

SAPM MIS 6308.004

UTD Calendar



Group-8

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PROBLEM STATEMENT:

The University of Texas at Dallas (UTD) currently lacks a centralized calendar system for students, which results in fragmented access to vital information regarding registered classes and campus events. Existing tools, such as the eLearning calendar, Comet calendar, and Teams calendar, do not integrate class schedules and event registrations effectively, leading to confusion and missed opportunities. As a result, a lot of students remain unaware of important happenings due to inadequate notifications and the inability to view their complete schedules in one location. This absence of a unified calendar significantly hampers students' capacity to plan their time effectively, affecting their overall engagement and success at the university.

PROJECT IDEA:

At the University of Texas at Dallas (UTD), students face challenges with managing multiple calendars that do not provide a comprehensive overview of their classes and campus events. Current tools such as the eLearning calendar, Comet calendar, and Teams calendar fail to effectively display registered events or class schedules, resulting in missed opportunities and inefficient planning.

We propose to develop a unified calendar platform that consolidates all registered classes and campus activities into a single, accessible dashboard. This solution would streamline event management and enable students to customize their calendars by highlighting specific events and selecting color-coded categories. This initiative aims to enhance the planning experience for UTD students and help them maintain better organization.

PROPOSED SOLUTION:

We confidently propose the creation of a unified calendar application that will be seamlessly integrated into the UTD website and mobile app. This calendar will empower students with a comprehensive view of their class schedules and registered events, enabling them to effectively plan their weeks and months. The key features of this robust calendar include:

- 1. Integration of Class and Event Schedules:** Automatically merge students' class schedules and campus events into a single, cohesive interface.
- 2. User-Friendly Interface:** A streamlined and intuitive design that allows students to effortlessly view their daily, weekly, or monthly schedules briefly. With the ability to color-code events by category—such as classes, events, and meetings—students will easily distinguish between various commitments.
- 3. Notification Reminders:** The UTD app will send timely notifications directly to students' phones, ensuring they remain informed about upcoming events and class times.
- 4. Conflict Detection:** The system will effectively highlight potential overlaps between scheduled events, providing students with the tools they need to masterfully manage their time.

OBJECTIVES:

- Integrate students' class schedules and campus events into a single, unified calendar accessible through the UTD mobile app.
- Provide a user-friendly, intuitive interface optimized for mobile devices to view daily, weekly, or monthly schedules.
- Allow students to color-coded and categorize events (e.g., classes, meetings, social events) for easy differentiation.
- Send customizable push notifications and reminders for upcoming events, classes, and deadlines directly to students' mobile devices.
- Implement conflict detection that highlights scheduling overlaps, helping students manage their time effectively on their mobile devices.
- Ensure the calendar syncs in real-time with students' registered courses and campus events, providing accurate and up-to-date information.
- Support student engagement and success by helping them organize and plan their schedules more efficiently through their mobile device.

SUPPORT & RESEARCH:

Current options available to students at UTD include the eLearning calendar, which displays course schedules and academic deadlines; the Comet calendar, which highlights university events; the Teams calendar, primarily used for collaboration and meetings; and the UTD app, which provides details about classes but lacks a calendar view. Unfortunately, these tools function in isolation and do not provide a unified perspective of registered classes and campus events.

eLearning Calendar: Does not effectively update class schedules.

As depicted in Image 1 below, registered classes are represented in the calendar.

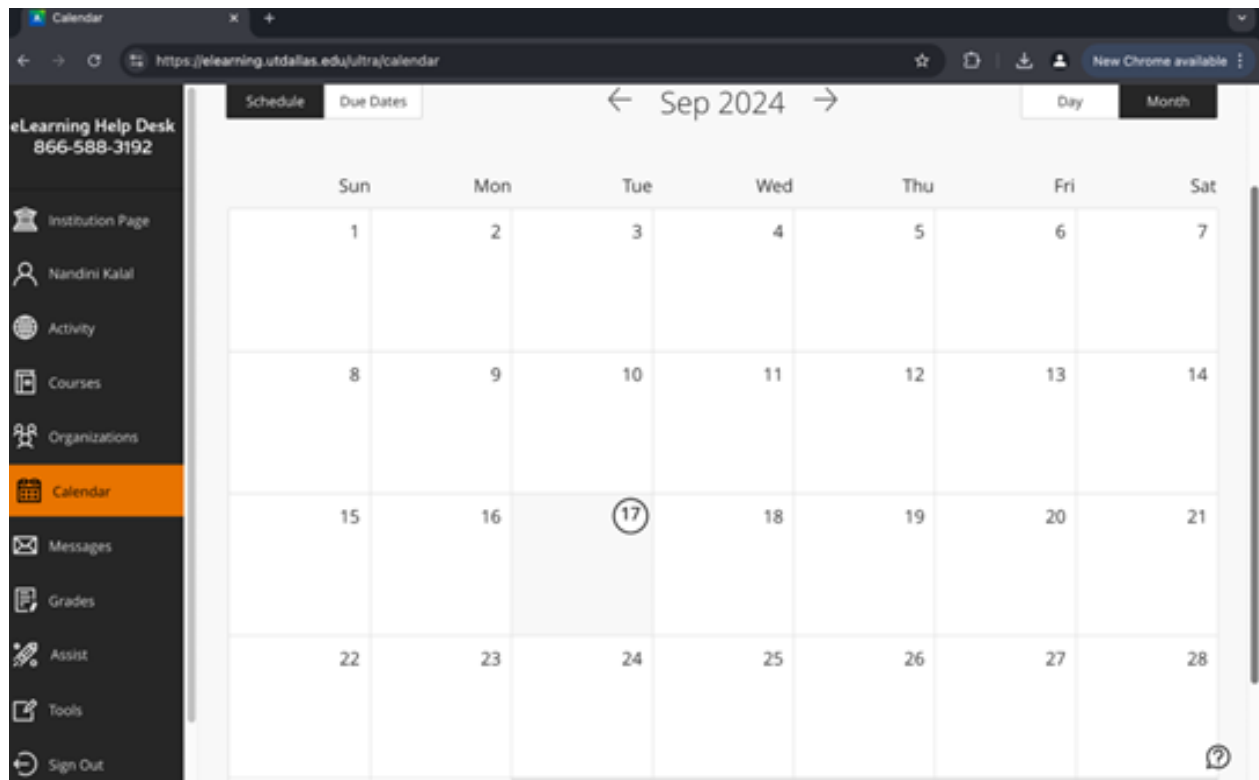


Image 1

Microsoft Teams Calendar: The Microsoft Teams Calendar functions by presenting classes exclusively when they have been manually inputted into the Teams platform. Additionally, it accommodates personal meetings; however, it demonstrates a notable deficiency in its integration with campus events. (Image 2)

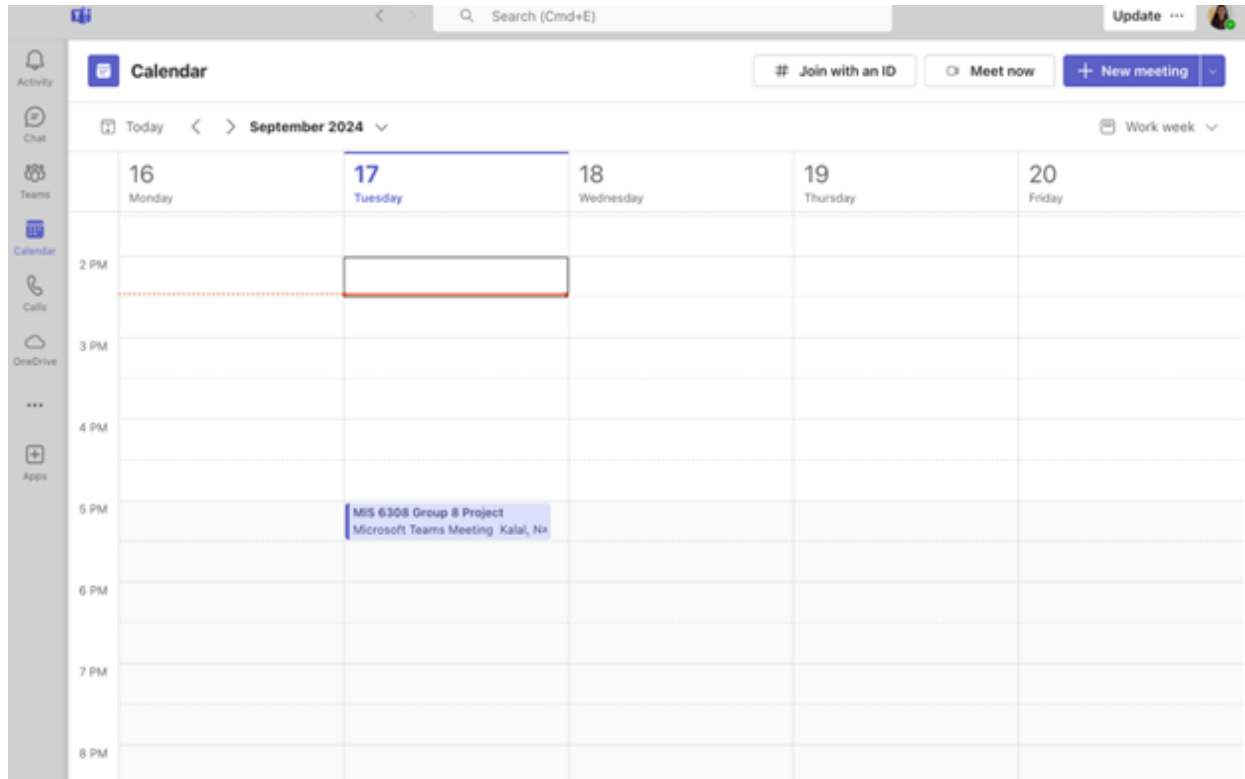


Image 2

Comet Calendar: Comet Calendar provides a list of UTD events; however, it necessitates manual entry into a personal Google Calendar or access to a PDF schedule. Additionally, it only sends reminder emails the day before an event. The image below illustrates the email notification that is sent just one day before the scheduled event, which is not particularly helpful for students looking to plan. c

