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INFORMATION TECHNOLOGY
DEPARTMENT

College of Engineering and Information Technology

Information Technology Department

**Development and Evaluation of
AXION
A Web-Based Task Management Tool for College Students**

For RESEARCH 1 – Methods in Research Computing

For the Degree of Bachelor of Science in Information Technology

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CHAPTER 1



BACKGROUND OF THE STUDY

A task is an objective that can be attained by putting effort into it. Whereas, the term ‘organizing’, is defined as a process that starts the implementation of plans by defining roles, establishing working relationships, and efficiently allocating resources to achieve the indicated and intended outcomes or goals. Moreover, task management is the practice of overseeing a task's progress throughout its life cycle, from planning to testing to tracking to reporting. And the application that is designed to support task management is called a task management tool. As students continue to do their academic responsibilities amidst the pandemic, it will be crucial for them to manage their resources for these responsibilities, since it can affect their academic performance. Using a task management tool can be an effective way for college students, because it can support them with managing their tasks properly and work through their academic routine efficiently.

Since the start of the pandemic, college students are engaged in studying and have plans to work on. They usually manage their tasks on their devices through different ways, like setting a reminder manually, writing it in a piece of paper, or even starting with tasks with the highest priorities or the closest to the due date. In other words, students have their own methods to effectively handle the tasks that they ought to undergo. It was also found out that, according to Adams (2019), the students' perceived control of time was the factor that correlated significantly with cumulative point grade average. Together with the current situation amidst the pandemic, the students are spending most of their time isolated and stuck with using technology as an alternative for learning, where they are to rely on managing their tasks through different means, such as using management tools.

STATEMENT OF THE PROBLEM

This study focuses on the current problems that a college student might face regarding their management on their academic-related tasks, since college students are currently working on blended learning as an alternative to continue their education amidst pandemic, thus their sense of independence is being challenged and this includes managing their own time and resources. Certain management struggles that every student might face along the way are: (1) poor management skills, which can trigger more struggles, (2) too much workload that it could overwhelm and pressure the



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students, (3) the conjunction of academic and non-academic activities, thus making decisions will become crucial, (4) uncertainty of the tasks, (5) procrastination, and (6) information overload. Such factors can negatively affect every college students' efficiency and well-being, including their academic performance, and may even lead to unpleasant results, such as internal chaos and demotivation.

GENERAL OBJECTIVE

To design and develop Axion that aims to help college students specifically with overcoming their management problems and improve their academic performance by managing their academic tasks efficiently. This can be done by defining the requirement needed to design and develop Axion, which is being evaluated from this study's factors or variables.

SPECIFIC OBJECTIVE

This study aims to fulfill the following objectives that are specified for designing and developing Axion in order to cover the said problems that the college students are experiencing:

- To identify and assess the correlation of factors or variables that are included in this study, such as the students' condition, practices, and struggles regarding the area of management.
- To have a sufficient foundation of knowledge and data that are gathered from the factors or variables and evaluated to be used as a requirement for designing and developing Axion.
- To design and develop Axion to meet the following targets:
 - To make the system of Axion easy to adapt and comprehend for the students.
 - To hone the students' knowledge and skills about management as they use Axion.
 - To be capable in supporting students on achieving better academic performance.
- To exclusively execute Axion through user testing with college students of Pamantasan ng Lungsod ng Valenzuela being the testers in order to get feedback for the improvement of its system until it is fully-fledged and finalized to work on its own without maintenance and to be published wherein all college students will be able to use Axion.

PURPOSE AND DESCRIPTION



This study broadly shows the purpose of Axion in helping college students to successfully organize their academic-related tasks and make sure that these tasks would be able to go along well with their daily lifestyle. Also, college students will be able to determine which tasks are important, not important, urgent, and non-urgent, and which should be prioritized first up to the last task. Due to this, they can produce sufficient performance to their work, encouraging them to exert their potential to become more productive. Then, it can result in investing more free time on other things that can either be related to academics or not, and achieving their academic goals. Positively boosting their well-being is also an expected implication, since the feeling of being successful, as discussed by Connors (2018), can stimulate positive feelings, such as happiness, confidence, and contentment. This study can also be a source of information that future researchers can use as support for their own studies. The beneficiaries for this study will be:

- **College students** - are the focus for this study and will receive most of the significance. This study can be a learning paradigm on how students can perform better at managing their tasks, workflows in academic and non-academic tasks, and better grades or academic performance. Also to avoid the most problematic hindrances when managing tasks, such as procrastination and demotivation, and to help improve the students' academic competence and develop their managing skills on their own, which will aid them in managing their work resources in the future once they will be employed.
- **Teachers and parents or guardians of college students** - will become aware and informed about how the system of Axion works and how it can help students in managing their tasks.
- **Future researchers** - will not only be informed about how Axion will work to college students, but they are also beneficial since the researchers allow them to make use of this study as a supporting reference that will guide them for their own research.

SCOPE, DELIMITATION, AND LIMITATION

The basis of this study is to acquire the benefits of management, such as submitting work on time and obtaining productivity, wherein academic performance will be directly and positively affected by it and the progression of achieving academic goals will be ensured. Therefore, the best scope for this study, out of all the students in different grade levels, would be the college students,



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specifically those that are liable to have more tasks to work on. Rhodes (2017) have stated that college students are emerging into adulthood, which means that their independence and maturation are being prepared before they finish their education. In addition, according to the Disability Resource Center (n.d.) of Clackamas Community College, college students are very likely to have more freedom to make day-to-day decisions that will support the path that they have chosen and help them achieve their academic goals. By that, they are expected to become capable of handling and managing their tasks on their own. The researchers are able to understand the environment of college students, since they are also in the same occupation and circumstances as them. This means that Axion has to become befitting to the uniform standards of college students to be able to provide benefits to the researchers as well. The specifications of Axion will involve setting each component to give a welcoming atmosphere for the students as the end users. Such specifications include the ability of the students to collaborate which supports data synchronization and is specifically for group activities or projects. Personal workspaces will also be implemented for the individual tasks of the students. Axion has its unique and attractive user interface, along with the system striving to become easy to comprehend for students. Tasks can be differentiated through its due date, priority, and details before it is created to avoid uncertainty. It can also be marked as a favorite in order so that it can be quickly accessed by the students. A login authentication will also be added, in which the credentials of the user accounts will be stored.

Since college students are expected to use management tools to rearrange their tasks, students in the other grade levels, specifically in the secondary level, who are able to use the same tool should be considered. The researchers still find college students to be more befitting to the parameters of this study, thus secondary level will not be included. Another is that some of the college students may not find Axion interesting or become compatible with it. Despite that, Axion still aims to become uniformly acceptable for students, where they can easily adapt to the system and give out its full potential as a task management tool. With regards to Axion being web-based, implementing push notifications will not be included. Axion would not be doing any forms of encouragement, so it will be up to the students to keep track of their current tasks manually. Internet connection will be required for Axion to work since it is a web-based application and also for data synchronization to work which will be needed for collaboration. Unable to have access to an internet connection would mean Axion will not work, therefore, it can be a hindrance. Axion will also be having limited communication during collaboration. Students are only able to interact through updating statuses of subtasks and even tasks by checkboxes, and adding details, notes, or description only on the parent task. The nesting of subtasks will be only down to 2 levels only to avoid too many subtasks that can affect the performance of the database due to the large file size



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of each task. Students will hold the responsibility to keep track of tasks, because Axion can only support students towards management. Therefore, if students did not devote themselves to manage their tasks, they would not be able to give out its potential as a task management tool. Even if they do so, the benefits of Axion will not be guaranteed to offer students the absolute solutions that will answer every problem there is for their management-related problems, for it only serves to aid them with their academic tasks.

CONCEPTUAL FRAMEWORK

The following diagram describes the flow and process of Axion in different user-students state, the diagram is presented below.

