Plannist Notes

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-: Task scheduling or project management tool like Trello, asana, and ClickUp
-: Focusing application with timer
-: time management techniques like: Pomodoro
       +: https://timeular.com/blog/pomodoro-alternatives/
       +: https://www.usa.edu/blog/time-management-techniques/
       +: https://gridfiti.com/study-techniques-like-pomodoro/
       +: https://www.timedoctor.com/blog/time-management-tools-and-techniques/
       +: https://www.ilovepdf.com/blog/best-study-methods-techniques
       +: https://www.ssuiteoffice.com/software/mycalendardiary.htm

                Random Ideas
 what is Plannist about?
 Plannist is desktop project management tool with learning and time management tools, it uses different template's or job types for example, project manager, software engineer, etc.

-: different templates -> for project management -> categories like "business", "Design", "Project management", "Marketing", "Education"
       +: draggable Kanban
       +: use pricing + date

-: learning techniques
       +: note taking
       +: flashcards
       +: mind maps
       +: regular tests/find sample questions
       +: cramming
       +: audio and video
       +: Feynman technique
       +: review on later days
       +: Pomodoro technique + review
       +: The Leitner system
       +: allow for docs, quick notes(draggability to a workspace)

-: time management techniques
       +: Pomodoro techniques
       +: SMART goals

Software process:

Planning

-: Competitive analysis:
       +: todoist - https://app.todoist.com/app/inbox
       +: Asana - https://app.asana.com/0/1205759217346072/overview
       +: Click Up - https://app.clickup.com/9015469826/home
       +: fantastical: https://flexibits.com/fantastical
       +: capacities: https://capacities.io/product
       +: EverNote: https://evernote.com/features/notes-app
       +: habitica: https://habitica.com/
       +: Cron(now: notion calender) https://cron.com/
       +: rainlender: https://www.rainlendar.net/
       +: vueMinder: https://www.vueminder.com/
       +: calendar: https://www.calendar.com/cron-calendar/

             ClickUp vs Asana vs Trello

Click Up, Asana and Trello are all project management tools that effectively enable teams with collaboration, organization, and a plethora of features for tasks, scheduling, time management and budgeting. Each management tools have prominent or distinctive features and functions that make them unique. During this essay, I'll compare and contrast the various features of 3 popular project management tools: Trello, Asana and Click Up, then I'll conclude with my preference and motives for my choice.

All 3 project management tools have the obligatory requirement of collaboration, oneness and unity for a team or person to reach an end goal, the only differentiating factors is how it enables them or what different methods are used to reach that goal. Click Up uses a sort of hierarchical tree structure to split each section into "spaces". The child node of "spaces" like "Everything" shows an overview of the "team space", "project", and sub- "projects". Using design components like chips or tags allow for project management team to sort specific content based on specific criteria or preferences, allowing them to refine the search or information they see, therefore increasing the browsing experience. This tree functionality allows for the project management team to feel less claustrophobic and enable them to create an organized retractable portfolio of projects. Asana incorporates relatively similar, but distinctive features. Asana uses a tree like structure fused under "Portfolios"; an overview of all portfolios is listed and allowing for "New portfolio" 's to be instantiated.

Asana, Trello and Click Up permit users to view their tasks in other forms, with each view making a major contribution to the individuals in the team. For example, calendar view; team members can see due dates and deadlines at first glance and plan their schedules accordingly. Click Up makes use of different types of "views" for progress(deadline), task, and time management; one outstanding "view" is the kanban-style "Board", which is known for helping visualize the project scope or problems. Allowing for users to conceal a task under a title, author, date etc. And is draggable to show progress or status modification. Identically, Trello and asana use a similar kanban "Boards", but Trello lack functionality compared to its counterparts, as it misses parts such as sub tasking, scheduling (start and due date), teammate assignment or addition and updateability. Asana, mirrors the view feature of Click Up and more; we see similar features such as, description adding, scheduling etc. And the dissimilar features like, image and file addition, AI assistance and task conversion. These added features can enable the team members to convey their description with images and files.

During my investigation and evaluation, I've concluded that Click Up is most suitable project management tool due to its flexibility. While Trello is lauded for its simplicity and user-friendly interface, it may fall short when it comes to big teams handling complex projects that require advanced functionality to enhance workflow efficiency. Asana effectively utilizes its interface, ease-of-use, communication features,

and task management capabilities to improve the users experience, but its simplicity can be it limiting factor. Click Up, although initially hard to learn compared to the other tools, offers features that can drive teams towards project success once mastered.

Functional and non-Functional requirements

Functional requirements:

-: allow for user to create an account
-: sign up/in
-:: must allow for users to manage tasks, time and learning techniques
-: allow for a way to singular and combine tasks management , time management and learning technique
-: task management:
+: task name/title
+: add description
+: TODO
+: due date
+: Priority
+: Tags
+: subtasks
+: Use templates
+: Kanban, calendar, Board, List, etc.
+: Add checklist
+: attach files
-: time management:
+: highlight of the day
+: most urgent thing of the day
+: time blocking
+: to-do list
+: Pomodoro method
+: Limit distraction
+: prioritize tasks/singular/avoid multitasking - scheduler with timer
+: distraction stopper
+: time sheet
+: Parkinson's law
+: Timeboxing
+: Eisenhower matrix
+: Year-at-a-glance - sheets
+: Ideal week - calendar
+: Daily quests - work + health + relationship

-: all for users to create tasks
-: allow for users to view their tasks in different views
-: chatting functionality
+: share files or contents

Design

-:: Figma
   -: Wireframe:
         +: Low Fidelity - for layout and high level interactions ~ using grayscale represented using basic shapes like squares, triangle, circles and lines.

         +: High Fidelity - detailed version of the low Fidelity, using colours, graphics and font style.
Figma for prototyping and design the digital product.

https://www.figma.com/design/SrFLwX4AEdMkGoqg7ECGXl/Plannist?node-id=133-10

Coding and implementation

What language will be used for Plannist 1,2, 3?
Plannist 1: Server(C++)/Client(Qt)
Plannist 2: Java and processing + spring for web
PHP for web
Plannist 3: C and Opengl

Testing

Deployment

Maintenance