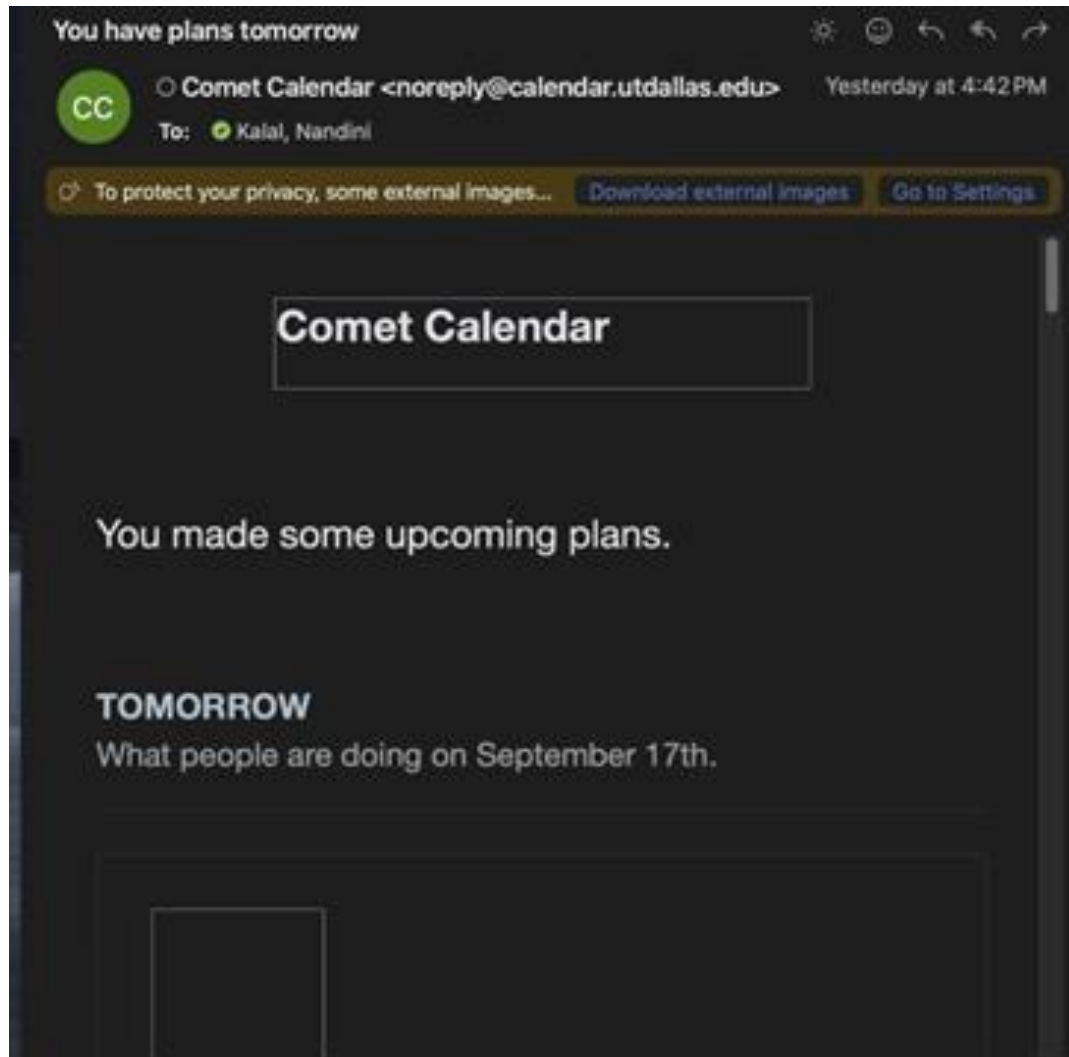


Image 3

The images attached below show that add-to-calendar options take directly to personal email addresses. This is not desirable, as it becomes more complex and multiple platforms, and it would be good if it is associated with a professional student calendar instead of a personal



Image 4

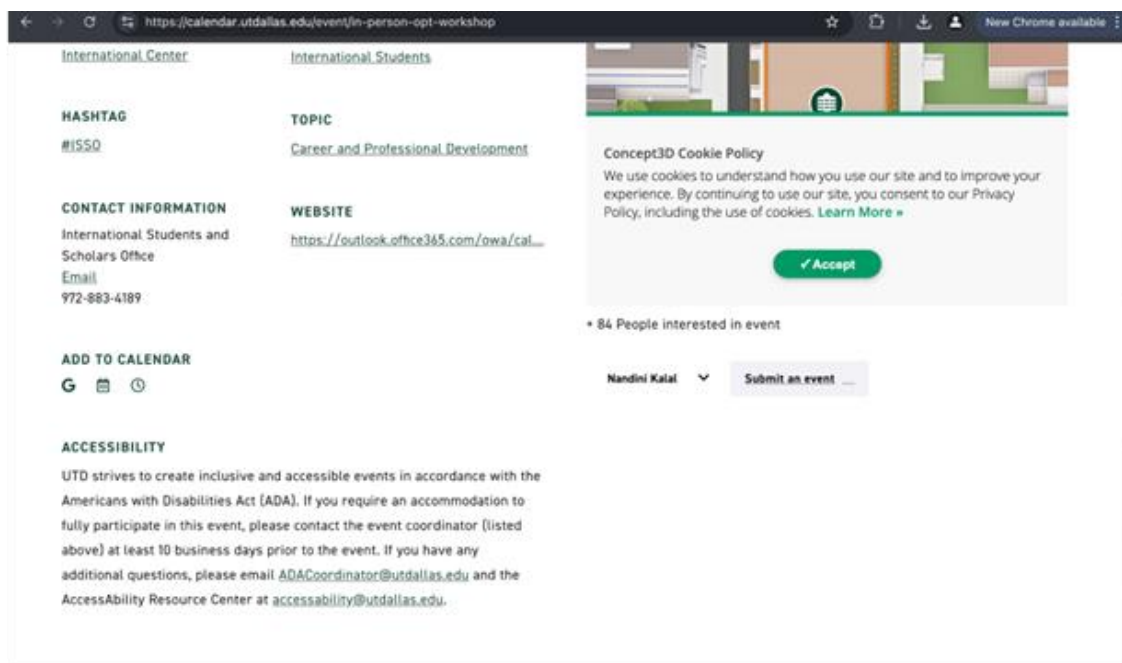


Image 5

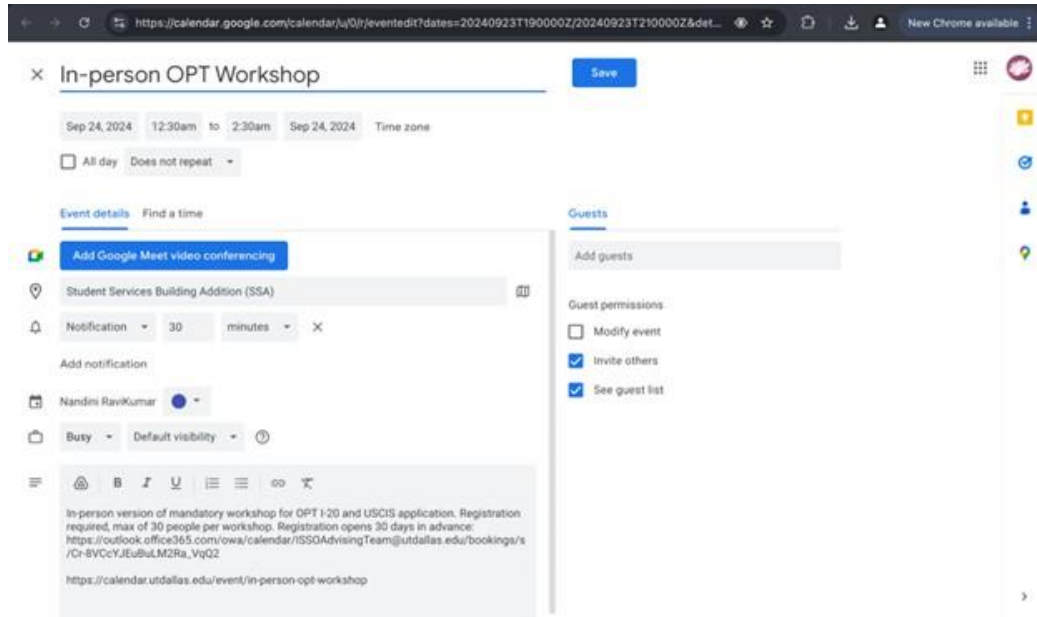


Image 6

UTD Application: The image below is a screenshot of the UTD application homepage, which displays only today's schedule along with information about registered classes and assignment deadlines. It lacks a calendar view and does not show other events registered by UTD students.