Input		Process	Output
Hardware Requirements	Computer and Smartphones		
Platform Requirements	Cross-platform		
Network Requirements	Requires a stable internet connection		
Software Requirements	Computer	Visual Studio Code SvelteKit Git Canva Adobe CS6 Photoshop Internet Browser Bootstrap 5 Internet Browser	Axion: A Web-Based Task Management Tool for Students
	Smartphones	Internet Browser	
Knowledge Requirements	HTML and Javascript Framework	SvelteKit SvelteKit Component based SvelteKit + MongoDB	AGILE LEAN SDLC
	Database	MongoDB NoSQL Database concept JSON	
	CSS Framework	Bootstrap 5	

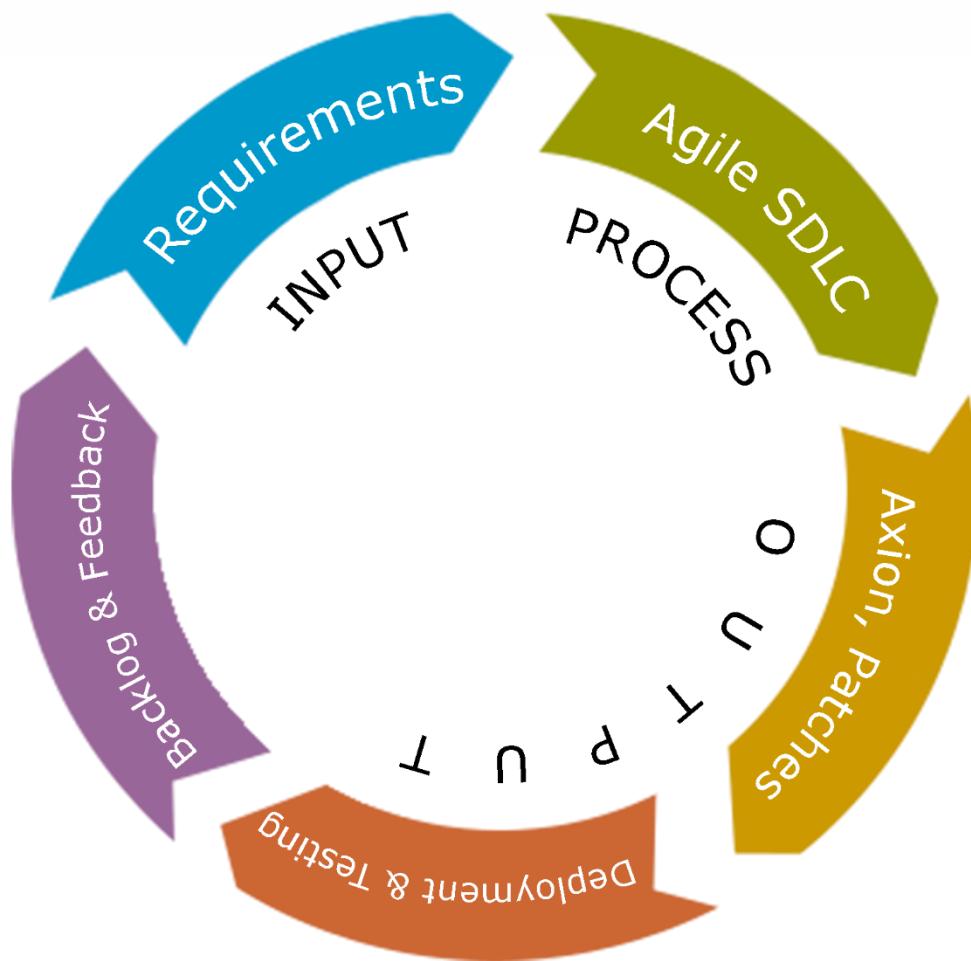


Figure 1. IPO Model of development of Axion

The researchers first look at the requirements to develop such system and this requirement are divided into five (5) categories. The categories are hardware, platform, network, software and knowledge requirement. Computer and smartphones for hardware requirement, as this is the most common and possible gadget that the students have. A cross-platform between windows, android and iOS is what the researchers will development as the system is web-based and runs on the internet browsers. Being online-dependent system requires stable internet connection for it to work, also this is a mandatory requirement for the researchers as they use the internet to gather information, data and to download software/s that is needed in the development. By developing requires software and this software requirement are categorized into two parts, first computer software and second smartphone software requirement to develop the system. On computer software starts with the coding environment, Visual Studio Code and inside of the code editor has any extensions and tools that can be used for better coding and development. SvelteKit and



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Bootstrap are frameworks that will be used to make coding faster. Git for updating and distributing files of the system especially codes. Canva for system layout and low fidelity prototyping, also Canva supports live collaboration. Adobe Photoshop CS6 for additional graphics for the system. Computer and smartphone internet browser is where the output will be displayed after development of the system. For the researchers to be able to use the software properly especially the frameworks and about database they need the knowledge about SvelteKit and Bootstrap 5 for this are the major language they will use in the development. Followed by the database connection with MongoDB through SvelteKit.

On the Process, researchers use the agile software development life cycle for this development is a rapid, fast, and has always changing the system being developed. Axion is not a long term project, after the publication of the system developers will no longer update it.

If the system is not yet in testing phase the output is the Axion a web-based task management tool for students' system, else additional patches and features or fixed bugs and errors in the system.

DEFINITION OF TERMS

Kanban board - is a visual board or system originating from Japan that helps with schedules and track tasks as it moves through a process.

Organizing - is one of the most important functions of management since it focuses on efficiently allocating and organizing people and other financial resources to carry out the organization's strategies. It also includes developing, maintaining, and managing working relationships, which requires planning and a variety of methods for completing those tasks.

Planning - The primary job of management is planning. It is a blueprint for the activities that will be carried out to achieve set objectives in the future. It entails planning forward and laying out a strategy for the future.

Productivity - is the capability of one or more individuals to produce goods and services efficiently.

Productivity Management Software (PMS) - are programs designed to help individuals manage tasks and achieve productivity.



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Project - is a series of related tasks that is carefully planned by an individual or a group of people to achieve a certain objective.

Task - A task is a single work unit — one stage in a multi-phase project. A task must be completed by a specific deadline and contribute to the achievement of work-related goals.

Task Management - is a process in which a person or a group of people keeps track of a task throughout its life cycle and makes choices based on the results. Task management is accomplished by the use of software solutions that assist in the successful organization and administration of tasks through features such as task creation, planning and assignment, tracking, and reporting.

Task Management Tool - is a tool being managed by one or more individuals to put order on their tasks. Task management tools have features and accessibilities that helps users with their management.

Task Status - is the current progress of a task.

Task Views - are different ways to visualize your tasks (e.g. Kanban, Gantt Chart, Calendar)

Web Application - is a computer program that makes use of web technology, performs a specific purpose and is displayed over the Internet.



CHAPTER 2

TECHNICAL BACKGROUND

Workspaces are seen, especially in enterprises, as an area to keep boards that are related to the same topic or workflow together, or even to keep all the important things for the same team and people, regardless of the subject. Workspaces provide a useful way to see boards and collaborate with all your team members in one place. Web is the area where users are able to visit through the Internet using a browser. A web browser is frequently used to execute web-based applications, which are software that is accessible through the Web over a network connection rather than being stored in memory on a device. Web-based applications can also be client-based, in which a tiny portion of the software is downloaded to the user's desktop but processing is done on an external server through the internet. The user interface (UI) is where users naturally interact with a system. The calendar system provides enterprise workspaces with a powerful visual approach to track and manage their cards, as well as their due dates and start dates. The calendar view provides users with the perspective that users need to arrange and prioritize tasks for the coming days, weeks, and months. A board is the central hub of the workplace, and it may hold any number of lists and cards. A list is a column that includes cards. It's to the users and their project's needs how they utilize and arrange lists. Each list, for example, may represent a team member, and the board would keep track of everyone's responsibilities. Alternatively, a user may set up the list as a workflow, with each card moving from one list to the next as tasks are processed and finished. Cards are the smallest units, which are used to identify tasks that must be completed. The card not only has a name, but can also contain file attachments, images, notes, and other information once being opened. If necessary, users can also make a card template that includes standard information, such as a team checklist. Cards can be opened and edited with a single click, and dragging and dropping cards between lists are as simple as dragging and dropping, allowing new users to get up and running.



