teams
People
YK
Yagavi K you
Invite
Invite
Help

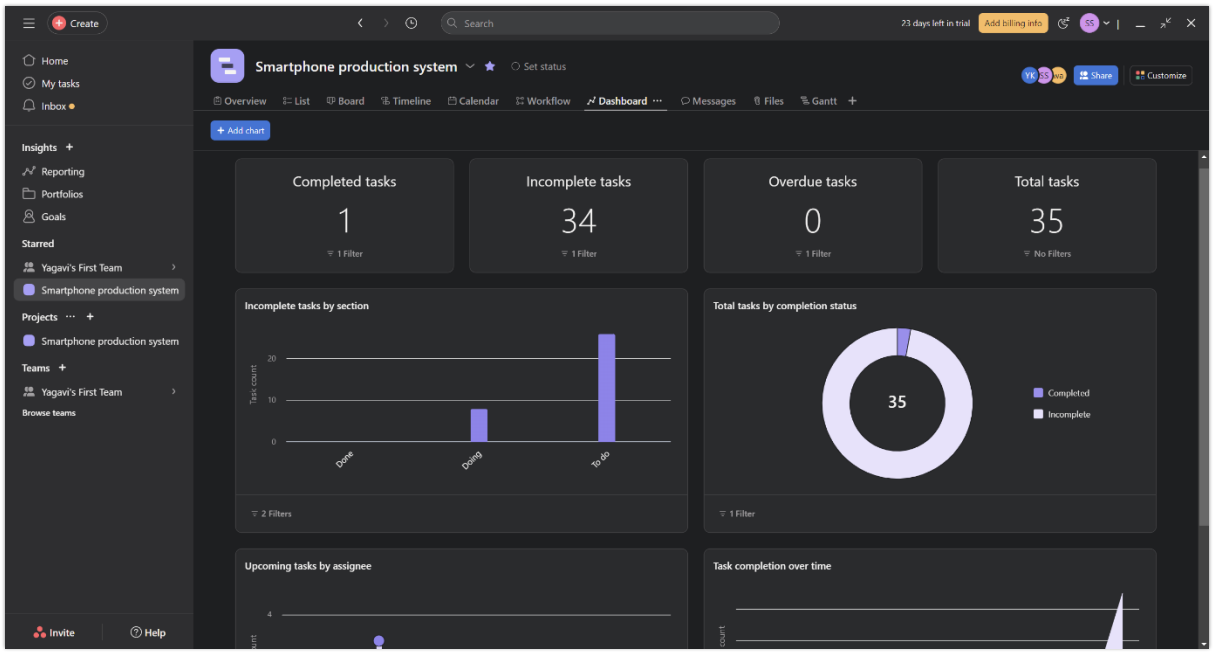

Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Project description
Project roles
Add member
Yagavi K
Project owner
wapitos684@r...
Shakthi Shamruth
Connected goals
Connect or create a goal to link this project to a larger purpose.
Add goal
Key resources
Align your team around a shared vision with a project brief and supporting resources.
Create project brief
Add links & files
What's the status?
On track
At risk
Off track
Date range
Aug 15, 2023 – Jul 10, 2024
Send message to members
You joined
Yesterday at 9:26pm
wapitos684@recutv.com joined
2 days ago
Yagavi K joined
3 days ago
Project created
Yagavi K 3 days ago

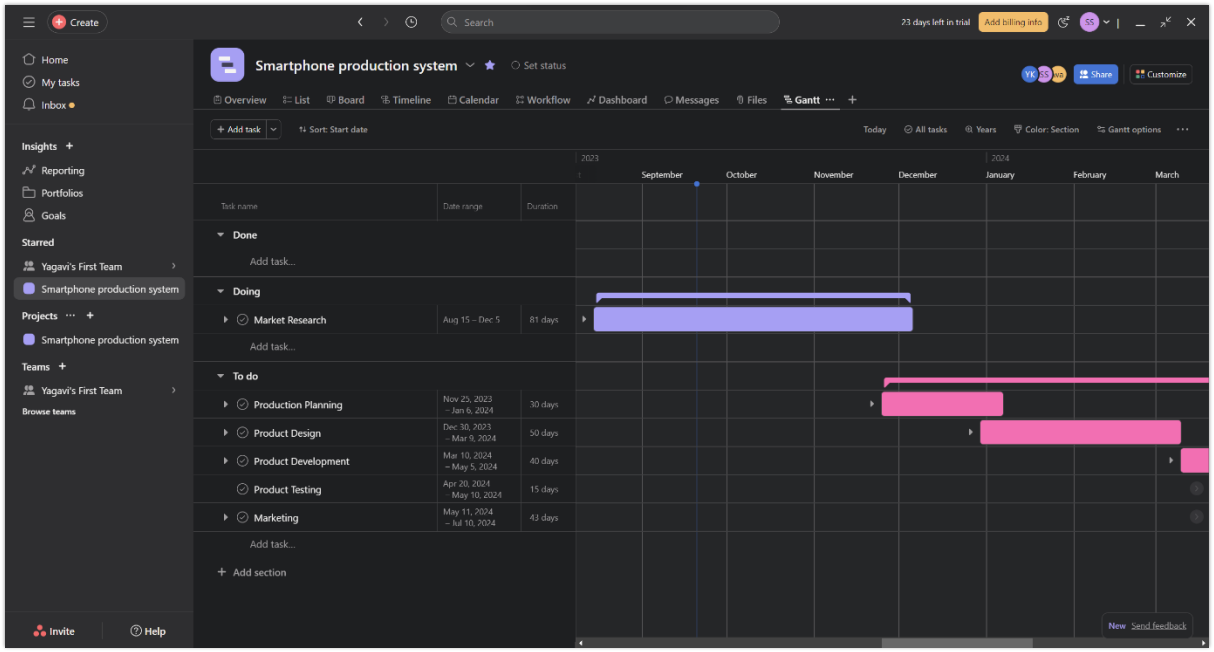

Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
Filter
Sort
Hide
Task name
Assignee
Due date
Priority
Status
Done
Add task...
Doing
Market Research 3
Yagavi K
Aug 15 – Dec 5
Focus Group 2
Aug 15 – Sep 19
Survey 2
Today – Oct 25
Research Analysis 1
Oct 26 – Dec 5
Add task...
To do
Production Planning 4
Shakthi Sha...
Nov 25, 2023 – Jan 6, 2024
Product Design 3
Shakthi Sha...
Dec 30, 2023 – Mar 9, 2024
Product Development 4
Shakthi Sha...
Mar 10, 2024 – May 5, 2024
Product Testing
Apr 20, 2024 – May 10, 2024
Marketing 3
May 11, 2024 – Jul 10, 2024
Add task...
Add section


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
Filter
Sort
Hide
Task name
Assignee
Due date
Priority
Status
To do
Production Planning 4
Shakthi Sha...
Nov 25, 2023 – Jan 6, 2024
Production Design
Production Testing
Production QA Design
Production Plan Sign Off
Product Design 3
Shakthi Sha...
Dec 30, 2023 – Mar 9, 2024
Design 2
Concept Model 1
Design Selection
Product Development 4
Shakthi Sha...
Mar 10, 2024 – May 5, 2024
Bill of Material
Initial Prototype
Prototype testing
Production Development Sign Off
Product Testing
Apr 20, 2024 – May 10, 2024
Marketing 3
May 11, 2024 – Jul 10, 2024
Add task...