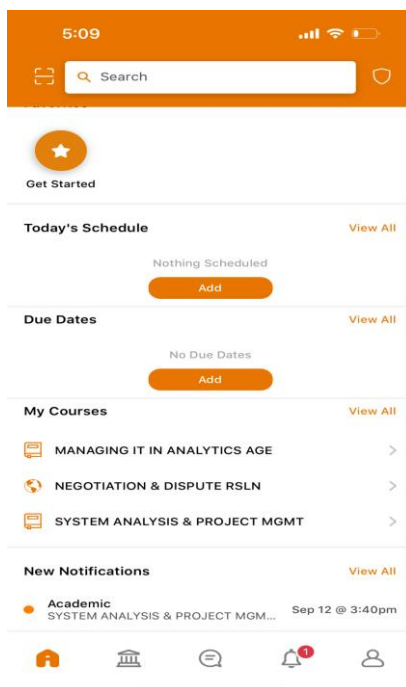


Image 7

When we access the Comet calendar in the UTD app, the screenshot below illustrates that only classes are displayed, and a calendar view is missing.

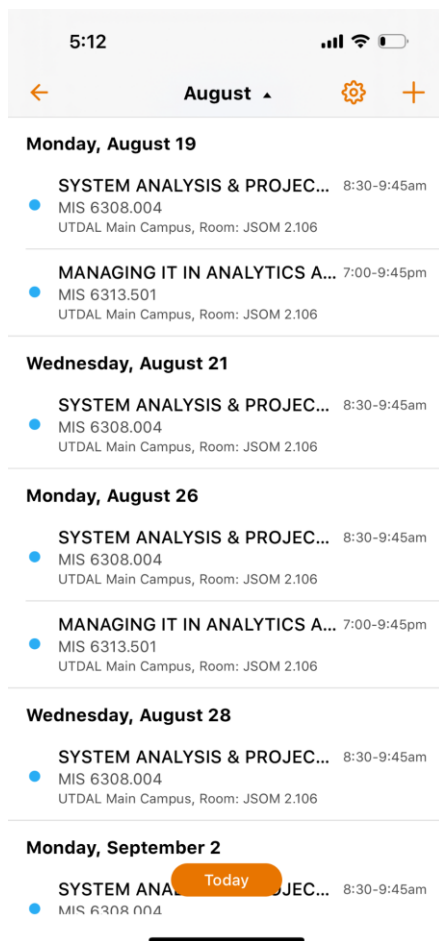


Image 8

None of these systems offer a comprehensive and user-friendly interface that enables students to view both their academic schedules and UTD events in one convenient location. This project aims to solve these issues by creating a complete calendar solution specifically designed for the needs of UT Dallas students.

SURVEY:

After the survey, it became clear that many students have missed events they were keen on attending due to the lack of a centralized calendar. They expressed a strong need for an integrated system that would enhance their scheduling experience and keep them informed about upcoming events and class schedules at UTD.

We have personally engaged with fellow students and distributed a Google Form to collect feedback on this issue. Most students voiced concerns regarding the absence of a proper calendar, which has resulted in missed opportunities for certain events. Additionally, students noted that the lack of calendar viewing experience is a significant drawback.

The below image shows the responses on the Google Forms:

UTD Email Id

33 responses

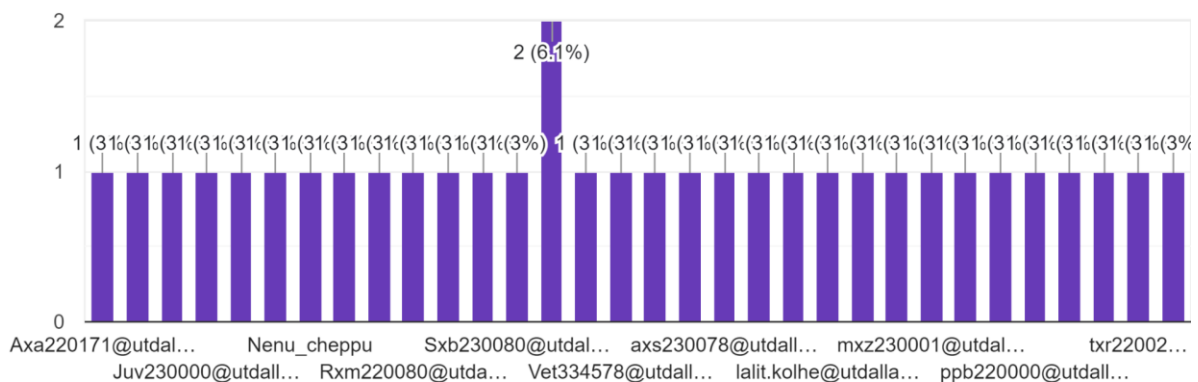


Image 9

As shown in the pie chart below, most students have indicated that they agree with the existing problem and require a solution.

Due to a busy schedule filled with multiple events and classes, did you ever feel you need a calendar which could have updates of all events and classes in UTD app or website?

42 responses

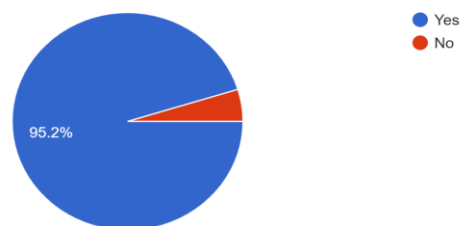
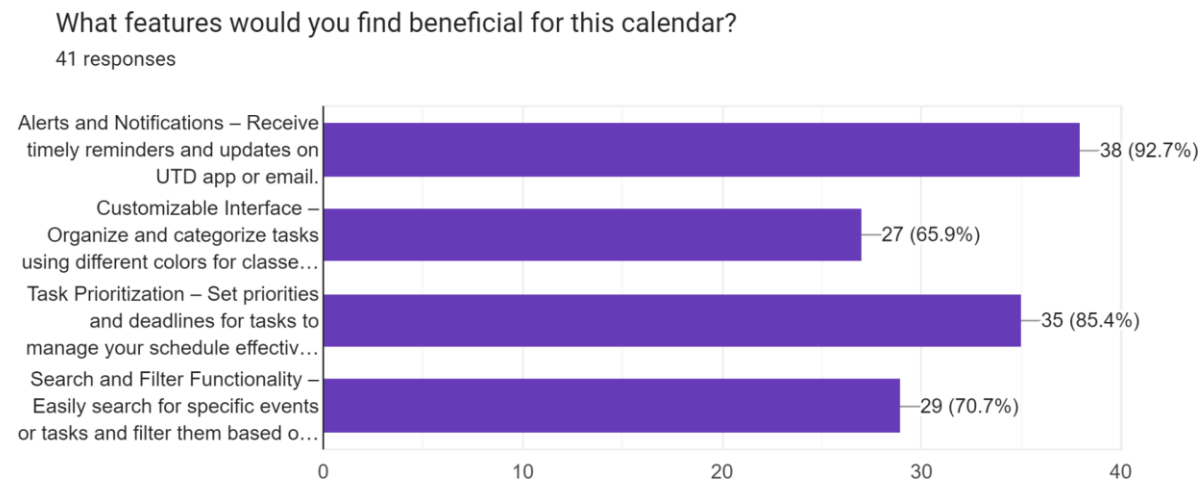