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quickly. Favorites are marked tasks in the favorites section wherein users will not have to find it along with the other tasks, making task searching faster.

FOREIGN LITERATURE

Lynn (n.d) has claimed that project or task management tools have key components that can surely make lives and works of its clients easier starting with prioritization. Organizing in accordance to prioritize your tasks such that the most critical tasks are accomplished first, telling that the users can focus on how work should be approached by prioritizing tasks rather than bouncing from one item to another without direction. Second is visualization, it helps users better understand a project as a whole and dependencies become evident and collaboration becomes natural when everything is spelled out in an easy-to-understand manner. Lastly, analysis as the project or task management software provides accomplishments. This reflects that the team or manager can analyze it and use it to have another form of management. According to a NTaskManager website's blog (2021) a project management software is a system that combines a variety of useful features and modules into a single platform to help anyone who needs to organize and plan their professional or personal tasks. Clients that use project management tools allow users to stay connected and manage roles and responsibilities at their project or tasks. On the contrary, Faust (2018) has pointed out on their blog's post that project management software is over complicated and the reasons are because of highly customizable project management software it makes the project to have a complex control leaving out the software to be harder to adopt, implemented, learn and use another one is most of the companies making these project management software makes it size one fits' all, giving every single feature that can be added to it making the project management software challenging to learn because of its broad and bloated features. Project management process includes time management, which, according to IceHrm's blog article, is defined as "time management in the manner you plan and organize your particular tasks and work." In addition, IceHrm (2021) stated that time management has the following advantages: no waste of time, less friction and problems and spend your time on other things. On the other hand, IceHrm (2021) blog's article second part says if not able to do it right then a person may suffer to its disadvantages like putting on too much weight on himself, procrastination, multitasking and being unable to prioritize.

LOCAL LITERATURE



Task management is deemed very important especially to the students because it helps them become more productive. According to Exforsys (2010), managing tasks reduces the time allotted for setting priorities and encourages the student to make use of the art of delegation. The study shows that a daily to-do list boosts individuals to be more productive around 20%. To-do lists can also refresh those who follow it away from unnecessary worries brought about by thinking of how they can finish every task on designated time. The list will serve as a guide in managing day-to-day tasks, especially in terms of academics and can also help to determine four kinds of individual tasks known as the Eisenhower Matrix, as introduced in a webpage by Eisenhower (n.d.): (1) urgent and important, (2) not urgent but important, (3) urgent but not important, and (4) not urgent and not important. O'Connell (2014) has added that having balance between sleep, exercise, and appropriate diet alongside an increase in “downtime” would lead to a decrease in anxiety and stress, therefore suggesting the link between time management and physical health.

FOREIGN STUDIES

Sundström and Thelander (2004) have discussed that many potential users that are unfamiliar with technology are to be critically expected. According to Juul & Norton (2017) in their study related to game systems and interfaces, newly introduced users or players may be able to perceive and interpret the objectives of games as simple and feasible. But, it can be disrupted and framed with inefficiency due to the interface and rules that are being set in the game to constrain players in achieving maximum control during gameplay. In other words, as added by Juul & Norton (2017) that conversely, it is natural for software systems to be difficult. Therefore, the users, whether they are still new and unfamiliar with technology or not, must find the user interface of the application that they are using to be intuitive, pleasant, and easy to understand. Ramrathan and Sibanda (2017) have supported that a comprehensible interface can greatly guide user intuition as users will be primed to analyze and adapt to the kind of system environment that they will be controlling. Otherwise, the system will be wasting its potential. Sundström and Thelander (2004) have also mentioned that focusing on the perspective of the target audience regarding the user interface of a task management tool will greatly enhance its quality and effectiveness. This also means that any visual components, even texts, that are included in a management tool should be seen and viewed by users without difficulty.

Farwell and Waters (2010) have referred in their study regarding favorites or bookmarks, which is also similar for Abrams, Baecker, & Chignell (1998), that in an educational setting,



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favorites or bookmarks, as an easily accessible collection of information that can be important or interesting to a certain student are capable of providing learning opportunities, improving learning experiences, promoting accuracy of information, and reinforcing learning objectives. However, as finalized by Bergman, Whittaker, and Schooler (2021) in their study that the bookmarks may not become capable as said, if they are not visible to the users. Grosseck (2008) has also stated that it can become an obstacle for the users, possibly causing them information overload due to having a huge amount of sources that may have been abandoned and unvisited. This can mean that students are to carefully handle their favorites section in a way that they should also recognize its use.

As for setting priorities to tasks, Bahadori, Salesi, Ravangard, Hosseini, Raadabadi, Dana, and Ameryoun (2015) have recommended that an individual should be required to have sufficient knowledge regarding his or her current situation towards his or her responsibilities in order to plan and arrange their tasks accurately and properly, starting with the activities that are most urgent and important. Due to this, the improvement of managing time and resources in a proper manner can be achieved. This can also be relevant for college students which is stated by Britton and Tesser (1991), since their methods or practices towards management may influence their academic achievements in college.

LOCAL STUDIES

The study of Heredia, Espinosa, and Caro (2014) has concluded that by utilizing triggers through the interface within the database, and using a container that will only retrieve the newly updated entries that have been updated, it can achieve effective data synchronization and the automation of the system to synchronize new updates back to all interfaces, keeping the integrity and consistency of information. Added by Barbosa and Llevado (2019), their study has also concluded that, using a database that facilitates quick registration of clients and easy monitoring can achieve offline data synchronization. The database has to be included in the synchronization since it handles and processes the data to be updated, modified, and displayed from one interface to another of all users.

FOREIGN SYSTEMS

Andriuk (n.d.) and Kashyap (2021) have included in their lists the following systems that are related to the system of Axion:



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The screenshot shows a task management interface with a sidebar for navigation. The main area is divided into 'To-Do' and 'Done' sections. Each section lists tasks with their descriptions, due dates, and progress. There are also filters and search options at the top.

Figure 1. ProofHub offers task management tools, milestones, Gantt charts, time tracking, reports, notifications, a calendar, in-app chat, and others.

ProofHub gives teams a centralized location to collaborate and complete projects. Besides online collaboration, ProofHub contains capabilities for improved communication, visibility, progress monitoring, and accountability.

The screenshot shows a project management interface with a top navigation bar for tasks, fields, search, and sorting. Below, it displays tasks grouped by status: Todo, In progress, and Done. Each group contains sub-tasks with details like subtask count, deadline, priority, and progress. A sidebar on the right indicates no items are set.

Figure 2. Fusioo manages their workflows, stores relevant data, creates custom dashboards, visualizes data, plans projects, tracks deadlines, and more.

Fusioo keeps track of a team's progress uniquely. It is favorable for small businesses to get organized because it lets them publish an online database in a short period of time and manage projects, clients, ideas, and timesheets in one certain location. Fusioo allows users to connect with both internal and external audiences within a secure system.



The screenshot shows a project management board titled "Creative Team". The board is organized into five columns: "New", "In Progress", "In Review", "Approved", and "Completed". Each column contains task cards with details such as title, assignee, due date, and description. For example, the "In Progress" column has a card for "Develop invites" due on Aug 15. The "Approved" column has a card for "Produce Rough Cut TV Ad" due on Aug 20. The "Completed" column has a card for "Print invites" due on Aug 10. The "In Review" column has a card for "Safe Rider promotional graphics" due on Aug 15. The "New" column has four cards: "Create template for customer story" (due Aug 17), "Write a TV Ad Script" (due Aug 17), "Dealer Network product catalogue" (due Aug 15), and "Community Bank video short" (due Aug 10). The interface includes a top navigation bar with links like "Inbox", "My Work", "Dashboards", "Calendars", "Reports", "Stream", and "Search". A user profile for "jessica" is visible in the top right corner.