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
Filter
Sort
Hide
Done
Doing
To do
Add section
Add task
Market Research
Aug 15 – Dec 5
3
Add task
Production Planning
Nov 25, 2023 – Jan 6, 2024
4
Product Design
Dec 30, 2023 – Mar 9, 2024
3
Product Development
Mar 10, 2024 – May 5, 2024
4
Product Testing
Apr 20, 2024 – May 10, 2024
Marketing
May 11, 2024 – Jul 10, 2024
3
Add task


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
All tasks
Sort
Today
Years
Color: Default
Unscheduled
2023
2024
September
October
November
December
January
February
March
April
May
Done
Doing
Market Research 3
Focus Group 2
Survey 2
Research Analysis 1
To do
Production Planning 4
Product Design 3
Product Development 4
Product Testing
Marketing 3
Add section


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
Teams
Yagavi's First Team
Browse teams
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add chart
Completed tasks
1
1 Filter
Incomplete tasks
34
1 Filter
Overdue tasks
0
1 Filter
Total tasks
35
No Filters
Incomplete tasks by section
Task count
20
10
0
Done
Doing
To do
2 Filters
Total tasks by completion status
35
Completed
Incomplete
1 Filter
Upcoming tasks by assignee
Task completion over time


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
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Yagavi's First Team
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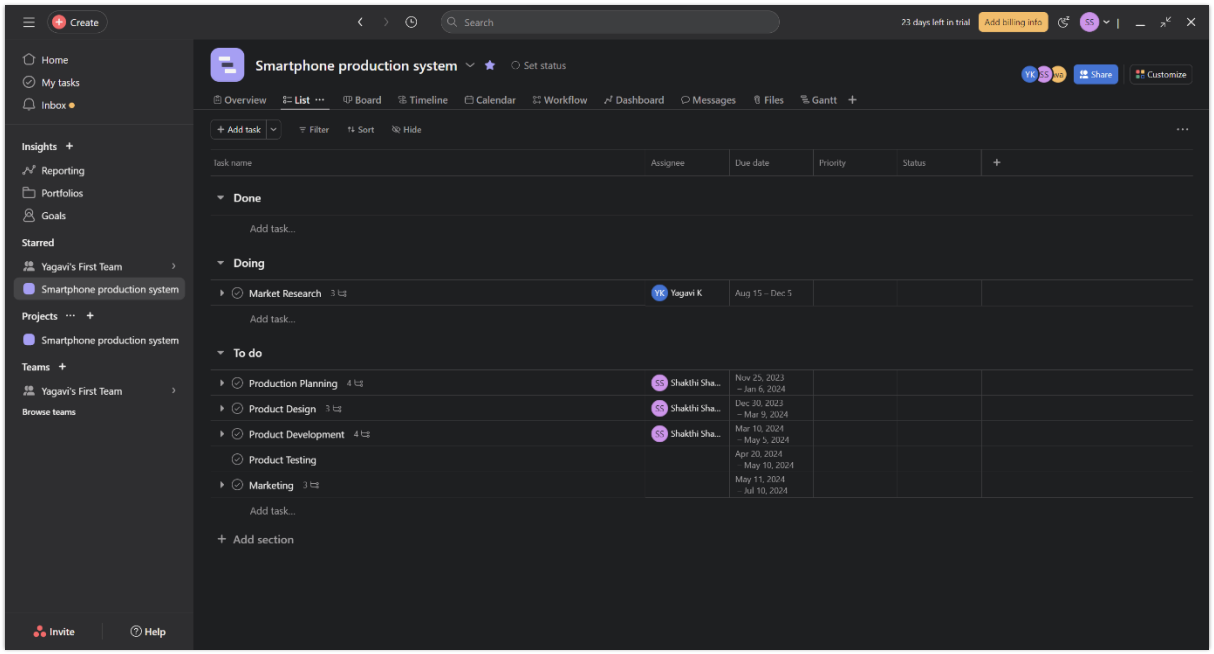
Invite
Help
Smartphone production system
Set status
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
Sort: Start date
Today
All tasks
Years
Color: Section
Gantt options
2023
2024
September
October
November
December
January
February
March
Task name
Date range
Duration
Done
Add task...
Doing
Market Research
Aug 15 – Dec 5
81 days
Add task...
To do
Production Planning
Nov 25, 2023 – Jan 6, 2024
30 days
Product Design
Dec 30, 2023 – Mar 9, 2024
50 days
Product Development
Mar 10, 2024 – May 5, 2024
40 days
Product Testing
Apr 20, 2024 – May 10, 2024
15 days
Marketing
May 11, 2024 – Jul 10, 2024
43 days
Add task...
Add section
New
Send feedback


Create
Search
23 days left in trial
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Yagavi's First Team
Smartphone production system
Projects
Smartphone production system
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Yagavi's First Team
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Invite
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Messages
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Gantt
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Sort
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Task name
Assignee
Due date
Priority
Status
Done
Add task...
Doing
Market Research 3
Yagavi K
Aug 15 – Dec 5
Add task...
To do
Production Planning 4
Shakthi Sha...
Nov 25, 2023 – Jan 6, 2024
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Shakthi Sha...
Dec 30, 2023 – Mar 9, 2024
Product Development 4
Shakthi Sha...
Mar 10, 2024 – May 5, 2024
Product Testing
Apr 20, 2024 – May 10, 2024
Marketing 3
May 11, 2024 – Jul 10, 2024
Add task...
Add section

VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF COMPUTER SCIENCE ENGINEERING AND INFORMATION SYSTEMS

Fall Semester 2023-2024

SWE2006 – SOFTWARE PROJECT MANAGEMENT

J-COMPONENT PROJECT

REVIEW – 3

FACULTY

PRABU J

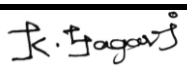
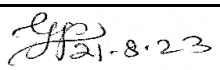
TOPIC

SMARTPHONE PRODUCTION SYSTEM

TOOL NAME: **ASANA TOOL**

SLOT: **G2**

TEAM MEMBERS

REG.NO	NAME	SIGNATURE
21MIS0051	Yagavi K	
21MIS0123	Pranay Gorantla	
21MIS0244	Shakthi Shamruth Dhamotharan	

ABSTRACT:

The aim of this project is to identify the minimum duration required to finish the overall production of the new smartphone using new production system in order to improve the smartphone's features and performance, as well as to practice a sustainable processing system to reduce the investment costs and overconsumption of raw materials. Practicing such sustainable production system may enable our company to produce highly improved smartphones that meets customer requirements and needs, with less defects and losses. The reason for why this project was carried out is mainly due to our competitor's pressure on our company. Furthermore, our smartphone would be focused on making it more sustainable compared to others. So, in order to meet our overall goal of producing a suitable sustainable production system and finishing the project without any sensitive issues that could limit progression of this project, we need to identify some vital steps in the project that must be managed correctly.

OBJECTIVES:

1) To produce smartphones with features that meets customer needs and wants, as well as to make it more sustainable.

2). To increase the number of users and productivity by implementing sustainable production system.

SUB-OBJECTIVES:

This mobile manufacturing system can be achieved if the following goals are met. A. Cooperation with team members B. Availability of all resources on time C. Proper planning and execution Our objectives will definitely fall under the SMART category: S- Specific M- Measurable A- Achievable R- Relevant T- Time-constrained

● Specific→ We will focus more on the proper development on the mobile to make sure it withstands in the market for a longer time.