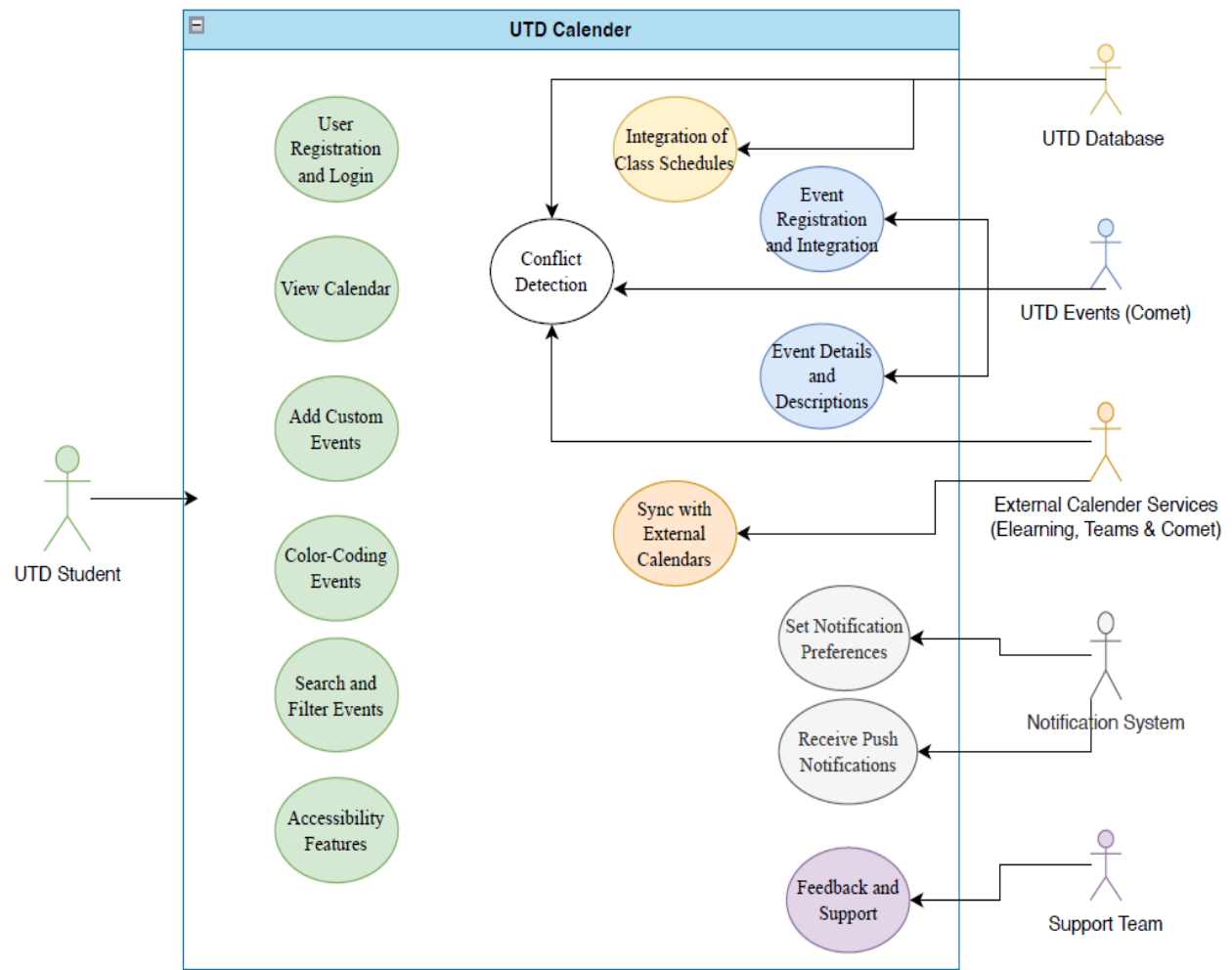
Image 10

The image below shows a bar graph of the features students would like to see added to the calendar app.



Therefore, we believe it is important to move forward with this idea. The feedback we have collected demonstrates a significant demand for a unified calendar solution that addresses existing challenges. By implementing this concept, we can improve the overall student experience at UTD, assisting students in staying organized and actively engaged with their academic and campus life.

USE CASE DIAGRAM:



USE CASE DESCRIPTION:

Use Case - 1

Use Case Name	User Registration and Login
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can register for the calendar application using their UTD credentials and log in securely.
Trigger	The student accesses the registration/login option within the app.
Normal Flow of Events	<ol style="list-style-type: none">1. The student navigates to the registration/login page.2. The student enters UTD credentials.3. The system verifies the credentials.4. The student is logged in or prompted to register.5. The system confirms successful login/registration.
Exception Flow	If the credentials are incorrect, an error message is displayed, prompting the student to try again.

Use Case - 2

Use Case Name	Integration of Class Schedules
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration, Academic Advisors
Description	The system automatically fetches and displays students' registered class schedules from the university's database.
Trigger	The student accesses the class schedules option within the calendar application.
Normal Flow of Events	<ol style="list-style-type: none">1. The student navigates to the class schedules section.2. The system fetches the class schedule from the database.3. The system displays the student's class schedule on the calendar.
Exception Flow	If the system encounters an error fetching the schedule, an error message is displayed, and the student is advised to check back later.

Use Case - 3

Use Case Name	Event Registration and Integration
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can sign up for a variety of campus events—including workshops, seminars, and club activities—through external platforms such as Handshake, the UTD app, or the UTD websites. Upon successful registration on any of these platforms, event details are automatically retrieved and added to the student's calendar, keeping their schedule current with relevant activities.
Trigger	The student registers for a campus event using an external platform (such as Handshake, the UTD app, or the UTD website) and expects the event to appear on their calendar.
Normal Flow of Events	<ol style="list-style-type: none">1. The student navigates to the campus event registration page.2. The student selects the event they want to attend.3. The student confirms the registration.4. The system automatically adds the event to the student's calendar.
Exception Flow	<ol style="list-style-type: none">1. If the event is canceled or rescheduled on the external platform, the UTD app automatically removes or updates the event in the student's calendar.2. If the student registers for the same event on multiple platforms, the UTD app ensures only one instance of the event is reflected in the calendar.

Use Case - 4

Use Case Name	View Calendar
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration

Description	Students can view their calendars within the UTD app in daily, weekly, or monthly formats. This feature allows students to see all their scheduled classes and events immediately, helping them manage their time effectively.
Trigger	The student wants to review their schedule for upcoming classes or events.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The student logs into the UTD app and selects the "Calendar" option. 2. The system offers the option to view the calendar in three formats: daily, weekly, or monthly. 3. The system shows the calendar with all scheduled classes and events for the selected period. 4. The student taps on any class or event for more details (e.g., location, time).
Exception Flow	<ol style="list-style-type: none"> 1. If the calendar does not display any events or classes, the system shows a message: "No events or classes found for the selected period." 2. If the system fails to retrieve updated class or event information from the university database, an error message appears: "Unable to load the latest schedule. Please try again later."

Use Case - 5

Use Case Name	Color-Coding Events
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can categorize their calendar events (e.g., classes, extracurricular activities, meetings) using assorted color codes, making it easier to visually organize and distinguish between event types.
Trigger	The student wants to categorize and organize their calendar by assigning colors to various events for easy identification.

Normal Flow of Events	<ol style="list-style-type: none"> 1. The student logs into the UTD app and accesses the calendar settings. 2. The student views all available event categories listed in the settings. 3. The system presents a color palette or input options for the students to select any color they prefer. 4. The student confirms the color selection, and the system updates the categories with the chosen colors. 5. The calendar is updated to reflect the new colors for all categories.
Exception Flow	<ol style="list-style-type: none"> 1. If the system fails to apply the selected colors, an error message appears: "Failed to update category colors. Please try again." 2. If the student wishes to revert their selections, they can choose a "Reset to Default Colors" option, clearing all custom selections. 3. If the student attempts to assign the same color to multiple categories, the system displays a warning: "Each category must have a unique color. Please choose an assorted color for one or more categories."

Use Case - 6

Use Case Name	Set Notification Preferences
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can customize notification settings for classes and events within the unified calendar platform integrated into the UTD mobile app. This allows students to set reminders for class start times, campus events, or specific events they have highlighted.
Trigger	The student accesses the notification settings option within the calendar application.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The student navigates to the unified calendar platform within the UTD mobile app. 2. The student selects the "Settings" option from the menu. 3. The system displays the notification preferences page. 4. The student customizes notification preferences for various event types. 5. The student saves the notification settings.

	6. The system confirms the updated preferences and schedules notifications accordingly.
Exception Flow	If the system encounters an issue saving preferences, an error message is displayed, and the student is asked to try again later.

Use Case - 7

Use Case Name	Receive Push Notifications
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	This use case describes the process of sending push notifications to students' mobile devices for upcoming classes and registered events based on their preferences in the unified calendar platform.
Trigger	The system detects an upcoming class or event based on the student's notification settings.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The system monitors the student's class schedule and registered campus events. 2. As a class or event approaches, the system sends a push notification to the student's mobile device. 3. The student receives the push notification with event details. 4. The student can tap the notification to open the calendar app for further details. 5. The system logs the notification as delivered and records any interaction.
Exception Flow	<ol style="list-style-type: none"> 1. If the student has disabled notifications on their device, the system displays an alert in the app. 2. If the student does not interact with the notification, the system logs it as "missed" and can optionally remind the student later.

Use Case - 8

Use Case Name	Conflict Detection
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	The calendar highlights potential scheduling conflicts and prevents students from registering overlapping events when they attempt to add a new event.
Trigger	The student attempts to add a new event that may conflict with their existing schedule.
Normal Flow of Events	<ol style="list-style-type: none">1. The student selects the option to add a new event to the calendar.2. The student inputs the event details, including date, time, and duration.3. The system automatically checks the student's existing calendar for any overlapping events. If a conflict is detected, the system highlights the conflicting time slot.4. The system displays a notification: "Conflict detected! This event overlaps with an existing event: [details of the conflicting event]."5. The student is given options to either adjust the new event's time or proceed with adding the event despite the conflict.6. If the student resolves the conflict and confirms the event, the system adds the new event to the calendar.
Exception Flow	<ol style="list-style-type: none">1. If there are no conflicts, the system proceeds to save the new event without any notifications.2. If the system fails to check for conflicts due to a technical issue, an error message appears: "Unable to verify conflicts. Please try again."3. If the student tries to add an event that overlaps with an existing one without resolving the conflict, the system reminds them: "You have unresolved conflicts. Please review before proceeding."

Use Case - 9

Use Case Name	Event Details and Descriptions
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can click on any event or class in the calendar to view detailed information, such as location, duration, and description.
Trigger	The student wants to access more information about a specific event or class in their calendar.
Normal Flow of Events	<ol style="list-style-type: none">1. The student clicks on an event or class displayed in the calendar.2. The system retrieves and displays detailed information about the selected event, including Event Title, Location, Date and Time, Duration, and Description.3. The student can close the event details view to return to the main calendar.
Exception Flow	<ol style="list-style-type: none">1. If the event details cannot be retrieved (e.g., if it has been deleted), the system displays a message: "Event details not available."2. If there is a technical issue retrieving the details, the system shows an error message: "Unable to load event details. Please try again."