Figure 3. Wrike has support for notifications, real-time comments, live editing, dynamic report. Wrike also makes it easy to share updates with stakeholders as needed.

Wrike has collaboration and information management capabilities. It provides end-to-end project solutions, making and managing projects in a simple manner. Its task management and customization capabilities may help a team grow progressively.



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The screenshot shows the Asana interface. On the left is a sidebar with links like Home, My Tasks, Inbox, Portfolios, Goals, Favorites, Reports, Teams, and Help & getting started. The main area has sections for 'Tasks Due Soon' (empty), 'Recent Projects' (five cards for Customer Journey and Customer Stories), and a 'New Project' button. A context menu is open over the project cards.

Figure 4. Asana allows individuals and teams to divide large tasks into manageable parts, tracks the progress users make on projects and tasks, exchange files, comments, and notes, and keep track of progress and deadlines.

Asana includes several features that can assist teams in managing tasks, information, and procedures. Asana is widely used by small firms and it effectively makes team collaboration convenient.

The screenshot shows the Basecamp 3 interface. It features a sidebar with links for Home, BasicCamp 3, File, Edit, Page, Account, and Help. The main area has sections for '37signals' (HQ announcements), 'Teams' (Administration, Customer Experience, Managers, On Call), and 'Projects' (Marketing, Cycle 5: BC4 Small, Help Doc Redesign, Ops: Deployments). A navigation bar at the top includes Home, Pings, Hey!, Activity, My Stuff, and Find. A sidebar on the right is titled 'Adminland'.



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Figure 5. Basecamp helps teams stay on the same page, despite being less on resource planning and long-term scheduling. Basecamp supports to-do-lists, calendaring, due dates and file-sharing, and provides a way for teams to keep track of priorities and actionable items.

Basecamp is a collaboration and workstream platform and it is also a project management tool. It also incorporates a message board, real-time group chat, and other collaboration capabilities.

Person	Channel	Priority	Timeline
Person 1	Facebook	4.5/5	Jun 29 - Jul 16
Person 2	Facebook	4.5/5	Jun 29 - Jul 8
Person 3	Instagram	4.5/5	Jun 29 - Jul 29

Person	Channel	Priority	Timeline
Person 4	Billboard	4.5/5	Aug 1 - 8
Person 5	Print	4.5/5	Aug 2 - 14

Figure 6. Monday.com allows for ease of use and flexibility to onboard any team and manage multiple projects across the entire team. Monday.com supports time-tracking, an integrated Kanban board, automated notifications, workflow automation, dependencies, multiple views and calendar integration.

Monday has many options regarding task management views, including a Kanban board, a list, a map, and a spreadsheet. Another appreciated feature is their reporting tool, which will make it easier for a team of users to keep track of their project's progress.



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The screenshot shows a Kanban board view of a project. The columns are:

- BACKLOG (29 of 52)**: Contains tasks like "Content modification" and "Measure impact".
- TO DO (10)**: Contains tasks like "Final list of changes" and "Client approval".
- IN PROGRESS (0)**: Contains tasks like "Initial presentation" and "Project architecture".
- COMPLETE (10 of 15)**: Contains tasks like "Buy batteries for TV remote" and "Client meeting".

Each task card includes details such as assignee (e.g., Digital Consulting, PROPOSAL), category (e.g., IMPLEMENTATION & RESULTS, EXECUTION, RESEARCH & PLANNING, Preparation), and due date.

Figure 7. Paymo is suitable for small and medium client-based businesses. Paymo supports remote work and offers project planning, resource scheduling, team collaboration, file proofing, time tracking, and project accounting within a single suite.

Paymo assists users with resource scheduling, time tracking, project planning, accounting, file proofreading, and team collaboration. Users may create projects, check their progress using the time tracking tool, and manage their workflow using various task views such as Gantt charts, lists, tables, and Kanban boards.

The screenshot shows the 'My Projects' section of the Teamwork for Marketing software. The sidebar on the left provides navigation links for various features. The main content area lists 17 projects, each with a thumbnail, title, and a 'View details' button. The projects include:

- Teamwork Training Project - (Copied: 2020/01/23) (Teamwork.com)
- Teamwork Template: PMI Structured Project - (Copied: 2020/01/23) (Teamwork.com)
- Teamwork Onboarding Workflow (Project Templates)
- Sprint Planning (Teamwork Projects for Marketing Teams)
- Product Launch (Teamwork Projects for Marketing Teams)
- PMP Project Template (Project Templates)
- Marketing Strategy (Teamwork Projects for Marketing Teams)
- Event Planning Template (Project Templates)
- Event planning (Teamwork Projects for Marketing Teams)
- Event Planning (Product Marketing Demo)
- Design Requests Template (Project Templates)
- Design Requests (Teamwork Projects for Marketing Teams)
- Content Marketing Template (Project Templates)



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Figure 8. Teamwork provides businesses functionalities to manage different operations of a project. Features include task lists, time tracking, file uploads and messages. Teamwork helps teams manage group objectives, communicate and establish business processes.

Teamwork can be a good option to manage tasks, but it can also become sophisticated to users. Workload and portfolio management, time tracking, reporting dashboards, board view, and Gantt charts are what Teamwork can provide. It will allow users to manage many complex projects at the same time.

The screenshot displays the ClickUp application interface. On the left is a sidebar with the ClickUp logo, navigation links (Home, Notifications, Goals), and sections for Spaces (Everything, Development, Marketing, Product), Dashboards, and Docs. The main area has two tabs: 'LineUp' and 'Trending'. Under 'LineUp', there are buttons for 'Plan for next year' (orange), 'How to manage...' (red), 'Refresh company...' (blue), and 'Planning' (grey). Below these are sections for 'My Work' (To do, Comments, Done, Delegated) and 'Calendar' (Today, Hide Calendar). The 'To do' section lists tasks: 'Update contractor agreement' (orange), 'How to manage event planning' (red), 'Plan for next year' (purple), and 'Finalize project scope' (orange). The 'Calendar' shows a timeline from 12pm to 5pm with a red 'Resource allocation' event from 1pm to 3pm. The 'Overdue' section lists 'Update key objectives' (orange) and 'Refresh company website' (red). A message bubble in the top right corner indicates '3 mentions'.

Figure 9. Clickup includes the features of Kanban board, schedule tasks, subtasks, and even chat with their team members to enhance collaboration.

ClickUp lets users plan, schedule, and manage their projects through Kanban boards. It will allow them to access a broader range of tools, such as Gantt charts and timeframes. To improve teamwork, users may plan tasks, subtasks, and even talk with their collaboration.



The screenshot shows the Quickbase interface for a 'Project Tracker' application. On the left, there's a sidebar with field type buttons: NUMBER (# Numeric, \$ Numeric Currency, % Numeric Percent, ☆ Numeric Rating), DATE (Date, Date Time, Time of Day), and LINKS (URL). The main area displays a 'Projects' table with columns for FIELD LABEL and TYPE. Fields include 'Date Made' (Date), 'Cost' (\$ Numeric Currency), 'Date Sold' (Date), 'Open' (Date Time), 'Closed' (Date Time), and 'Add a Name' (Text). To the right of the table are three linked tables: 'Tasks' (23 Fields), 'Customers' (10 Fields), and 'Resources' (8 Fields). A 'Properties' panel on the far right allows users to set the app's name, description, and icon/color.

Figure 10. Quickbase tables can organize data like spreadsheets, but are much more powerful. It collaborates through teams and sees information through real-time..

QuickBase enables users to build more efficient methods of working. It facilitates communication by providing a platform for hundreds of team members, colleagues, and clients to interact and achieve productivity. Because QuickBase is a collection of programs, it is considerably adaptable and can be utilized through different means.

