



Team 22 - Product Backlog

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Problem Statement:

Many productivity tools lack a balance between simplicity and functionality, leaving users overwhelmed by complexity or under-equipped to effectively manage tasks, goals, and time due to limited features. Planorama aims to solve this by integrating task management, time tracking, goal setting, and actionable insights into a single intuitive platform. Unlike Trello, Notion, or Google Calendar, Planorama combines these functionalities with gamification and collaboration tools to enhance productivity in a team-oriented and engaging manner.

Background Information:

Audience

The domain of Planorama is productivity applications. Students and workplace employees can be overwhelmed by assignments and projects, without a way to properly organize and plan their time. Additionally, it can be difficult to stick to a plan without the proper motivation. This is where Planorama can help as the app is designed for individuals and teams seeking an intuitive, feature-rich platform to organize their tasks, track progress, set goals, and derive actionable insights. It will also feature gamification mechanics which will reward you with badges for properly sticking to your schedule, providing more incentive to do so. Users range from students and professionals to project teams requiring a cohesive productivity tool.

Similar Tools

Existing productivity services such as Trello, Notion, and Google Calendar each focus on distinct aspects of productivity, such as task management, content organization, or scheduling. However, these tools lack comprehensive integration of functionalities, personalized insights, and gamification features.

Limitations

Notion provides powerful content organization but lacks built-in time tracking and productivity insights. We aim to integrate real-time task tracking and AI-driven insights to help users optimize their workflow efficiently.

Trello excels at task management but lacks deep goal-setting features and gamification elements. Planorama will incorporate structured goal tracking, achievement badges, and streaks to keep users motivated.

Google Calendar offers scheduling and reminders but doesn't support task prioritization and collaboration effectively. Our platform will merge scheduling with dynamic task prioritization and real-time team collaboration to streamline productivity.

Traditional productivity tools often have rigid or overly complex interfaces, making them difficult to adapt to different workflows. Planorama will offer a highly customizable yet intuitive UI, allowing users to personalize their experience without complexity.

Functional Requirements:

Task Management

1. As a user, I would like a task page so I can view all my tasks.
2. As a user, I would like to be able to create tasks.
3. As a user, I would like to be able to edit and reorder tasks.
4. As a user, I would like to be able to delete tasks.
5. As a user, I would like to be able to create subtasks within a task.
6. As a user, I would like to drag and drop tasks so that I can easily visualize my task order.
7. As a user, I would like to categorize tasks by priority, tags, or deadlines so that I can make decisions on which order to take the tasks.
8. As a user, I would like to color code tasks based on categories so that I can quickly identify them.
9. As a user, I would like to set default task templates so that I can quickly create repetitive tasks.
10. As a user, I would like to set different statuses for tasks (in-progress, blocked, waiting for review).
11. As a user, I would like to be able to filter tasks by completion status.
12. As a user, I would like to archive completed tasks so that I can keep my workspace clutter-free.
13. As a user, I would like to be able to roll over incomplete tasks to the following day, either automatically or manually.
14. As a user, I would like to be able to set task dependencies to organize connected tasks better.
15. As a user, I would like to schedule tasks for a future start date so that I can plan ahead without cluttering my current task list.
16. As a user, I would like to receive smart suggestions for breaking up long tasks into smaller subtasks.

Goal-Setting & Progress Tracking

17. As a user, I would like to jot notes down about tasks that I have or have not completed so that I can reference thoughts for later.
18. As a user, I would like to track undesirable habits/tasks so that I can check progress on if I'm lowering how unproductive I am (if time allows).

Time-Tracking & Productivity Insights

19. As a user, I would like to log time spent on tasks so that I can keep track of progress.
20. As a user, I would like to be able to visualize how my time is spent across different categories (if time allows).
21. As a user, I would like to set an estimated time and an actual time for each of my tasks, and see the difference between the two.
22. As a user, I would like to receive a weekly summary of my most and least productive days so that I can adjust my workflow.
23. As a user, I would like to compare my productivity across different weeks/months to track my long-term progress.
24. As a user, I would like to check time spent on breaks so that I can maintain a healthy balance.
25. As a user, I would like to be given gentle reminders through pop-ups or alerts suggesting I take breaks after long periods of continuous work.
26. As a user, I would like to receive productivity tips based on my task history (if time allows).

Gamification & Team Features

27. As a user, I would like to see a streak tracker to visualize my consistent task completion.
28. As a user I'd like to be able to navigate to a profile tab where I can see relevant information about my account.
29. As a user, I would like to be able to share or display my streak or other object on my profile.
30. As a team member, I would like to view a productivity leaderboard to foster a sense of competition and teamwork.
31. As a team member, I would like to send and receive kudos for completed tasks to encourage engagement.
32. As a team leader, I would like to assign weighted points to tasks to reflect their complexity.

33. As a user, I would like to be able to search for other users so that I can use other functionality like teams.
34. As a user, I would like to be able to be a contributor (leader or member) for multiple unique teams.
35. As a user, I would like to be able to access a unique team page for each of the teams that I am a part of to see team tasks and contributors.
36. As a team leader, I would like to create a “team” so that I can manage group tasks.
37. As a team leader, I would like to be able to add users to a team.
38. As a team leader, I would like to be able to assign tasks.
39. As a team leader, I would like to set permissions for different team members so that I can control who edits tasks.
40. As a team leader, I would like to be able to view team members’ activity.
41. As a team leader, I would like to track the time my members are spending on tasks.
42. As a team member, I would like to be able to add tasks.
43. As a team member, I would like to be able to claim tasks.
44. As a team member, I would like to mark team tasks as completed.
45. As a team member, I would like to leave comments on tasks so that I can communicate updates.
46. As a team member, I would like to tag people so that they can be notified when a task needs their attention.

User Preferences & Accessibility

47. As a user, I would like to create an account with unique log in credentials.
48. As a user, I would like to log in to my account when I return.
49. As a user, I'd like my data to be synced to my account so that signing in somewhere new shows me my tasks.
50. As a user, I would like to be able to use multiple devices so that I can be productive and check my tasks no matter my situation.
51. As a user, I would like to be able to access a settings option that allows for preferred features.
52. As a user, I would like to enable dark mode or adjust the app theme so that I can work in my preferred visual setting.
53. As a user, I would like to change the font size and spacing so that I can improve readability based on my preference.
54. As a user, I would like to choose what view I am in (calendar, timeline, etc.) so that it can be in my most preferred state.
55. As a user, I would like to set focus mode where notifications are muted for deep working sessions.
56. As a user, I would like to receive notifications so that I can be reminded of important tasks and stay productive.
57. As a user, I would like to be able to change my display name for different teams to best suit each team.
58. As a user, I would like to be able to change my profile picture so that I can customize my account.
59. As a user, I would like to be able to delete my account if I no longer want to use the app.

Integrations & Data Export

60. As a user, I would like to integrate Planorama with third-party tools like Google Calendar or Slack for streamlined workflow (if time allows).
61. As a user, I would like to export my task data in CSV or PDF format for external analysis (if time allows).

Non-Functional Requirements:

Performance

The platform must ensure tasks and insights load within 500ms for an optimal user experience while supporting up to 10,000 simultaneous users with minimal latency.

Scalability

The architecture should be scalable with cloud-based solutions to accommodate a growing user base and new features.

Usability

A responsive design must ensure compatibility across desktop and mobile devices, while an intuitive and consistent user interface minimizes the learning curve.

Security

To ensure data security, sensitive user information must be protected with end-to-end encryption, preventing unauthorized access. Additionally, all user actions should be authenticated using OAuth 2.0 standards.

Availability

The platform must maintain 99.9% uptime, ensuring high availability and reliability for users. Any downtime should be limited to scheduled maintenance periods, minimizing disruptions and optimizing system performance.