Use Case - 10

Use Case Name	Search and Filter Events
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration

Description	This use case describes how students can search for specific events or classes using keywords and filter the results by various criteria like date, category, or type within the unified calendar platform.
Trigger	When a student initiates a search or filter action within the calendar application.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The student navigates to the unified calendar platform within the UTD mobile app. 2. The student enters a keyword (e.g., "lecture," "career fair," or "data science"). 3. The system processes the keyword and displays relevant events or classes. 4. The student selects filters (e.g., date range, category like "academic" or "social," or event type such as "online" or "in-person"). 5. The system refines the search results based on the selected filters. 6. The student may clear the filters to return to the full list of events or conduct a new search.
Exception Flow	If the student selects conflicting filters (e.g., "online" and "in-person"), the system displays an error message, prompting the student to adjust the filters.

Use Case - 11

Use Case Name	Sync with External Calendars
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	This use case involves the process by which students synchronize their unified UTD calendar with external calendar services (e.g., Google Calendar, Outlook) to manage their schedules comprehensively across platforms.

Trigger	When a student initiates a sync action between the UTD calendar and an external calendar service.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The student navigates to the unified calendar platform within the UTD mobile app. 2. The student selects "Sync Calendars" and chooses an external calendar service. 3. The system prompts the student to log in to their external calendar account and grants the necessary permissions for synchronization. 4. The student authorizes access to their external calendar service. 5. The system synchronizes the unified UTD calendar events with the external calendar, ensuring all schedules are aligned. 6. The student receives confirmation that the sync is successful and can view UTD calendar events in their external calendar.
Exception Flow	<ol style="list-style-type: none"> 1. If there are conflicting events between the UTD calendar and the external calendar, the system alerts the student to the conflict and allows them to choose how to resolve it. 2. If there were only few events are synchronized due to limitations of the external service, the system informs the student and provides a detailed report of which events were not synchronized.

Use Case 12

Use Case Name	Add Custom Events
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	Students can manually add custom events (e.g., study groups, personal reminders) to their calendars.
Trigger	The student selects the option to add a custom event within the calendar application.
Normal Flow of Events	1. The student navigates to the "Add Event" section.

	2. The student fills out event details (title, date, time, and more). 3. The student saves the event. 4. The system adds the custom event to the calendar and confirms successful additions.
Exception Flow	If the event cannot be saved due to an error, an error message is displayed, prompting the student to try again.

Use Case 13

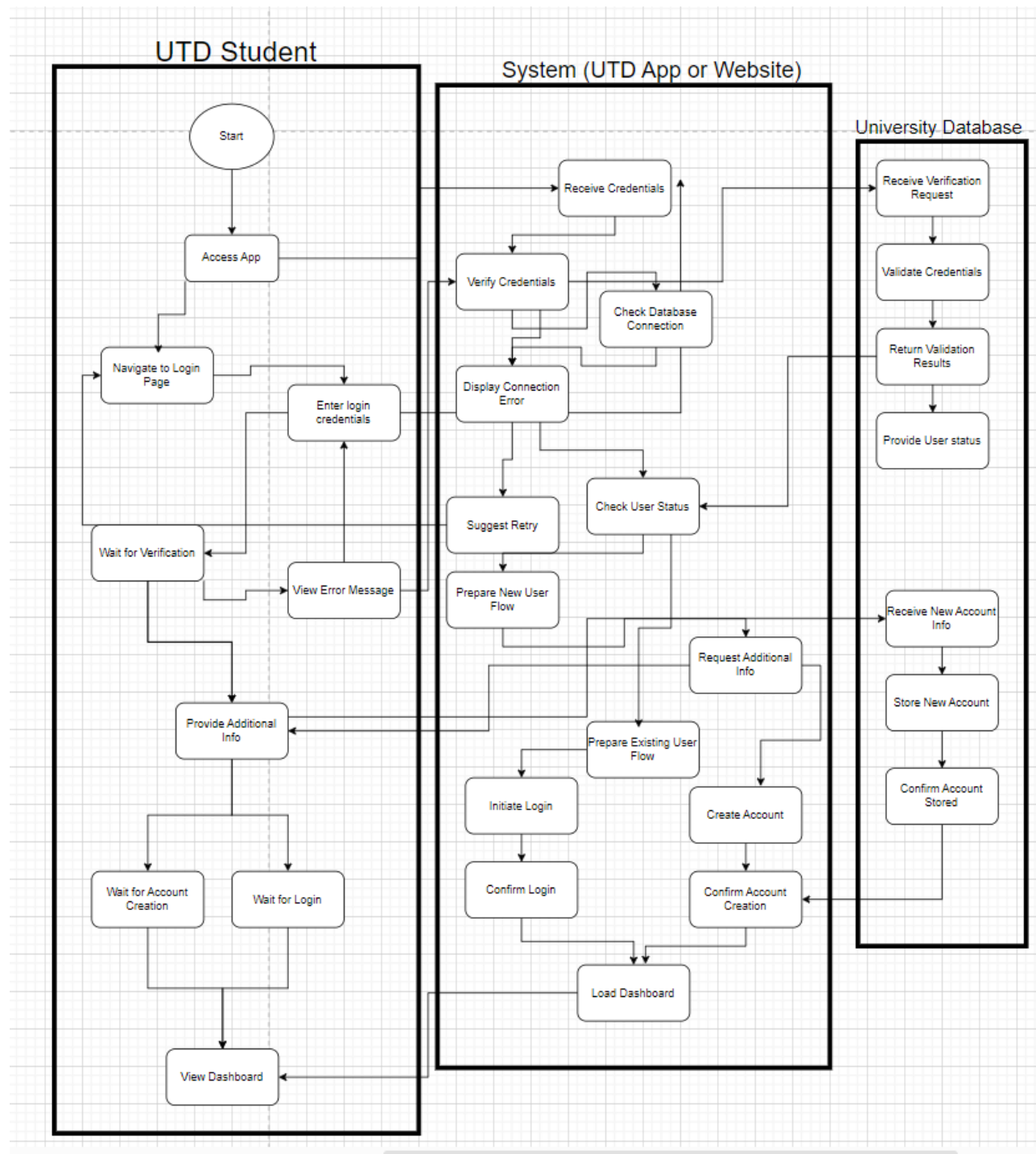
Use Case Name	Accessibility Features
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration
Description	The calendar is designed with accessibility in mind, offering features like screen reader compatibility and adjustable font sizes for students.
Trigger	The student accesses the accessibility settings within the calendar application.
Normal Flow of Events	1. The student navigates to the accessibility settings. 2. The student adjusts preferences (e.g., font size, and screen reader options). 3. The system applies the changes. 4. The system confirms that the settings have been updated.
Exception Flow	If the system fails to apply the changes, an error message is displayed, and the student is advised to try again.

Use Case 14

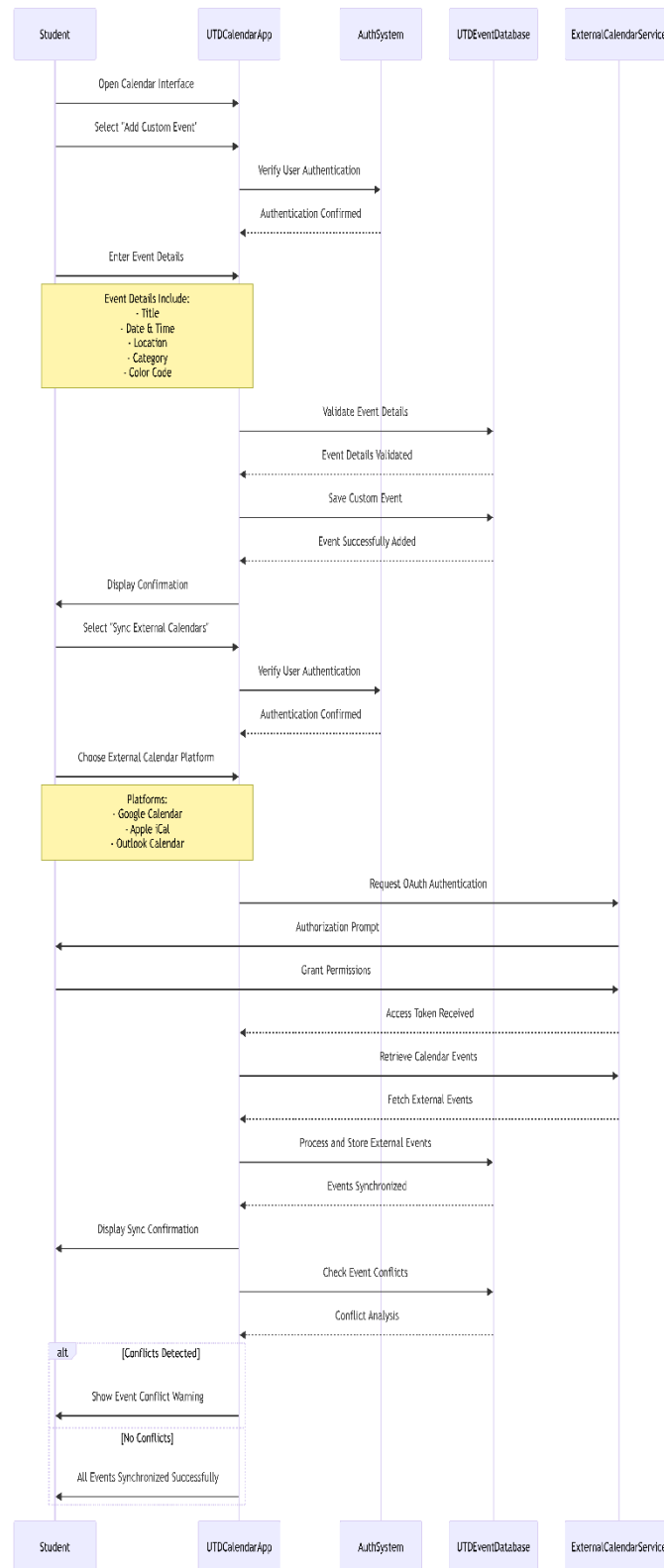
Use Case Name	Feedback and Support
Primary Actor(s)	UTD Student
Stakeholder(s)	UTD Students, UTD Administration