SYNTHESIS



Exforsys (2010), have stated that managing tasks can invest more time and resources for other things that can be unimportant and/or not urgent, such as hobbies. By doing so, functionalities of a task management tool will be significant to help users not only achieve their desired goals by managing their resources, but also to invest more of them in the future. According to Faust (2018), task management tools with high functionalities and features tend to be more complex due to having a wider area for the users to control, which would likely make the users feel confused and overwhelmed. The users may find it more difficult to adapt to the whole system, possibly affecting their productivity in a negative way, and lessening the capabilities to plan, learn, and use. Therefore, having a brief map of the system may reduce the time being spent by users on learning it, but it shouldn't affect the specific objective of the system. In another statement by Lynn (n.d) that having effective resources can make the users work rationally and gain more success. It would be significant for a task management tool to indicate its specifications that strive to achieve a unique objective, so that users can know what it will be for and how it should be used. A specification included, like what Heredia, Espinosa, and Caro (2014) and Barbosa and Llevado (2019) have stated and concluded in their studies, is the system being automated to synchronize newly updated data to other screens of users through the database, which is what Axion is involving. This can be done through the collaboration of students when working on group activities, whether one or more members are offline, as long as data is updated, it will sync to other screens.

ProofHub, Fusioo, Wrike, Asana, Basecamp, Monday, Paymo, Teamwork, ClickUp, and Quickbase are the following management tool systems that are considerably related to Axion. The said related systems share the similar user interface, system structure, and objective. As concurred by Esmeria & Seva (2017), Juul & Norton (2017), the user interface is considerably one of the most crucial components for any application, since it heavily displays how effective systems are. It will also be defining how easy or difficult the whole system is to grasp, as Ramrathan and Sibanda (2017) have seconded. The contemporary, minimalist system design is used by the related systems, since it indicates consistency and modernness. As for Axion, the researchers intend to make the user interface of Axion more perceptive by exhibiting more color and fun-looking fonts. Sundström and Thelander (2004) considers that there would be potential users that are still familiarizing themselves with technology as an academic tool. Axion aims to be capable of welcoming them through its system design. This feature is what makes Axion mainly unique than the said related systems, which appears to impress higher occupations. Additionally, the researchers aim to provide a semi-casual voice and tone to static texts not only to match the user interface, but also to let the college students keep the formalities during their usage.



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Another specific feature of Axion is the management system that is developed for users to find it comprehensible, intuitive, and quick to grasp. This is considerably included, for college students may find it complicated to control an entire system of the management tool. Being followed by Coursaris & Kim (2011), it might create a gap between the complexity of the system and the interaction of users to it. Axion has features similarly to other related systems, but it specifically aims to focus on what students can work on within its system.

Favorites, which can also be referred to as bookmarks, are implemented in the system to offer students the ability to have faster access to tasks that they have marked, reducing their effort to look for them. Farwell and Waters (2010), Abrams, Baecker, & Chignell (1998) have supported the purpose of favorites or bookmarks and how it is still supported in any forms of application, despite Bergman, Whittaker, and Schooler (2021) and Grosseck (2008) telling the delimitations regarding bookmarks about how it should be visible to be useful and to be manageable to avoid information overload. Although some of the related systems of Axion have already featured a favorites or bookmark feature, the researchers consider to be more specific with it by covering elements from both individual and group workspaces, whether it can be a board, task, or a subtask. but

Priorities are also included in most of the related systems, yet only a few emphasize the tasks with the highest priority. Lynn (n.d), Bahadori et al. (2015), and Britton and Tesser (1991) concurred on how prioritization should be considered to even make management more effective. In Axion, a Kanban system will be mainly used by students and to highlight the tasks that need the most attention, Axion automatically sorts any tasks on a desired board from top to bottom, starting with the highest priorities at the top and the lowest priorities at the bottom. Supposing that the users' reading order is from top to bottom, they'll be able to see the tasks with the highest priority first. This is also to assert recognizability, stimulating the idea of proper prioritization to students.

TABLE OF COMPARISON

System features	Priority	Functionalities	Work	Assignment	Backup	Management	Payment	Teamwork	ClickUp	QuickBass
System features	Priority	Functionalities	Work	Assignment	Backup	Management	Payment	Teamwork	ClickUp	QuickBass



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User-friendly, visually unique GUI	No	No	No	Yes	No	Yes	No	No	Yes	No
Easy-to-learn management system	No	Yes	Yes	No	Yes	No	Yes	No	No	No
Favorites	Yes	No	Yes	Yes	No	Yes	No	No	No	No
Sorting and emphasizing high-priority tasks	No	No	Yes	Yes	No	Yes	No	No	No	Yes

APPENDICES

LOW FIDELITY PROTOTYPE



AXION

[Home](#) [About](#) [Contact](#)



[Sign Up](#)

Already have an account? Click [Login](#).

AXION

Workspace 1

Status	Count
To do	4
In Progress	2
Done	3

Task	Date
Task 1	Nov. 14, 2021
Task 2	Nov. 16, 2021
Task 3	Nov. 30, 2021
Task 4	Nov. 30, 2021
Task 5	Nov. 14, 2021
Task 6	Nov. 21, 2021
Task 7	Nov. 13, 2021
Task 8	Nov. 21, 2021
Task 9	Nov. 30, 2021

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The landing page of Axion is what a first-time visitor will see. Landing page highlights the Sign Up button with warm yellow-orange color for easy to catch the eye of the visitor attempting to try and sign up in the Axion else if the visitor already has an account he/she can log in already by clicking the Login keyword below the Sign Up button. Additionally, has a carousel on the right side for the overview of what could be the Axion inside of the web-application. With three (3) navigation menus “Home”, “About” and “Contact” are pages for each small website or introductory about Axion and its developers which mainly can be contacted via the information provided in the Contacts page.



AXION

[Home](#) [About](#) [Contact](#)

SIGN UP

Full Name	<input type="text"/>	Track/Course	<input type="text"/>
Birthday	<input type="text"/> DD <input type="text"/> MM <input type="text"/> YY	Email or Contact No.	<input type="text"/>
Gender	<input type="text"/>	Username	<input type="text"/>
School/University	<input type="text"/>	Password	<input type="text"/>
Grade/Year/Section	<input type="text"/>	Confirm Password	<input type="text"/>

Sign Up

© Axion 2021

For the first time to use or new users who will sign up to use the Axion this page gets information from the soon to be user of Axion or the visitor. This information will be then encrypted, especially the credentials to be used to login to avoid any data leak and personal identity thief cases, this will be then uploaded and recorded in Axion's online database where all the information.

AXION

[Home](#) [About](#) [Contact](#)

LOGIN

Username	<input type="text"/>
Password	<input type="text"/>

Login

Doesn't have an account? Click [Sign Up](#).

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If the user has already an account the website will automatically go to the login page for the ease of the user to login on the Axion. This page requires the credentials to login in which the password will be seen as an asterisk or “password-text” style to avoid others to see the actual password. If the one who is using the device to access the Axion, Login page has the Sign up link below the Login button for them to directly go to the page of the Sign up.

AXION

[Home](#) [About](#) [Contact](#)



Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Nisl suscipit adipiscing bibendum est ultricies quis auctor. Justo laoreet sit amet cursus sit amet dictum sit. Arcu vitae elementum curabitur vitae nunc. Sit amet nsum faucibus vitae aliquet. Elementum eu facilisis sed odio morbi quis commodo odio. Nisl nunc mi ipsum faucibus vitae aliquet nec ullamcorper sit. Vulputate mi sit amet mauris commodo quis imperdiet.

Ipsum consequat nisl vel pretium lectus quam id leo. Ultricies mi eget mauris pharetra. Ornare massa eget egestas purus viverra accumsan in nisl. Sed turpis tinciduntrisque. Orci nulla pellentesque dignissim enim sit amet venenatis. Faucibus vitae aliquet nec ullamcorper sit amet risus nullam. Ultrices vitae auctor eu augue ut lectus. Fermentum iaculis eu non diam. Et tortor at risus viverra adipiscing at in tellus. Consequat nisl vel pretium lectus quam id leo.