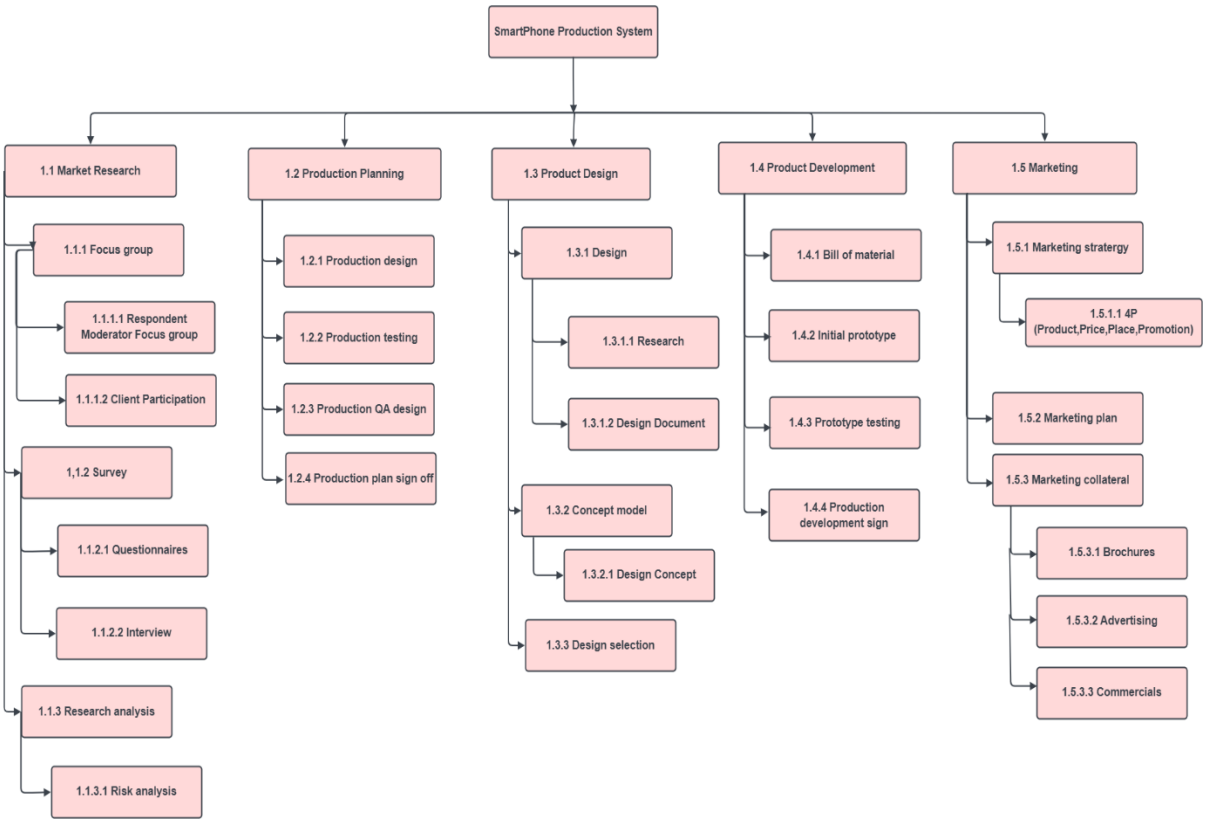
● Measurable→ We are going to boost the brand awareness by promoting our product through social media.

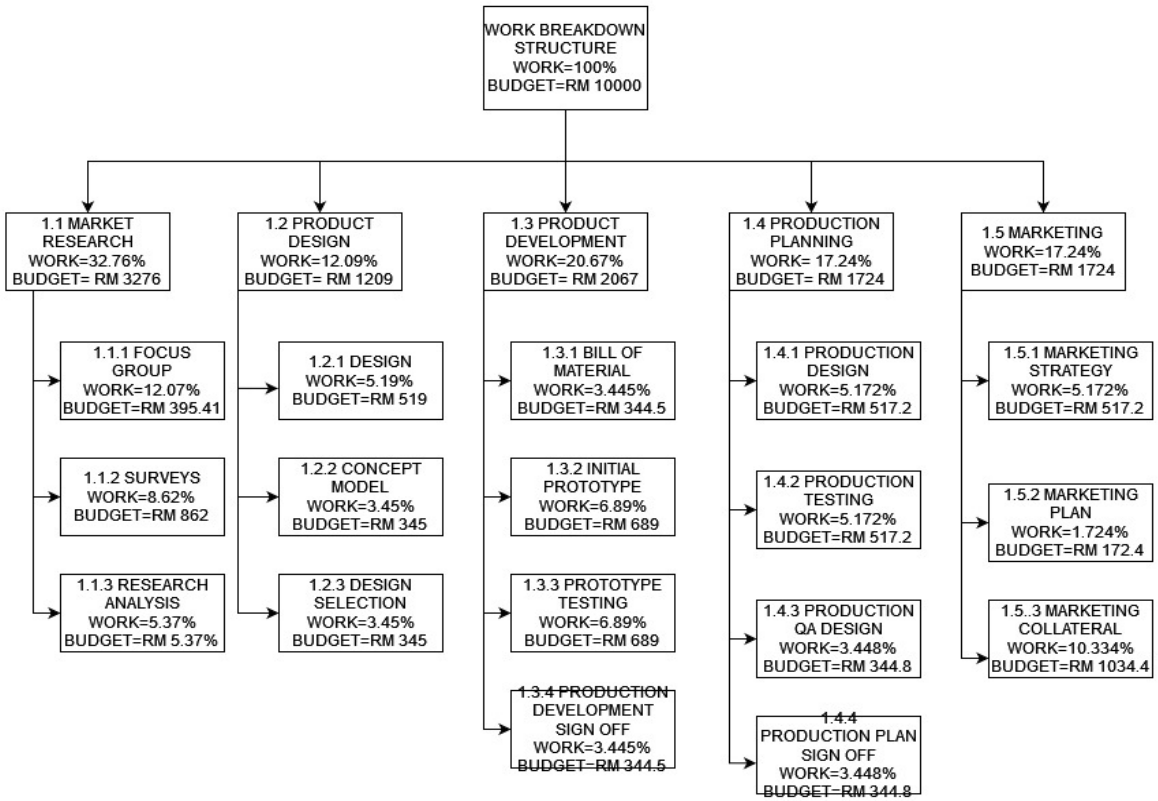
● Achievable→ We will make sure all the qualities which we mentioned in our project will be incorporated without fail.

● Relevant→ The goals which we set will definitely be in accordance with the manufacturing process.

● Time-constrained→ Here we will ensure that all activities will be completed within the specified time and that all factors will be taken into consideration during making of the mobile.

WORK BREAKDOWN STRUCTURE:





TOOL USED: ASANA tool

IMPLEMENTATION:

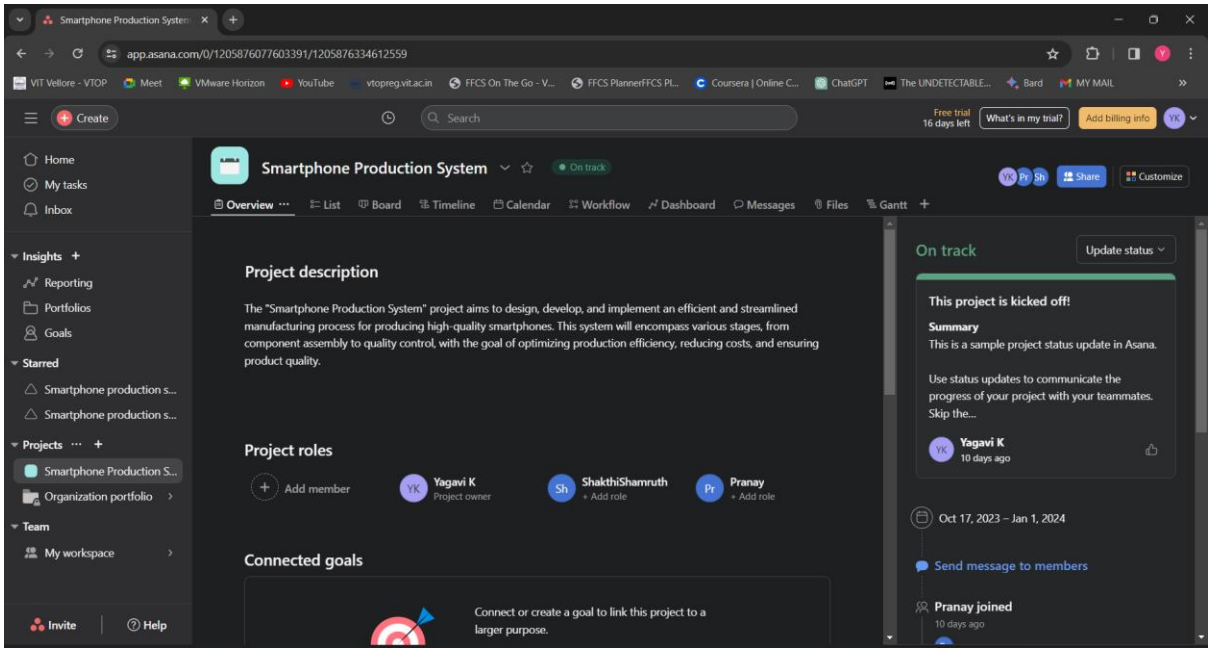
1. Workspaces: In helps to make all work for teams and helps in team formation. It is a shared work area for users to collaborate on projects and tasks. These are the big building blocks of your Asana tool. For different clients or teams, you can create different workspaces for each of them.

2. Projects: These help to understand different flows of activity. It is space where you will have your series of projects. They are a main organizational unit in Asana and can be both public and private. One can color-code them and have different filters in the projects section: priority, assigned people, and tags.

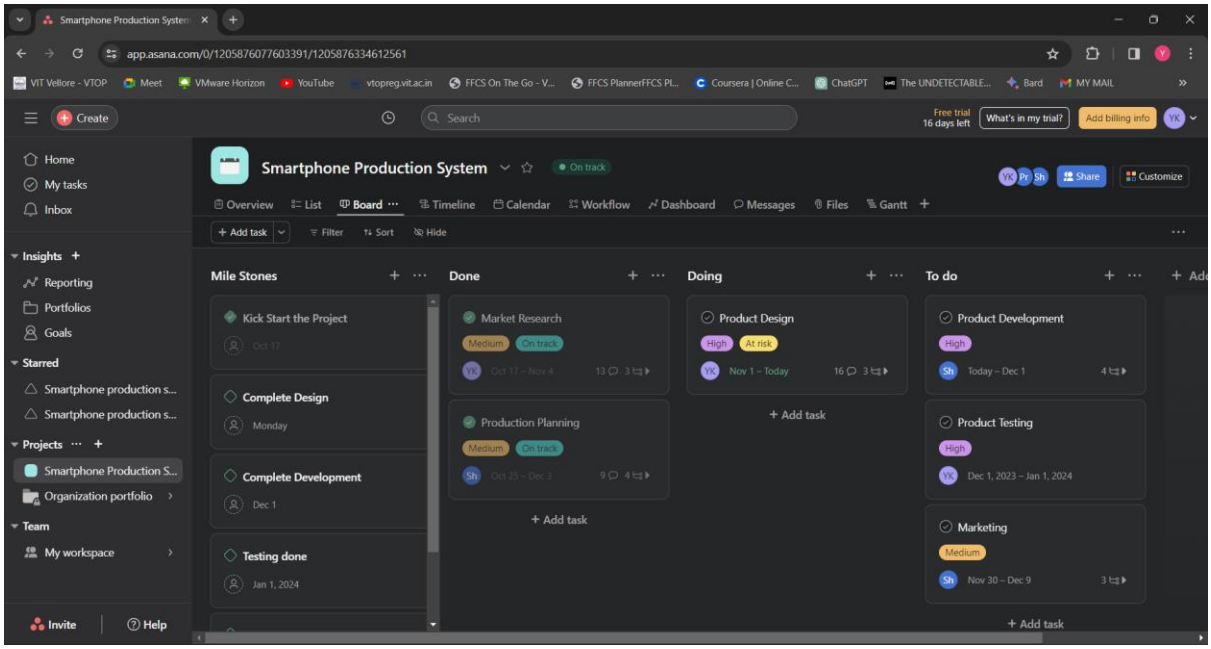
3. Tasks: They are used to juggle with one's work's building blocks. It simply puts the level of organizing work in Asana is to-dos. One can create tasks, add a variety of information to them, and keep work balanced.

4.Calendar: It is an alternative view for the tasks. The calendar in Asana lets one view all the tasks that are due to be done. Using the Asana calendar, you can easily switch between list view and calendar view so as to see which tasks are due when.

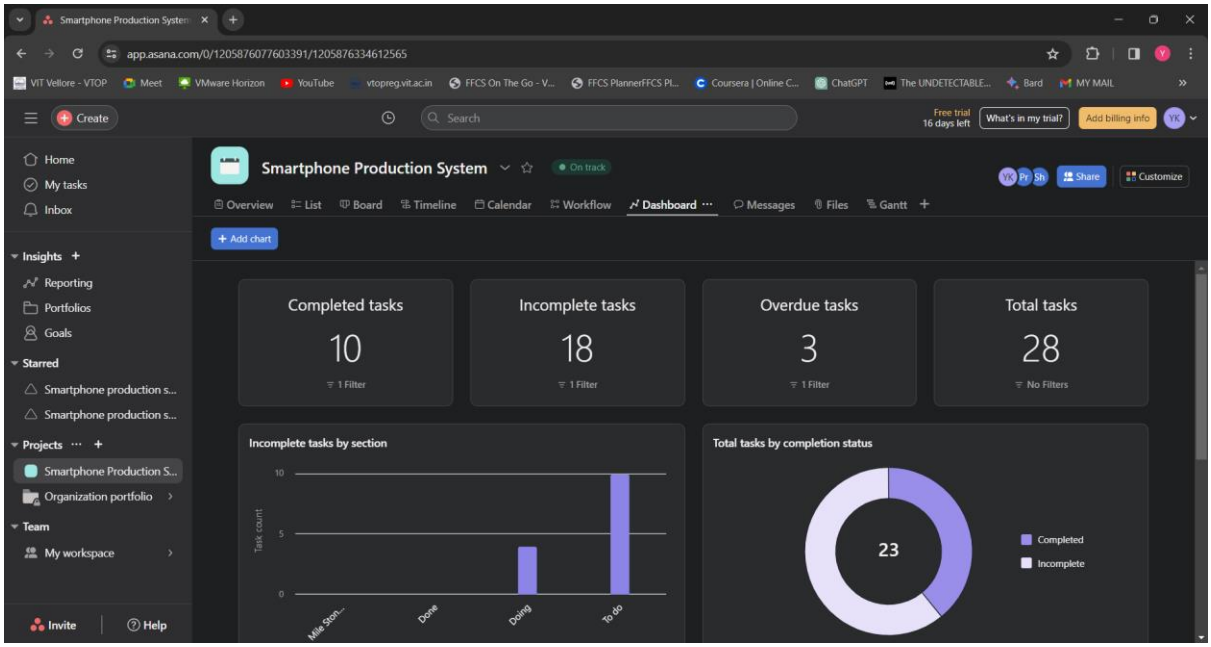
OVERVIEW:



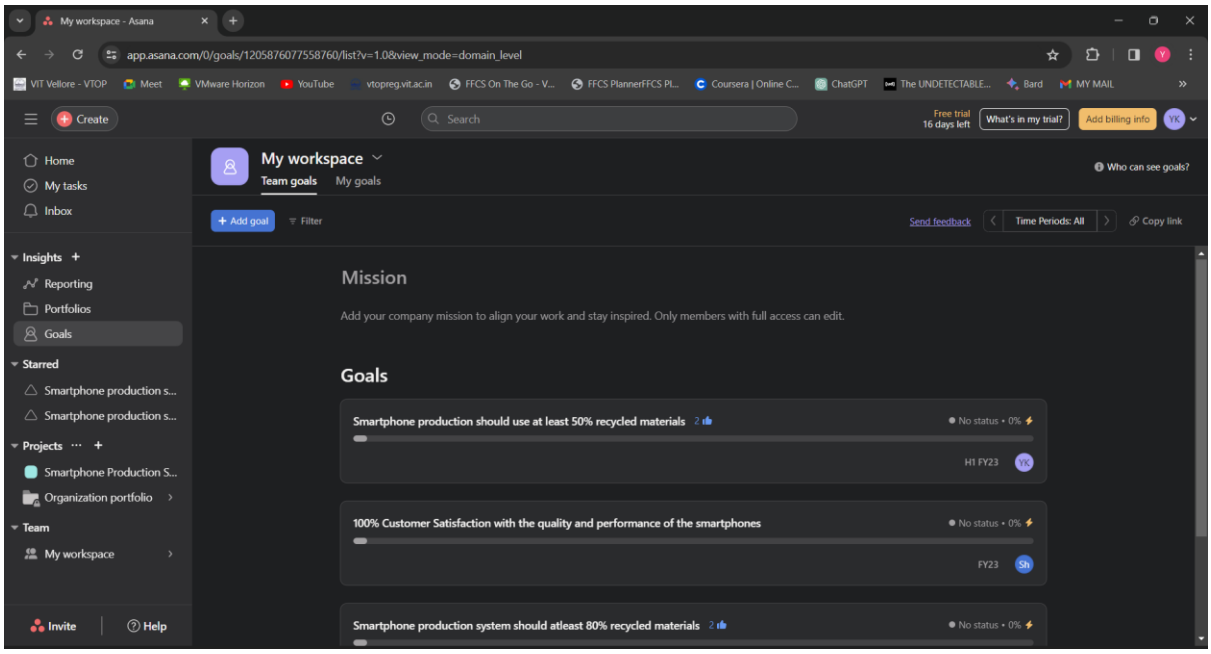
MAIN SCREEN:



DASHBOARD:



GOALS:



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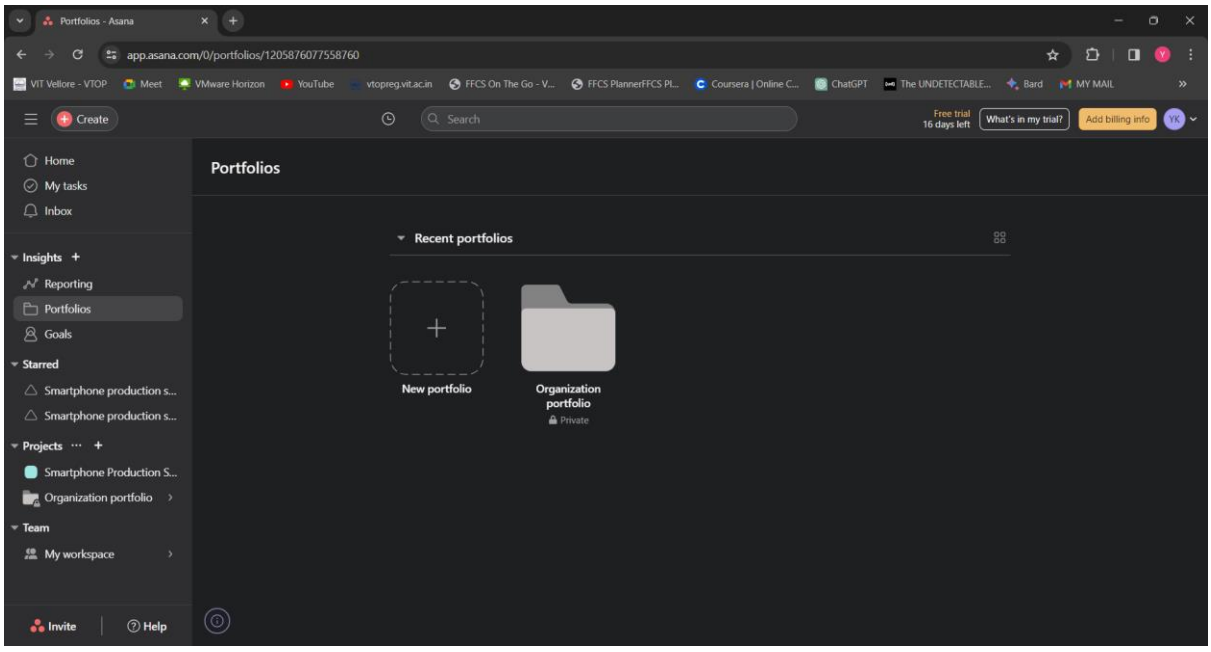
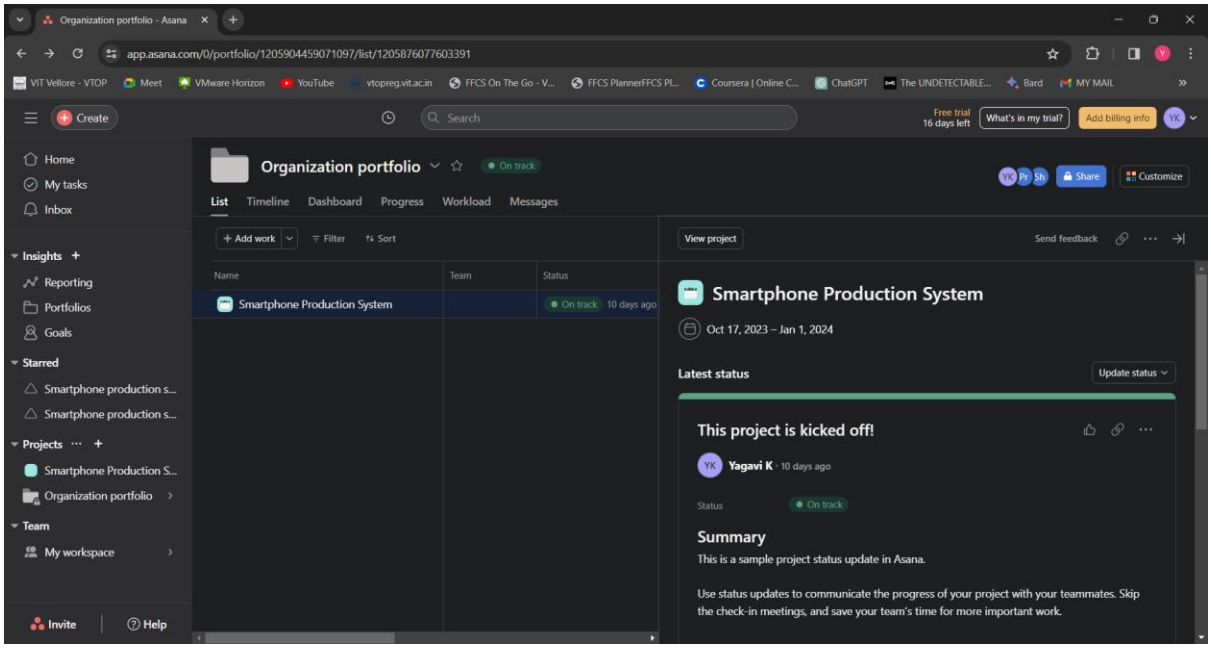
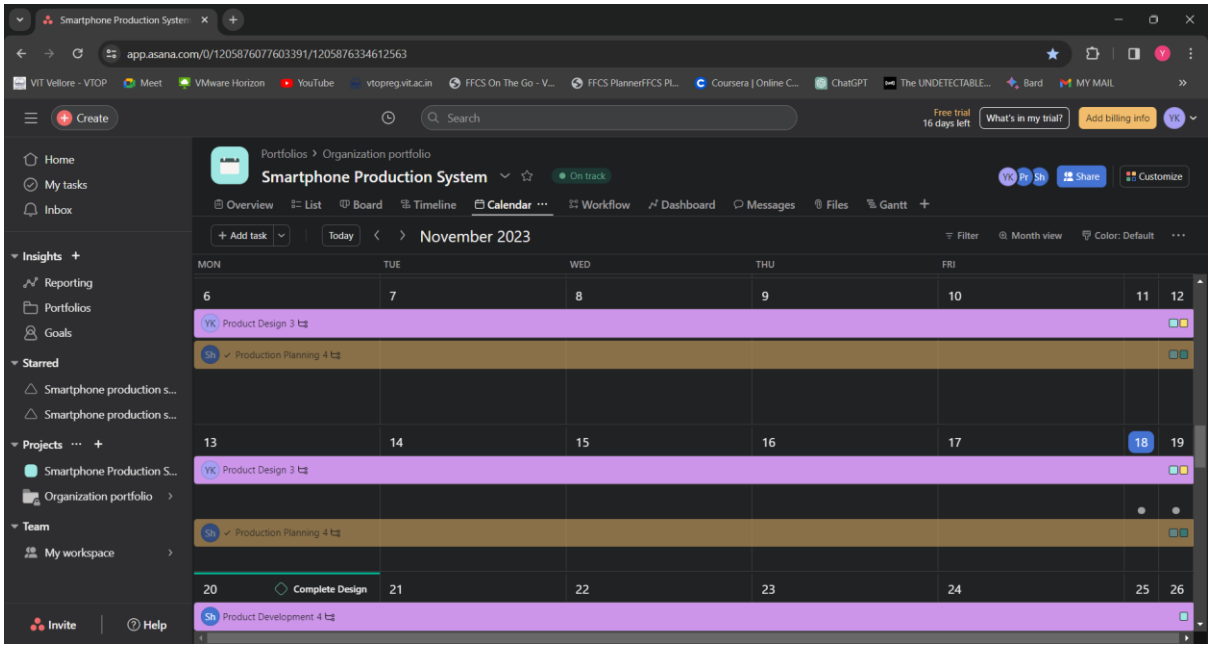