Description	Students can provide feedback on the calendar application and access support resources for troubleshooting or suggestions.
Trigger	The student selects the feedback/support option within the app.
Normal Flow of Events	<ol style="list-style-type: none"> 1. The student navigates to the feedback/support section. 2. The student fills out the feedback form or selects a support resource. 3. The student submits the feedback or requests help. 4. The system acknowledges receipt of feedback or provides access to support resources.
Exception Flow	If feedback submission fails, an error message is displayed, prompting the student to try again later.

ACTIVITY DIAGRAM:



SEQUENCE DIAGRAM:



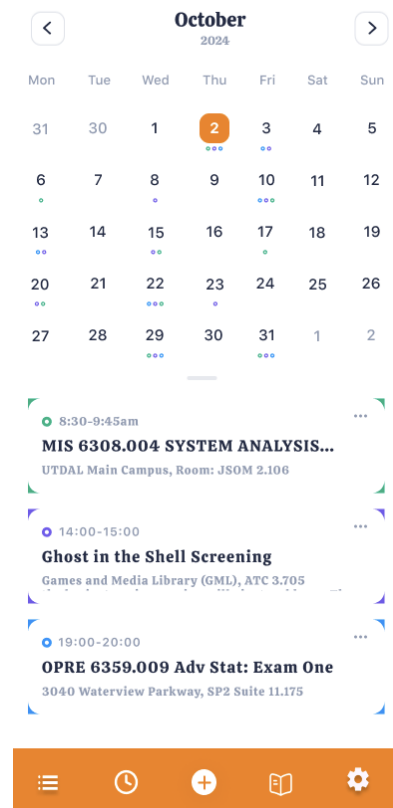
UI DESIGN:

Home Page of the UTD Calendar Application

The home page features a clean and user-friendly interface, prominently displaying the calendar view for easy navigation. At the bottom of the screen, five essential icon buttons are readily accessible:

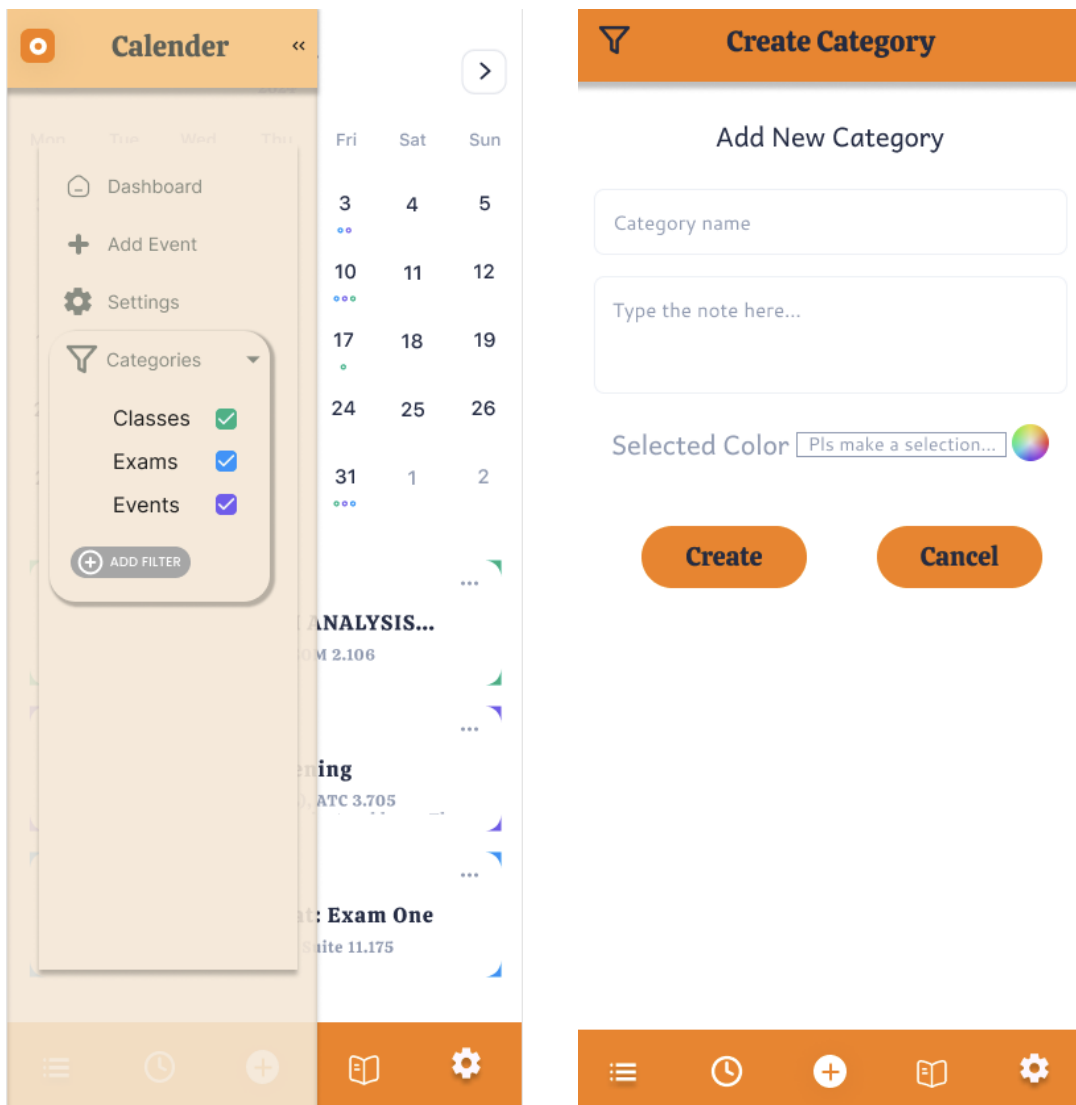
- 1. Filter:** Customize your calendar view to display specific events or categories.
- 2. Today's Schedule:** Quickly access a list of today's events and activities.
- 3. Add Event:** Easily add new events to your calendar with a simple tap.
- 4. eLearning Submissions & Exams:** Stay updated on upcoming submissions and exams for your courses.
- 5. Settings:** Adjust your preferences and manage your account settings.

This layout ensures that users can efficiently manage their schedules and easily access notable features, providing an overview of upcoming deadlines as well as today's scheduled events.



Filter Option Overview:

When users click the Filter icon (three bars), a menu appears displaying the existing filter categories. Users also have the option to add a new category, which includes a color selection tool for color-coding events. This feature enhances organization and clarity, allowing students to easily distinguish between diverse types of activities.



Overview of the Add Event Option

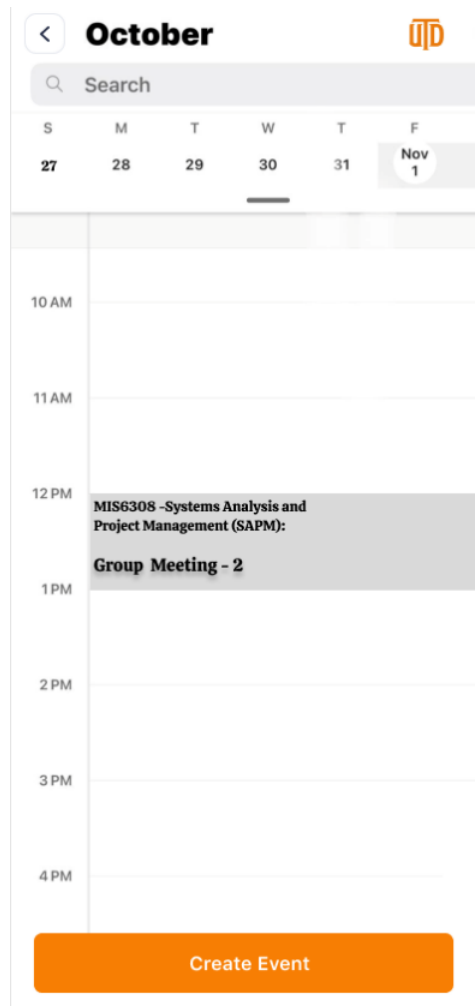
The Add Event screen provides users with a straightforward way to input event details. It allows for the entry of the event title, date, time, location, and any additional notes. The intuitive interface simplifies the process for students, enabling them to efficiently create and organize their events.