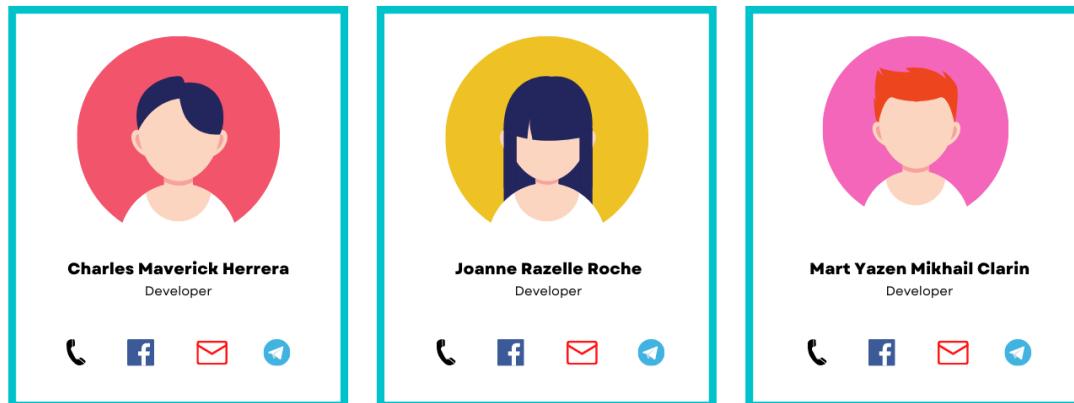
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Axion website’s About page is all about telling what is Axion and what are its features and the reason why there is such a system like this. More of this will be tackled and discussed by the developers.



AXION

Home About Contact



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Axion website's Contact page, contains the contact information of the developers.

The image shows the Axion application interface. On the left is a vertical orange sidebar with icons for Profile (user icon), Logout (arrow icon), Assigned to me (person with checkmark), Favorites (star), and Calendar (calendar). The main area has a white background with a central orange 'Create' button and the text 'No Subjects yet!'. On the right is another vertical orange sidebar with icons for Profile (user icon) and Logout (arrow icon).

Given that the new user and refreshing old users who deleted all subjects, this is the screen or page that they will see. There will be a 'Create' button that attempts the user to create a new subject that they will work on with their members added.



The screenshot shows the AXION application interface. On the left, there is a vertical orange sidebar with icons for 'Assigned to me', 'Favorites', and 'Calendar'. The main area has a pink header bar with the word 'AXION' and a profile icon. Below the header is a pink rectangular dialog box containing a white input field labeled 'Subject name' and a yellow 'Create' button.

Profile

Logout

Subject name

Create

When attempting to create a subject, a small, pink box will appear that will require the user to fill up the subject name on the white blank. Pressing the ‘Create’ button will instruct the application to create the subject along with its subject name.

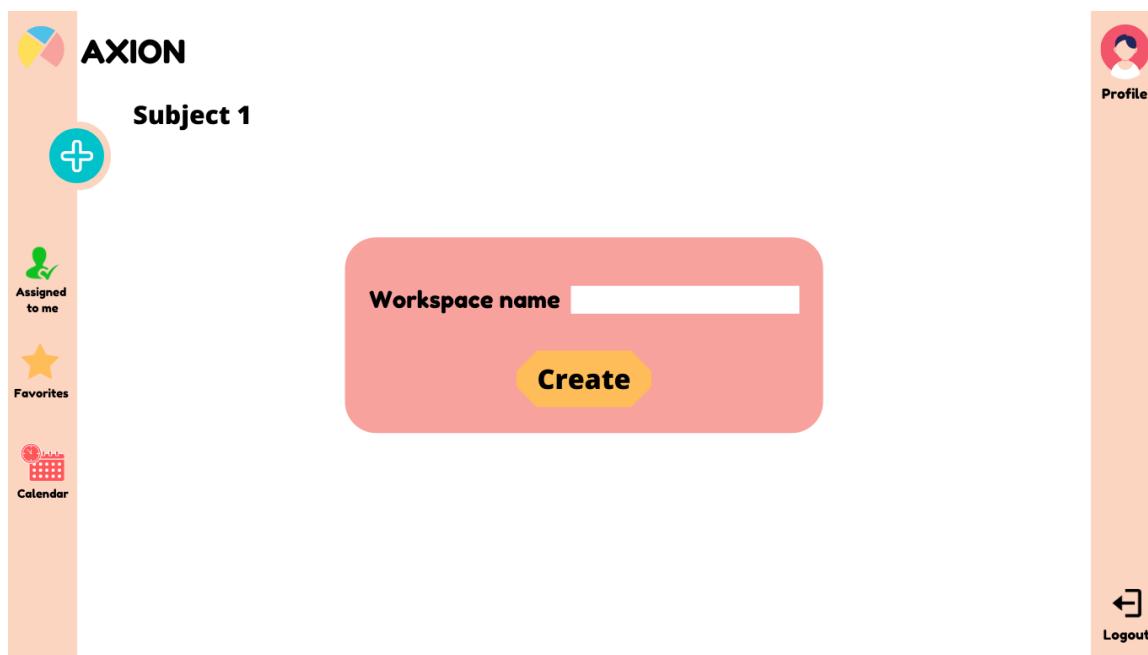


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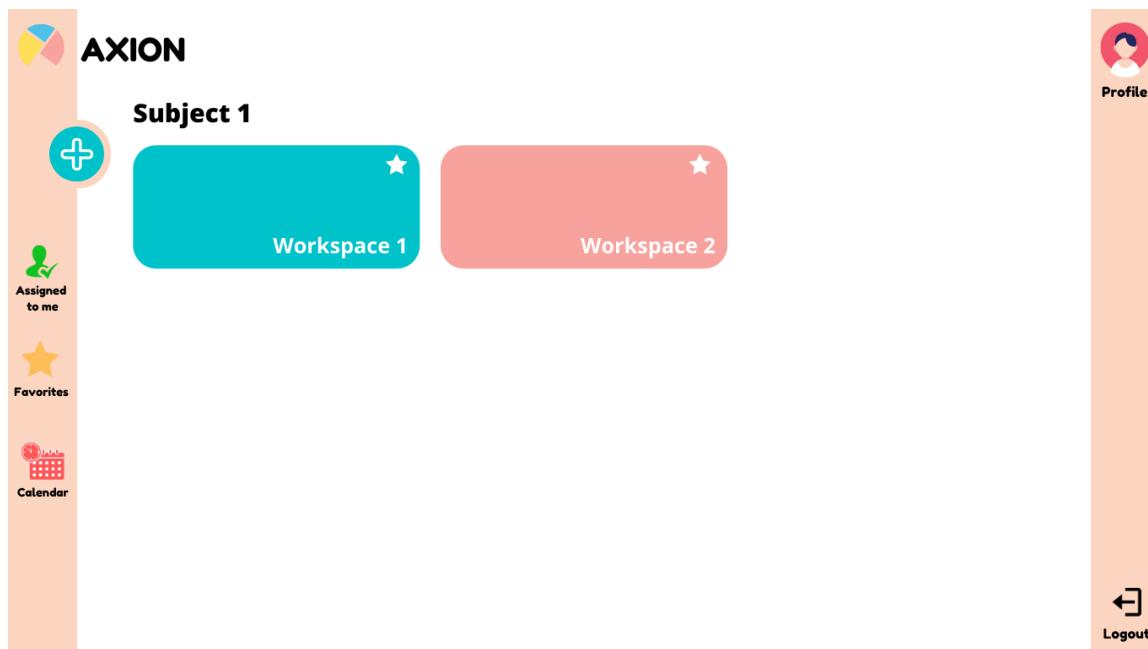
The screenshot shows the AXION application interface. On the left, there is a vertical sidebar with icons for 'Assigned to me' (person with checkmark), 'Favorites' (star), and 'Calendar'. The main area is titled 'AXION' and 'Subjects'. A red button labeled 'Subject 1' with a star icon is displayed. On the right, there is a vertical bar with icons for 'Profile' (user icon) and 'Logout' (logout icon).

The screenshot shows the AXION application interface for 'Subject 1'. The sidebar and main title are identical to the previous screenshot. The main area displays the message 'No Workspace or Projects yet!' and features a large orange 'Create' button. On the right, there is a vertical bar with icons for 'Profile' and 'Logout'.

This screen or page will appear after pressing a certain subject. It will be a default for a new subject to have no workspaces or projects. There will be a 'Create' button that attempts the user to create a new workspace.



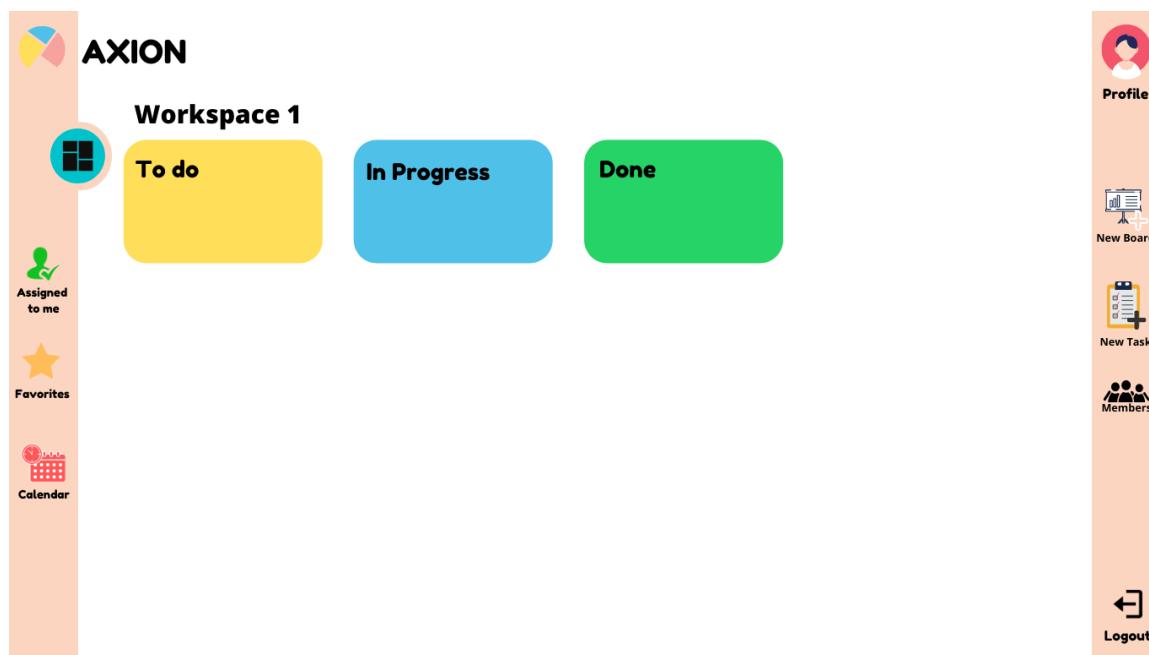
Attempting to create a workspace, a small, pink box will appear that will require the users to fill up the workspace name on the white blank. Pressing the ‘Create’ button will command the application to create the workspace along with its name.





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After pressing the ‘Create’ button during the process of creating a workspace, this screen can appear. As shown, there are two examples of workspaces that are created: ‘Workspace 1’ with a blue color, and ‘Workspace 2’ with a pink color.



Clicking on ‘Workspace 1’ will move the user to this screen, wherein it is being structured as a Kanban board or system. The workspace will have 3 areas: the yellow ‘To Do’ section, which will list tasks that have no progress and are about to be worked on by the user. Then, the blue ‘In Progress’ section refers to the tasks that has progress and are being worked on by the user. Lastly, the green ‘Done’ section, which shows the tasks that are finished or done.



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The screenshot shows the 'Members' section of a workspace titled 'Workspace 1'. A large yellow rounded rectangle contains the text 'No members yet.' and a blue '+ Add' button in the top right corner. To the left of this main area is a vertical sidebar with several icons: a person icon (highlighted in blue), a document icon, a star icon, and a calendar icon. To the right is another vertical sidebar with icons for a person, a document, a star, and a group of people, along with a back arrow icon.

12a

This screenshot shows the same workspace interface as above, but with a pink rectangular overlay in the center containing a white input field labeled 'Name or email' and a blue 'Add' button below it. The rest of the interface, including the sidebar icons and the '+ Add' button, remains the same as in the previous screenshot.

After pressing the blue '+Add' button at the top right part, a small, pink box will appear which tells the user to put the name or the email address of the member that the user wants to add or invite to the workspace.



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AXION

Workspace 1

To do In Progress Done

Board name X

Create

Assigned to me Favorites Calendar

Profile New Task Members Logout

AXION

Workspace 1

To do

Task name

Due Date

Level

Members

Create

Assigned to me Favorites Calendar

Profile New Board Members Logout



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AXION

Work

To do

Delete

Task 1

Due Date Nov. 14, 2021, 11:59 PM

Members **Level** High

Sub-tasks **Description**

<input type="radio"/> Introduction	
<input type="radio"/> RRL	
<input type="radio"/> Problems	

Task 1 8 H

Task 2 2 L

Task 3 5 L

Task 4 1 M

Assigned to me

Favorites

Calendar

Profile

New Board

New Task

Members

Logout

15

AXION

Workspace 1

To do 4 **In Progress** 0 **Done** 3

Task 1

Due Date Nov. 14, 2021 **Level** High

Task

Introduction

RRL

Problems

Members

Task 1 8 H

Task 2 2 L

Task 3 5 L

Task 4 1 M

Profile

New Board

New Task

Members

Logout

15a



The screenshot shows a task board titled "Task 1". The board has a yellow header with the title "Task 1", a due date of "Nov. 14, 2021, 11:59 PM", and a level of "High". It includes sections for "Members" (with three user icons) and "Sub-tasks". A large orange area for "Description" contains the placeholder text "Add your description of the Task here." On the left sidebar, under the "Work" section, there is a "To do" list with four items: Task 1 (8 H), Task 2 (2 L), Task 3 (5 L), and Task 4 (1 M). The sidebar also features icons for "Assigned to me", "Favorites", and "Calendar". On the right side, there is a vertical sidebar with icons for "Profile", "New Board", "New Task", "Members", and "Logout".

As for this screen, the description area can be used to note specific details about a certain task or subtask. So that is when users want to know something about a task, they will be able to relearn the task.

The screenshot shows a task board titled "Introduction". The board has a yellow header with a due date of "Nov. 14, 2021, 11:59 PM" and a level of "High". It includes sections for "Members" (with two user icons) and "Sub-tasks". The "Sub-tasks" section lists two items: "Paragraph 1" and "Supporting Details", each associated with a user icon. On the left sidebar, under the "Work" section, there is a "To do" list with four items: Task 1 (8 H), Task 2 (2 L), Task 3 (5 L), and Task 4 (1 M). The sidebar also features icons for "Assigned to me", "Favorites", and "Calendar". On the right side, there is a vertical sidebar with icons for "Profile", "New Board", "New Task", "Members", and "Logout".



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AXION

The screenshot shows a task board titled "Task 1". The board has three columns: "To do" (2 items), "In Progress" (1 item), and "Done" (1 item). The "To do" column contains "Task 1" (8 H) and "Task 4" (1 M). The "In Progress" column contains one item. The "Done" column contains one item. Below the board, there are sections for "Due Date" (Nov. 14, 2021), "Level" (High), "Sub-Task" (Introduction), and "Members" (one member listed). A sidebar on the left includes icons for Assigned to me, Favorites, and Calendar. A sidebar on the right includes icons for Profile, New Board, New Task, and Logout.

To do 2 In Progress 1 Done 1

Task 1

Due Date Nov. 14, 2021 Level High

Sub-Task Members

Introduction

Assigned to me

Favorites

Calendar

Profile

New Board

New Task

Logout

17a

AXION

Workspace 1

The screenshot shows a workspace named "Workspace 1". Under the "Members" section, it says "No members yet." There is a "+ Add" button. A sidebar on the left includes icons for Assigned to me, Favorites, and Calendar. A sidebar on the right includes icons for Profile, New Board, New Task, and Logout.