Organization portfolio - Asana
app.asana.com/0/portfolio/1205904459071097/list/1205876077603391
Create
Search
Free trial 16 days left
What's in my trial?
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Smartphone production s...
Smartphone production s...
Projects
Smartphone Production S...
Organization portfolio
Team
My workspace
Invite
Help
Organization portfolio
On track
Share
Customize
List
Timeline
Dashboard
Progress
Workload
Messages
Add work
Filter
Sort
Name
Team
Status
Smartphone Production System
On track
10 days ago
View project
Send feedback
Smartphone Production System
Oct 17, 2023 – Jan 1, 2024
Latest status
Update status
This project is kicked off!
Yagavi K · 10 days ago
Status
On track
Summary
This is a sample project status update in Asana.
Use status updates to communicate the progress of your project with your teammates. Skip the check-in meetings, and save your team's time for more important work.


Smartphone Production System
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Create
Search
Free trial 16 days left
What's in my trial?
Add billing info
Home
My tasks
Inbox
Insights
Reporting
Portfolios
Goals
Starred
Smartphone production s...
Smartphone production s...
Projects
Smartphone Production S...
Organization portfolio
Team
My workspace
Invite
Help
Portfolios › Organization portfolio
Smartphone Production System
On track
Share
Customize
Overview
List
Board
Timeline
Calendar
Workflow
Dashboard
Messages
Files
Gantt
Add task
Today
November 2023
Filter
Month view
Color: Default
MON
TUE
WED
THU
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Product Design 3
Production Planning 4
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Product Design 3
Production Planning 4
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Complete Design
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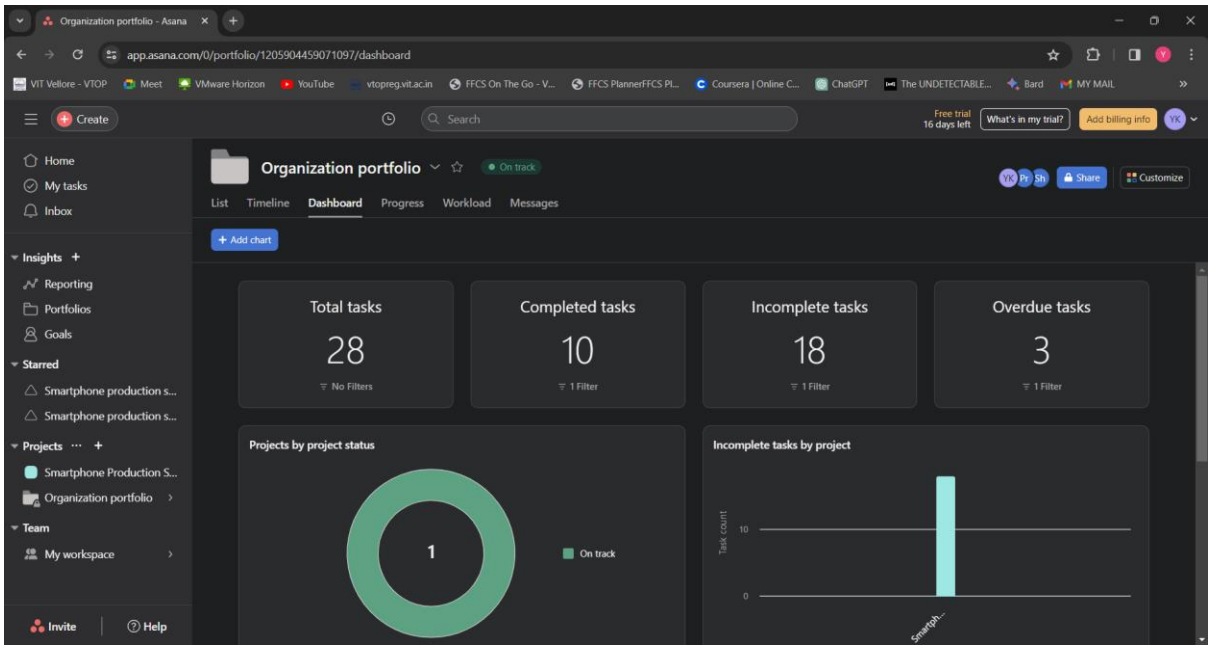
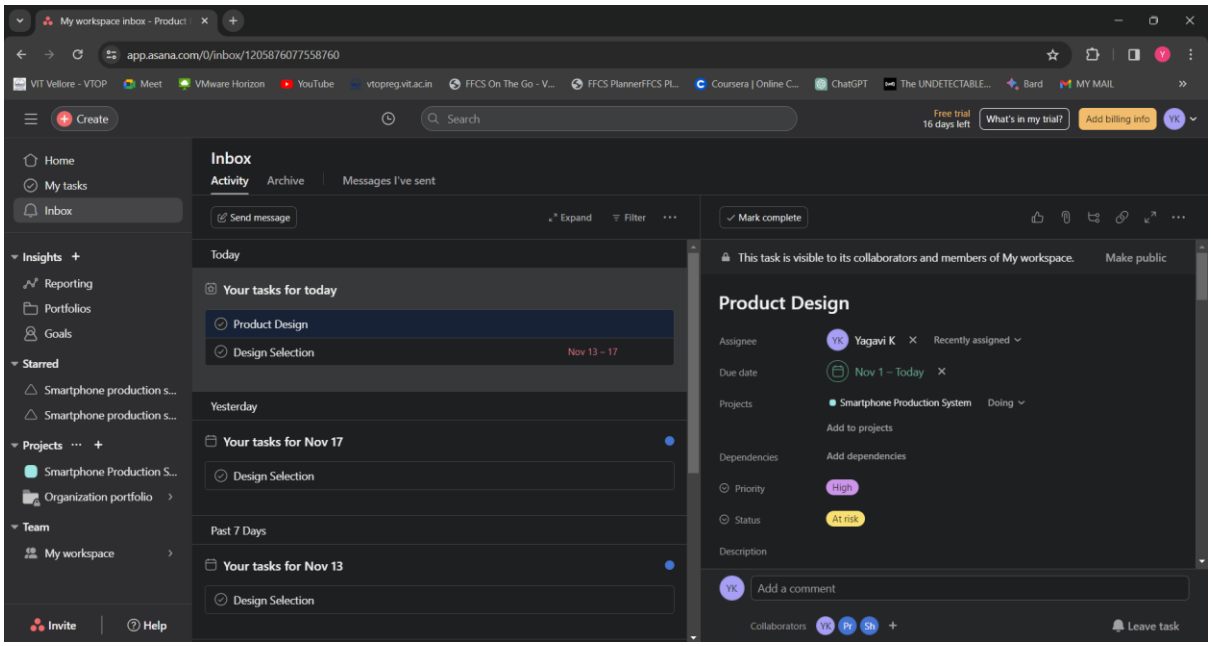
Product Development 4