The screenshot shows the 'Add New Event' form. At the top is a calendar for October 2024, with the 2nd highlighted. Below the calendar is the 'Add New Event' title. The form contains the following fields and controls:

- Event name***: A text input field.
- Type the note here...**: A text area for additional notes.
- Date**: A date picker with a calendar icon.
- Start time** and **End time**: Time pickers with clock icons.
- Reminds me**: A toggle switch.
- Select Catgeory**: A section with three buttons: **Event** (selected), **Class**, and **Exam**.
- + Add new**: A link to add a new category.
- Create Event**: A large orange button to submit the form.

Overview of the Day Schedule Option

The Day Schedule provides a detailed overview of a student's daily events. This feature highlights all scheduled activities, including class times, meetings, and deadlines, allowing students to manage their daily commitments with ease.



Event Conflict Alert Message

The alert message informs students when they try to create a new event that conflicts with an existing one on their calendar. This feature helps students stay aware of scheduling overlaps, enabling them to manage their time more efficiently and avoid double bookings.

<

October 2024

>

Mon	Tue	Wed	Thu	Fri	Sat	Sun
31	30	1	2	3	4	5
6	7	8	9	10	11	12

Add New Event

Coffee Chat with Grad Dean

list of tech companies for the upcoming career fair

10/30/2024

12:00 PM

01:00 PM

Reminds me

Schedule Conflict

Alert: You have an event already scheduled at this time. Do you want to proceed with adding a new one?

Proceed

Cancel

Important Reminders Notification

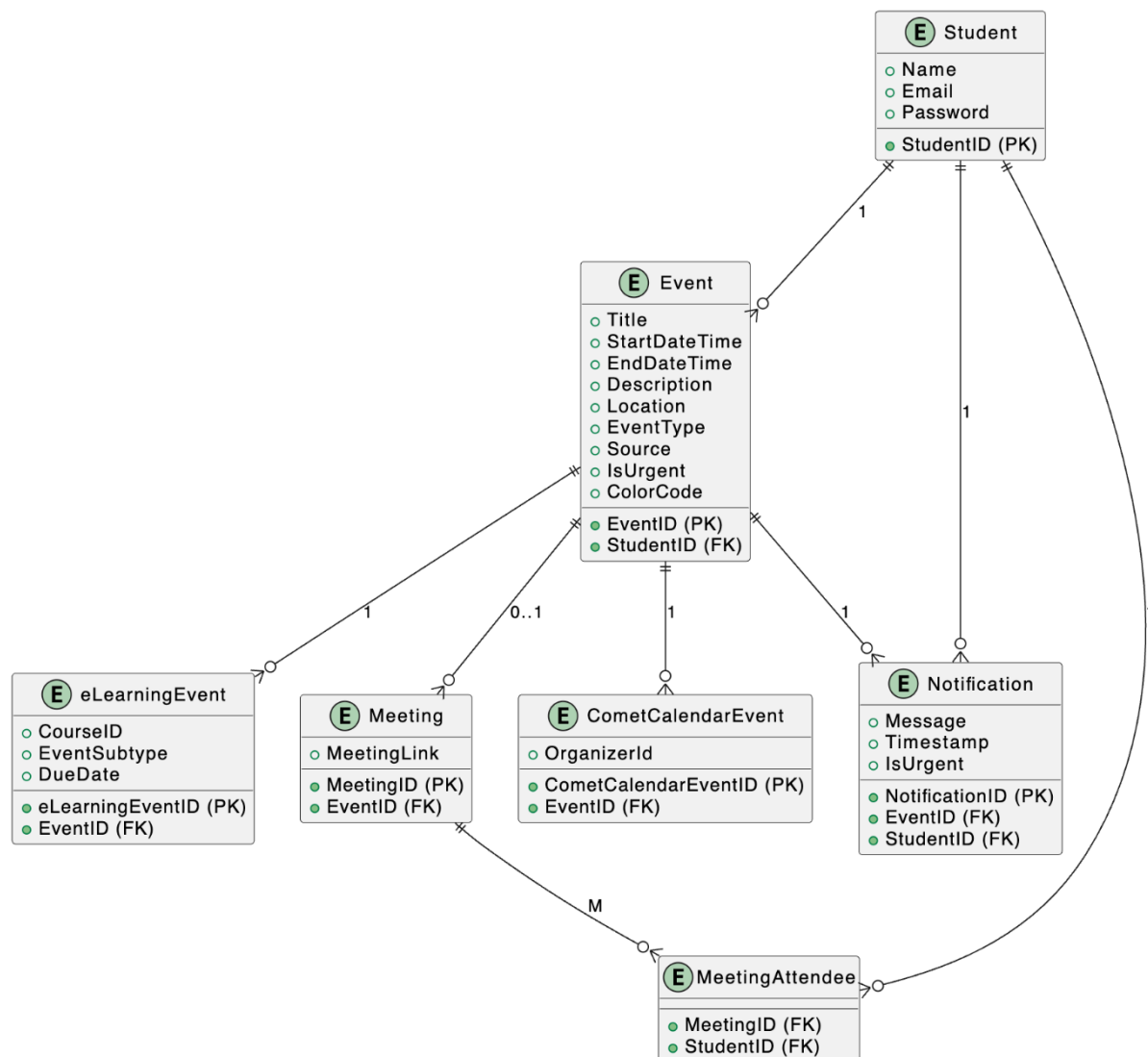
The UTD calendar notification highlights important reminders for upcoming events and deadlines. This feature helps students stay informed and organized, ensuring they do not miss crucial dates and can plan their schedules accordingly.



DATABASE DESIGN:

The Entity-Relationship Diagram (ERD) for the UTD Unified Calendar System consists of several key entities: Student, Event, eLearning Event, Comet Calendar Event, Meeting, Meeting Attendee, and Notification.

1. The student entity represents UTD students and is central to the system, linking to distinct types of events.
2. The Event entity serves as the foundational model for all calendar entries, while specialized entities like the eLearning Event and Comet Calendar Event are inherited from it to specifically represent academic and campus events, respectively.
3. The Meeting entity facilitates the creation of online meetings, with the Meeting attendees managing participants from the UTD organization.
4. The Notification entity manages reminders and alerts for all event types.



This ERD (Entity Relationship Diagram) structure supports the following requirements:

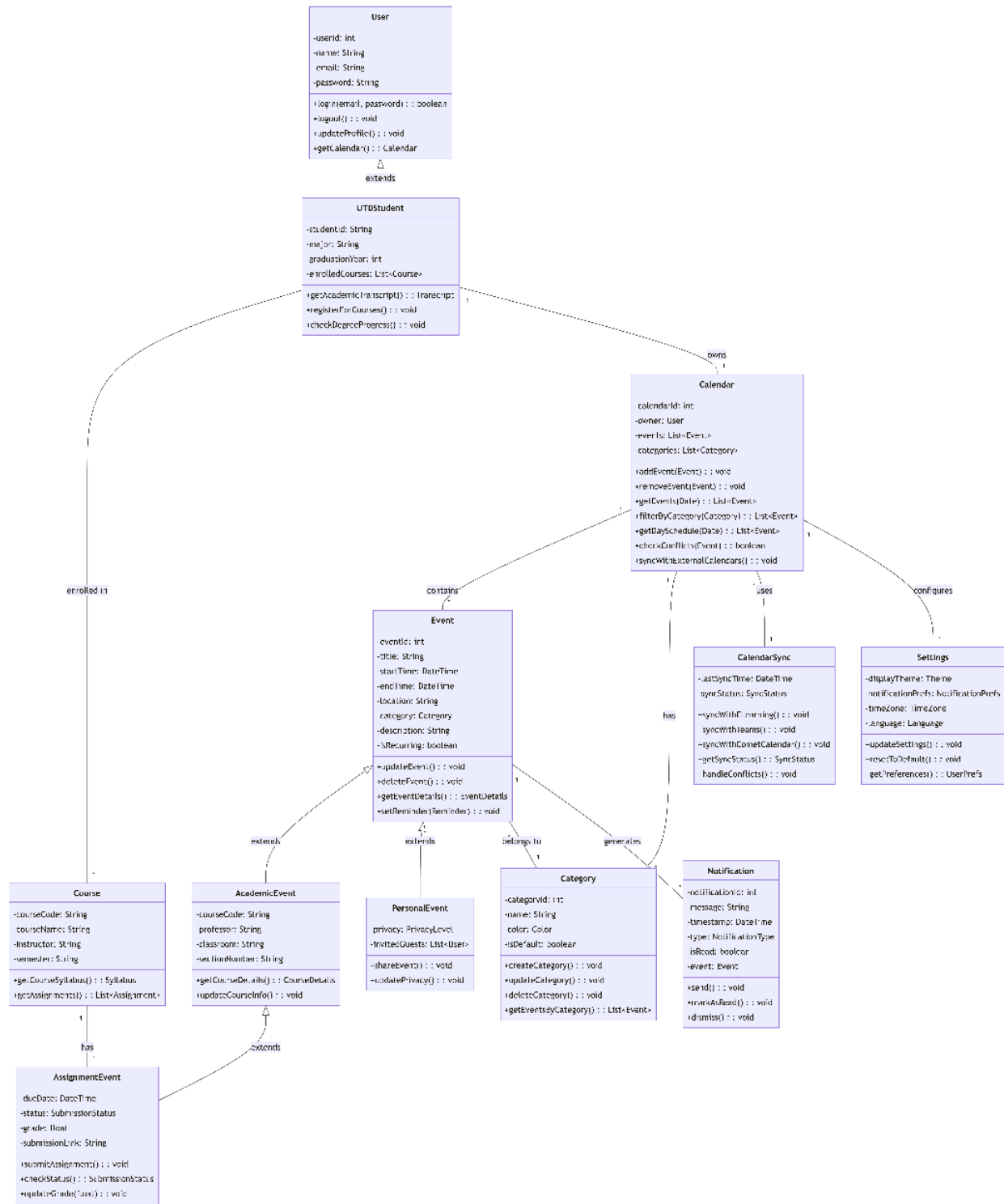
1. Students can log in to view their calendar, which displays distinct types of events.
2. Events can be sourced from eLearning, Comet Calendar, or personal events.
3. eLearning events include exams, classes, assignments, and project due dates.
4. Comet Calendar events are associated with UTD (University of Texas at Dallas) activities.
5. Personal events may include meeting links with attendees from the UTD organization.
6. The system prevents events from conflicting in terms of timing. This will be managed in the application's logic using the StartDateTime and EndDateTime fields.
7. Events can be categorized and color-coded for easier identification.

CLASS DIAGRAMS WITH METHODS

This diagram shows:

1. Main Entry Point - User Login → Student Dashboard
2. Core Features: Dashboard connects to:
 - Calendar Management
 - Event Types
 - Academic Events
 - Personal Events
 - Assignment Events
 - Course Tracking
 - eLearning Synchronization
3. Primary Actors
 - UTD Student: Central user with specialized academic attributes
 - Manages academic and personal calendars.
 - Tracks courses, assignments, and events

The primary features seamlessly connect academic planning with real-time updates and notifications. The system emphasizes user experience through intuitive navigation and prompt access. Students begin their journey at the secure login portal, leading to their personalized dashboard. The calendar interface provides a comprehensive overview of academic and campus events. Event management functionality enables users to efficiently add, edit, and categorize activities. Automatic synchronization retrieves course schedules from the eLearning platform. The system incorporates assignment deadlines and exam dates directly into the main calendar. Real-time notifications keep students informed about impending academic commitments. All course assignments can be viewed and tracked in a centralized location, while automatic deadline tracking ensures students remain aware of upcoming submissions. A smart reminder system sends alerts tailored to user preferences. A personalized categorization system aids in organizing diverse types of events, while color coding enhances the visual distinction between various calendar entries. Flexible viewing options allow users to display the calendar in daily, weekly, or monthly formats.



MINUTES OF MEETING

Project Deliverable: Project Proposal Draft.

Meeting	Aug 21 st .
Purpose	Team Intro and Project Ideas Discussion.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Everyone contributed their ideas and produced a draft project plan.
Conclusion	Finalized two project ideas - Smart City & UTD Calendar.
Team Members:	Action Items:
Nandini Kalal	Prepared Project Idea Document for UTD Calendar.
Rupesh Vamsi Krishna Akula	Took responsibility for Research Analysis for the UTD Calendar.
Kevin Govada	Prepared Project Idea Document for Smart City.
Sumit Gorkhe	Took responsibility for Research Analysis for Smart City.

Project Deliverable: Project Proposal Draft.

Meeting	Sep 11 th .
Purpose	Project Proposal.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Worked on reviews given by the Professor and finalized Project Idea - UTD Calendar. Worked on research analysis for UTD Calendar and collected supporting evidence for the problem statement.
Conclusion	Finalized Project Proposal Document Structure and distributed work.
Team Members:	Action Items:
Nandini Kalal	Worked on Final Project Proposal Document and supporting evidence for problem statement & Submitted Project Proposal Draft.

Rupesh Vamsi Krishna Akula	Worked on gathering supporting evidence for the problem statement and consulted with UTD eLearning resources as well as other students to validate the project idea and problem statement.
Kevin Govada	Worked on gathering supporting evidence for the problem statement and consulted with UTD eLearning resources as well as other students to validate the project idea and problem statement.
Sumit Gorkhe	Created Google form and shared it with students to validate project idea and problem statement.

Project Deliverable: Final Project Proposal.

Meeting	Sep 26 th .
Purpose	Finalize the project proposal document and submit it based on feedback from the professor.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Worked on changes suggested by Professor.
Conclusion	Finalized Document and submit it.
Team Members:	Action Items:
Nandini Kalal	Submitted Final Document and worked on suggested changes.
Rupesh Vamsi Krishna Akula	Checked with the Professor regarding any additional changes.
Kevin Govada	Checked with the TA regarding any additional changes.
Sumit Gorkhe	Worked on suggested changes.

Project Deliverable: Use Cases & UML Diagram.

Meeting	Oct 2nd.
Purpose	Discuss Use Cases.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Storyboarding and Use Case Finalization.

Conclusion	Everyone produced use cases and worked on storyboarding.
Team Members:	Action Items:
Nandini Kalal	Proposed five use cases and developed detailed use case descriptions.
Rupesh Vamsi Krishna Akula	Proposed five use cases and developed detailed use case descriptions.
Kevin Govada	Worked on Storyboarding.
Sumit Gorkhe	Proposed four use cases and developed detailed use case descriptions.

Project Deliverable: Use Cases & UML Diagram

Meeting	Oct 9 th .
Purpose	UML Diagram and Use Case Diagram and Submission.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Discussed regarding UML & Use Case Diagram.
Conclusion	Finalized UML and Use Case diagram and distributed work.
Team Members:	Action Items:
Nandini Kalal	Worked on Use Case Diagram and Submitted Document before the deadline.
Rupesh Vamsi Krishna Akula	Worked on Use Case Diagram.
Kevin Govada	Worked on UML Diagram.
Sumit Gorkhe	Worked on UML Diagram.

Project Deliverable: User Interface Design.

Meeting	Oct 14 th
Purpose	Discuss the UI of the UTD Calendar and the tools to be used.

Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	UI of the UTD Calendar, discuss various case scenarios along with the pros and cons of the proposed ideas and finalize the tools to be used.
Conclusion	Finalized the different screens for the UTD Calendar UI and decided to proceed with Figma and Canva for design.
Team Members:	Action Items:
Nandini Kalal	Created rough sketches of the UI screens on paper and outlined how they would be interlinked.
Rupesh Vamsi Krishna Akula	Worked on Figma and Canva - Draft Designs for the idea.
Kevin Govada	Worked on Figma and Canva - Draft Designs for the idea.
Sumit Gorkhe	Created rough sketches of the UI screens on paper and outlined how they would be interlinked.

Project Deliverable: User Interface Design

Meeting	Nov 28 th
Purpose	Finalized the screens, worked on the professor's feedback, and finished the document for submission.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Decide on the Mobile app or website version of the screen, and the number of screens to be included, and work on the project document.
Conclusion	Decided to proceed with the Mobile App, suggested by Professor, and distributed work.
Team Members:	Action Items:
Nandini Kalal	Worked on the Canva design and project document, then submitted the final document.
Rupesh Vamsi Krishna Akula	Worked on Figma Designs and interlinking of screens.
Kevin Govada	Worked on Figma Designs.

Sumit Gorkhe	Worked on Canva Designs.
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Project Deliverable: DB Design & OO Design

Meeting	Nov 4 th .
Purpose	Finalize DB & OO Design.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Discuss entities, attributes, relationships, the ERD diagram, and object-oriented design.
Conclusion	Finalized entities, attributes, relationships, the ERD diagram, and object-oriented design, then distributed the work and worked on the document for submission.
Team Members:	Action Items:
Nandini Kalal	Worked on the ERD diagram, edited the document, and submitted the definitive version.
Rupesh Vamsi Krishna Akula	Worked on the ERD diagram.
Kevin Govada	Worked on the OO Design.
Sumit Gorkhe	Worked on the OO Design.

Project Deliverable: Draft Project Document

Meeting	Nov 20 th
Purpose	Finalize Project Document.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	Discuss the structure of the document and the changes to be made.
Conclusion	Finalized the draft project document and made the required changes.
Team Members:	Action Items:
Nandini Kalal	Worked on the Document and submitted it.

Rupesh Vamsi Krishna Akula	Checked with TA regarding any additional suggestions and Reviewed the Final Document.
Kevin Govada	Checked with TA regarding any additional suggestions and Reviewed the Final Document.
Sumit Gorkhe	Worked on the Document.

Project Deliverable: Final Project Document

Meeting	Nov 27 th
Purpose	Work on changes to the draft document based on the TA's suggestions.
Attendees	Nandini Kalal, Rupesh Vamsi Krishna Akula, Kevin Govada, Sumit Gorkhe.
Discussion	TA's suggestions for the sequence diagram and class diagram of the object-oriented design. Discuss PPT for project presentation.
Conclusion	Distributed the work, made changes based on the TA's suggestions, and added the weekly MOM information to the final document. Distributed work regarding PPT.
Team Members:	Action Items:
Nandini Kalal	Worked on Final Document Editing and MOM Weekly details. Worked on PPT.
Rupesh Vamsi Krishna Akula	Helped with the sequence and class diagrams. Worked on PPT.
Kevin Govada	Worked on Final Document Editing and Sequence Diagram changes. Worked on PPT.
Sumit Gorkhe	Worked on class diagram changes. Worked on PPT.