Members + Add

No members yet.

Assigned to me

Favorites

Calendar

Profile

New Board

New Task

Logout

18



The screenshot shows the AXION workspace interface. On the left, there is a vertical sidebar with icons for 'Assigned to me', 'Favorites', and 'Calendar'. The main area is titled 'Workspace 1' and contains a 'Members' section. A pink input field with a white border and rounded corners has 'Name or email' placeholder text and a small 'X' icon in the top right corner. Below it is a yellow button with the word 'Add' in black. In the top right corner of the main area is a blue button with '+ Add'. On the far right, there is a vertical sidebar with icons for 'Profile', 'New Board', 'New Task', and 'Logout'.

19

The screenshot shows the AXION workspace interface. The sidebar on the left includes 'Assigned to me', 'Favorites', and 'Calendar'. The main area is titled 'Workspace 1' and displays a 'Members' section. Four user profiles are listed: Juanito Dela Cruz (black male icon), Sharmaine Uy (purple female icon), Harry Johnson (pink male icon), and Reese Ann Dizon (yellow female icon). To the right of each profile is their name and email address: juanitodelacruz@gmail.com, sharmaineuy10@gmail.com, johnsonharry@gmail.com, and reesedizon_30@gmail.com respectively. Above the list is a blue '+ Add' button. The right sidebar features icons for 'Profile', 'New Board', 'New Task', and 'Logout'.

Four members are seen to be invited and added to the workspace.



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AXION

Workspace 1

To do 4

Task 1	Nov. 14, 2021
8 H	A J

Task 2	Nov. 16, 2021
2 L	A J

Task 3	Nov. 30, 2021
5 L	A J

Task 4	Nov. 30, 2021
1 M	A J

In Progress 2

Task 5	Nov. 14, 2021
3 H	A J

Task 6	Nov. 21, 2021
10 M	A J

Done 3

Task 7	Nov. 13, 2021
1 L	R

Task 8	Nov. 21, 2021
10 M	A J

Task 9	Nov. 30, 2021
5 L	A J

Assigned to me

Favorites

Calendar

Profile

New Board

New Task

Members

Logout

21

AXION

Dashboard

Favorites

Calendar

To do

In Progress

Done

No tasks are given to you.

Profile

New Board

New Task

Members

Logout

22



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AXION

Dashboard

Favorites

Calendar

To do 2

In Progress 1

Done 1

Logout

23

AXION

Dashboard

Favorites

Calendar

To do

Delete

Introduction

Due Date Nov. 14, 2021, 11:59 PM

Members **Level** High

Sub-tasks

Paragraph 1

Supporting Details

Logout

24



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The screenshot shows the AXION application interface. On the left is a vertical sidebar with icons for Dashboard, Assigned to me, and Calendar. The main area displays a message: "No favorite." On the right side, there are profile and logout buttons.

AXION

Dashboard

Assigned to me

Calendar

No favorite.

Profile

Logout

25

The screenshot shows the AXION application interface. On the left is a vertical sidebar with icons for Dashboard, Assigned to me, and Calendar. The main area is divided into three sections: Subject (with a red box labeled "Subject 1"), Workspace (with two boxes labeled "Workspace 1" and "Workspace 2"), and Task (listing three tasks: Task 1, Task 3, and Task 9). On the right side, there are profile and logout buttons.

AXION

Subject

Subject 1

Workspace

Workspace 1 Workspace 2

Task

Task 1	Nov. 14, 2021	Task 3	Nov. 30, 2021	Task 9	Nov. 30, 2021
8 H	(A J)	5 L	(A J)	5 L	(A J)

Profile

Logout

26



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AXION

November 2021

Sun	Mon	Tue	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
20	21	22	23	24	25	26
27	28	29	30			

Prev **Next**

Logout

Profile

27

AXION

November 2021

Task/s

Enjoy your day!

Create

Prev **Next**

Logout

Profile

After clicking a certain day, a yellow box will appear, showing any tasks that are being set on that day. As seen on this design, it shows a message 'Enjoy your day!' which pertains that as of that day, there are no tasks being set. Therefore, Axion intends to greet the user, pointing out that the day could be a chance for users to take a break or do other things besides non-academic related tasks.



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The screenshot shows a task creation form for November 2021. The form fields include:

- Task name:** [Input field]
- Due Date:** DD MM YY
- Level:** High
- Members:** [Input field] A A A

Below the form are "Prev" and "Next" buttons, and a central "Create" button.

On the left sidebar, there are links: Dashboard, Assigned to me, Favorites, and a highlighted Calendar icon. On the right sidebar, there are Profile, Logout, and a back arrow icon.

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AXION

The screenshot shows a list of tasks for November 2021:

Task	Workspace	Date
Task 5	Workspace1	Nov. 14, 2021
3 H		A A J
Task 6	Workspace2	Nov. 14, 2021
10 M		A A J

Below the list is a "Create" button.

On the left sidebar, there are links: Dashboard, Assigned to me, Favorites, and a highlighted Calendar icon. On the right sidebar, there are Profile, Logout, and a back arrow icon.

30



The screenshot shows a task management interface. On the left is a vertical sidebar with icons for Dashboard, Assigned to me, Favorites, and Calendar. The main area has a yellow header with 'Task 5' and a due date of 'Nov. 14, 2021, 11:59 PM'. It includes sections for Members (with three user icons) and Level (High). Below this is a table for Sub-tasks:

Sub-tasks	Description
<input type="radio"/> System Des.	
<input type="radio"/> IPO	
<input type="radio"/> Features 1	

On the right side of the interface are profile and logout buttons.

31

The screenshot shows the profile screen. The sidebar on the left includes an 'Edit Profile' button. The main area features a large circular profile picture of a person with dark hair, with a pencil icon at the bottom right of the circle. To the right of the profile picture are the user's details:

Full Name
Mariano, Kenneth D.
Email
kennethmariano@gmail.com

On the right side of the interface are profile and logout buttons.

This shows the profile interface which can be clicked on the top right picture along with the word, 'Profile'. Certain details such as the full name and the email can be seen besides the picture of the user. There is also a yellow button that says, 'Edit Profile', which enables users to modify certain credentials of their account.



The screenshot shows a software interface titled "Profile". On the left is a vertical sidebar with icons for Dashboard, Assigned to me, Favorites, and Calendar. In the center is a placeholder for a user profile picture with a pencil icon to edit it. To the right are fields for "Full Name" (Mariano, Kenneth D.), "Username" (kennethm13), "Password" (*****), and "Email" (kennethmariano@gmail.com). A yellow "Save" button is at the top right, and a "Logout" button with a left arrow is at the bottom right.

By clicking the 'Edit Profile', users can be able to modify some account details by clicking on the small pencil icon right after every detail. Once the user is done editing, they can save the new details, which will update their data within the database.

FORM 3



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College of Engineering and Information Technology
CEIT Building, Pamantasan ng Lungsod ng Valenzuela, Tongco St., Maysan, Valenzuela

Form 3: RESEARCH/CAPSTONE CONSULTATION RECORD

Please write legibly and in BLOCK LETTERS.

No. V8-3



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Undergraduate Research Title:			Research Members:	
Date of Consultation	Deliverables from Previous Consultation	Actual Accomplishments	Proposed Next Steps	Deliverables and Schedules for Next Consultation
11/09/21	N/A	TITLE	Finish the chapter	Chapter 1 & 2
11/25/21	Chapter 1 & 2	N/A	Finalize title, chapter	Title, Chapter 1, and Chapter 2


PATRICK LUIS FRANCISCO
Faculty Technical Adviser
(Signature over printed name/Date)

To the students: Always bring previous Consultation Record during your consultation hours with the technical adviser. Students should accomplish this form.

To the technical adviser: Kindly implement a "No previous Consultation Record, no Consultation policy".

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