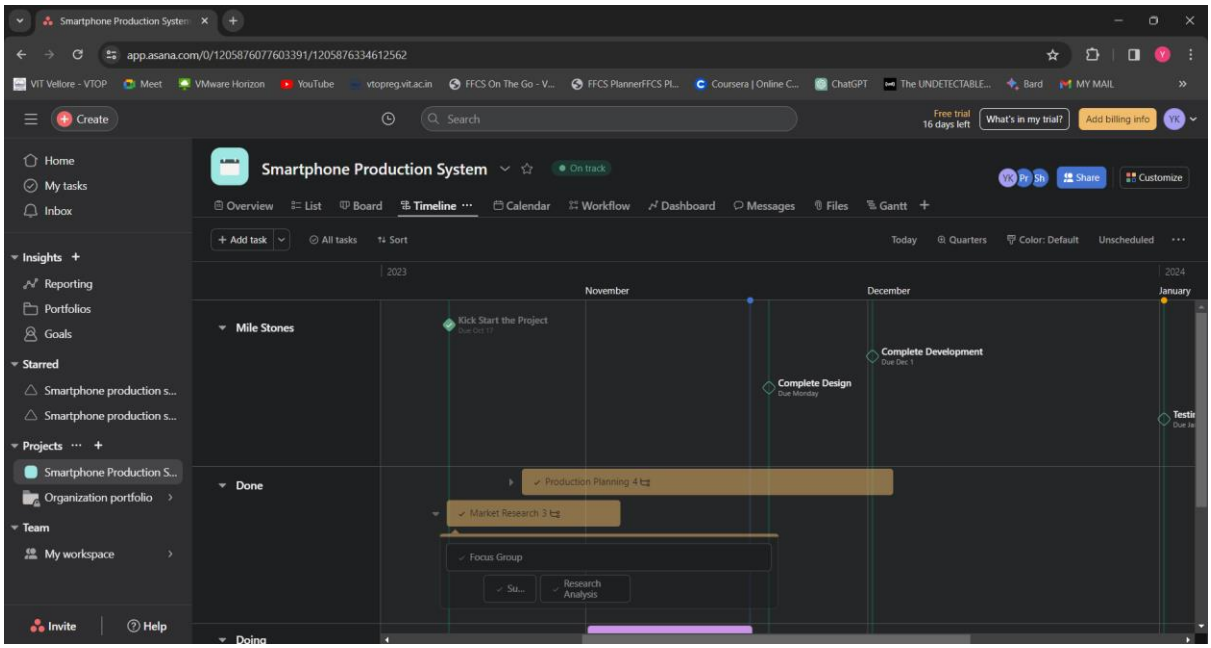
DASHBOARD:



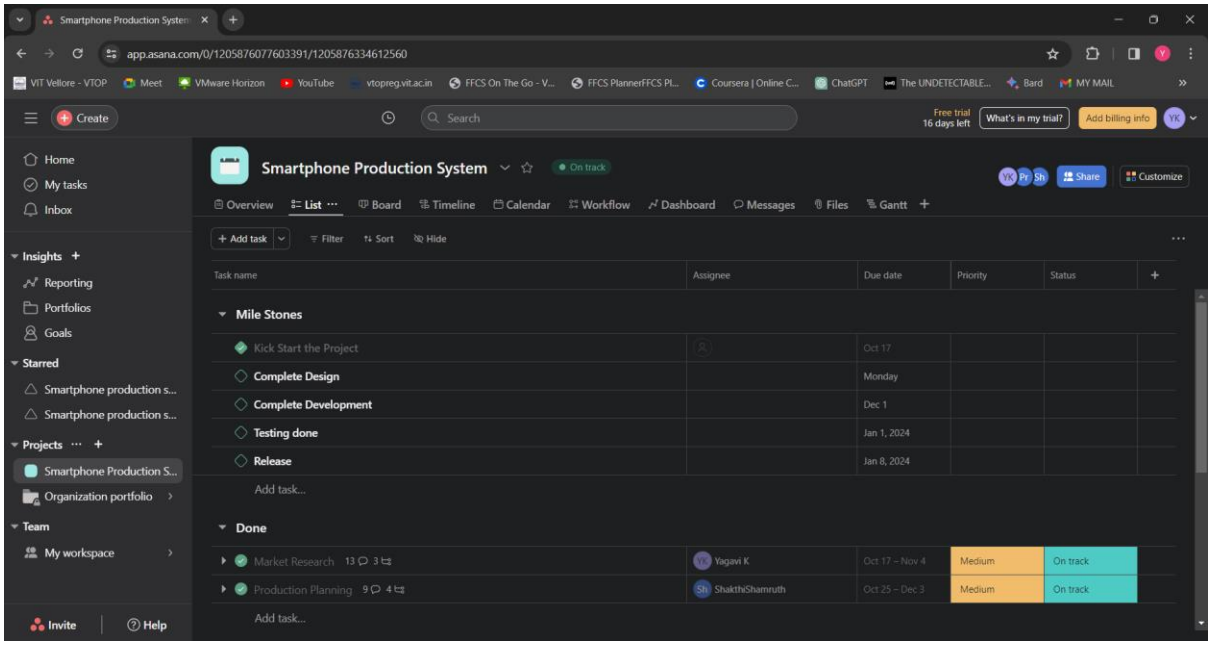
INBOX:



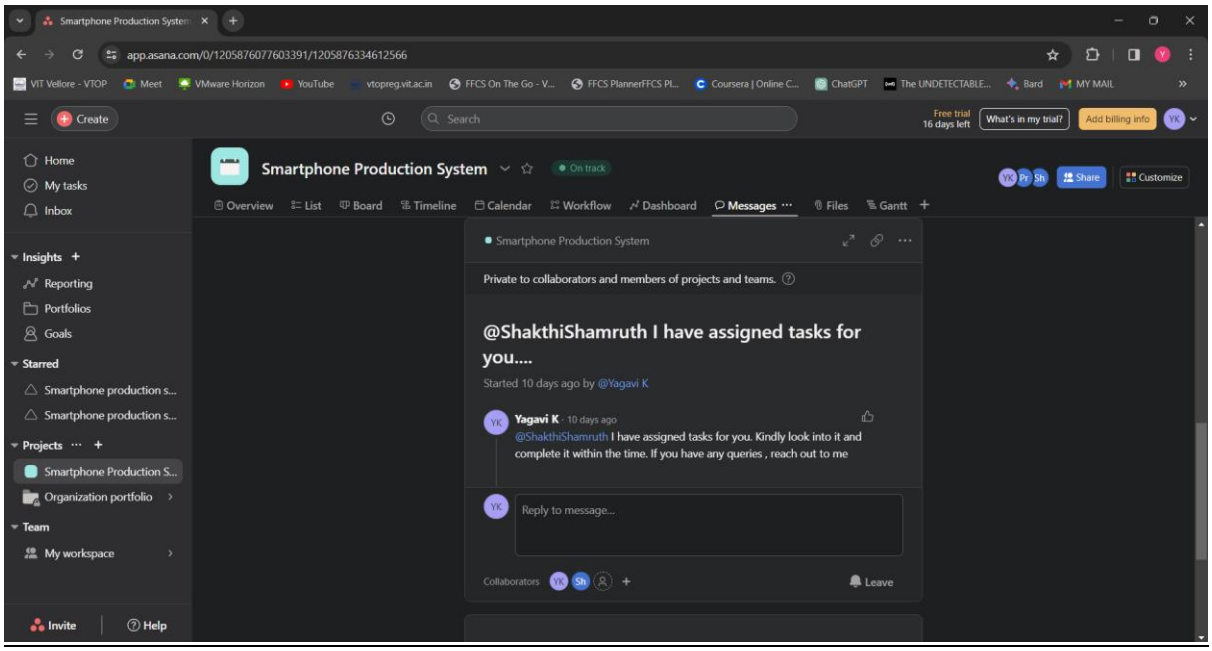
TIMELINE VIEW:



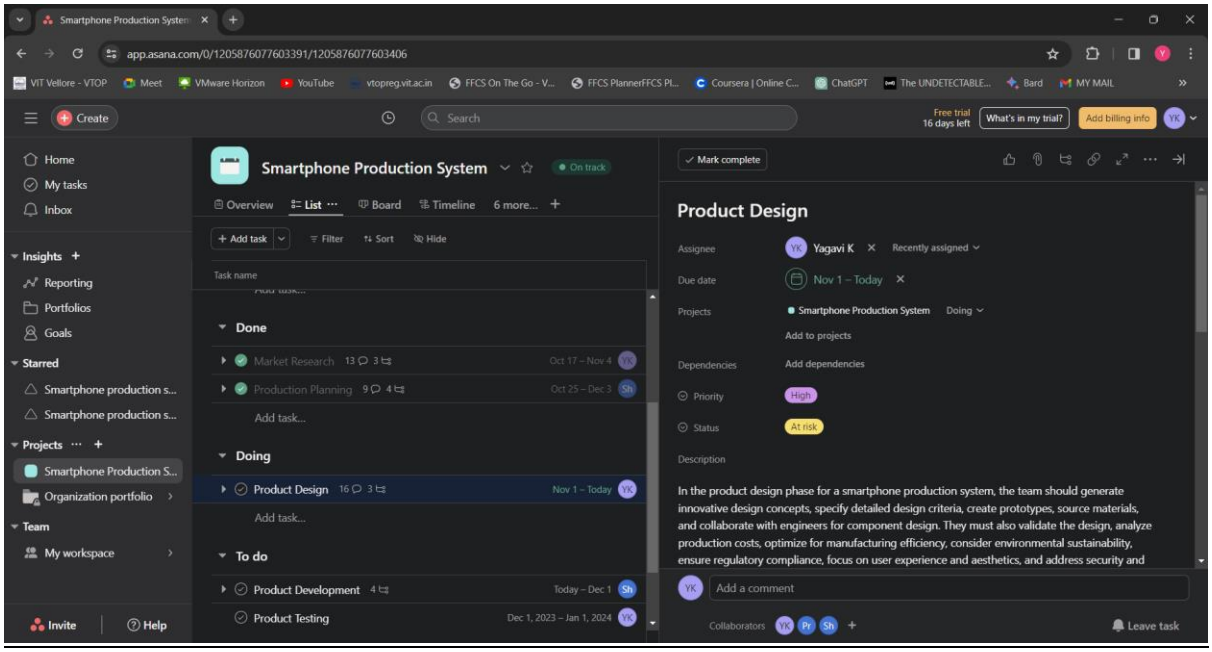
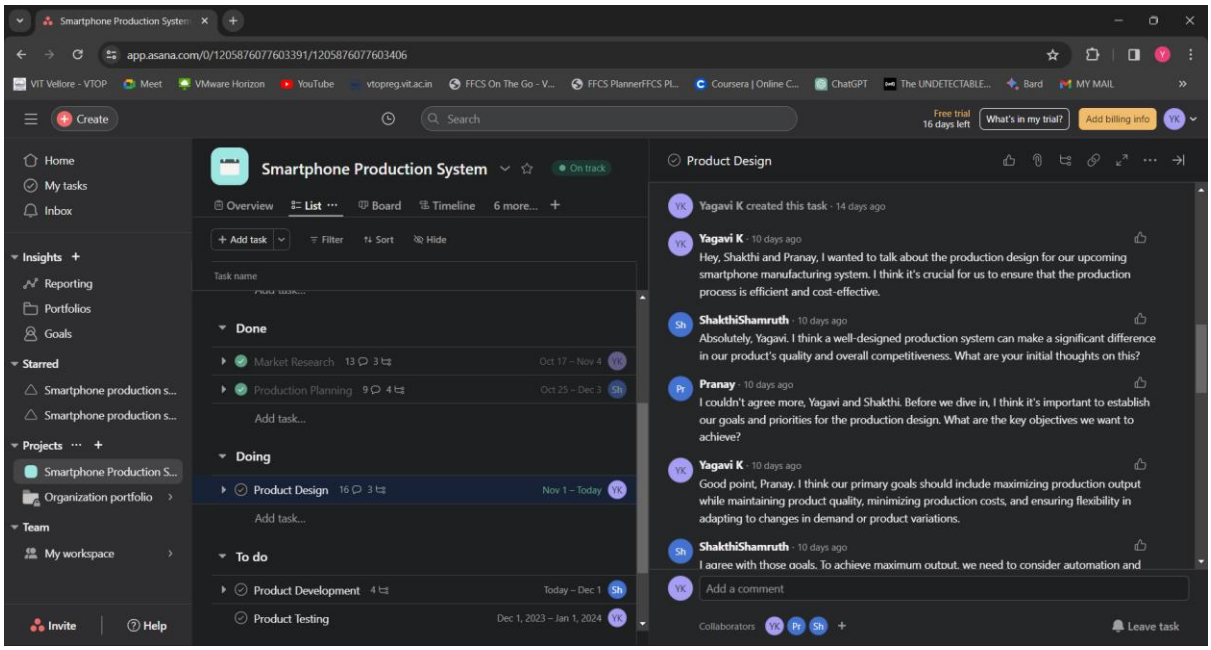
LIST VIEW:



NOTIFYING TEAM MEMBERS:



TASK EXPLANATION:



DISCUSSION AMONG TEAM MEMBERS: