

Scheduler

Centralized space for users to create both recurring and non recurring events in any of the timezones


Ability to schedule events based on a particular calendar, so that the event respects the holidays, business off days of that calendar

The events will be tagged to the internal processes later so that the processes follow the running schedule based on the event timings

Ability to activate/deactivate events so that the internal processes can automatically be paused

User Personas - Scheduler

User Profile 1



Chris Martin
Product Head

Aim to establish the product as a leader of loan and debt servicing software platforms

Age: 46
Status: Married
Location: Paris
Education: MBA

Organized, Innovative, Practical, Hard Working, Curious, Leader

Bio

Chris is a solution executive with over two decades of experience leading global software solution and managed services teams. He has the ability to traverse all area of the business including client relationship management, product management, operations, development and quality assurance. He's specialized in Fintech, Artificial Intelligence and Digital Transformation.

Personality

Introvert Extrovert

Analytical Creative

Modern Orthodox

Passive Active

Technical Non-Technical

Goals

- Consistent experience across all products in the suite
- Better insights into data and various stages of data processing including data visualization
- Smooth onboarding and offboarding of new clients without existing data disruptions
- Upmost security to be put in place to prevent accidental data breach (eg. unwanted display of one client's data to another)

Motivations

Automation

Comfort

Convenience


Speed

Innovation

Frustrations

- Design inconsistencies throughout products of the same suite, catering to confusion
- Limited insights and no control over the flow of data through various stages of processing
- Limited error handling and logging process which leads to delayed core issue identification
- Separate communication channels for separate tasks, which leads to more overhead and hence communication gap

User Profile 2



John Oliver
Product Manager

Redesign the application in a way to have less manual intervention of internal team in day to day processes

Age: 42
Status: Married
Location: Maryland, US
Education: MBA

Organized, Creative, Practical, Appreciative, Patient, Open Minded

Bio

John is a Product Manager with 7 years experience of handling the day to day operations of the product and dealing with the clients. The product is now 4 years old in working and he is primarily responsible for the manual configuration changes required on a release per release basis. He also acts as a mediator between the clients and the internal team for any new functionalities required or any major bugs reported.

Personality

Introvert Extrovert

Analytical Creative

Modern Orthodox

Passive Active

Technical Non-Technical

Goals

- Less manual intervention in day to day processing
- Consistent design across all screens of the application (Version 1.0 has inconsistencies)
- Better insights into data and various stages of data processing including data visualization
- Put safeguards in place to prevent unintentional data modification
- Incorporate various day to day processes into single application (eg. task management)

Motivations

Manual Intervention

Comfort

Convenience

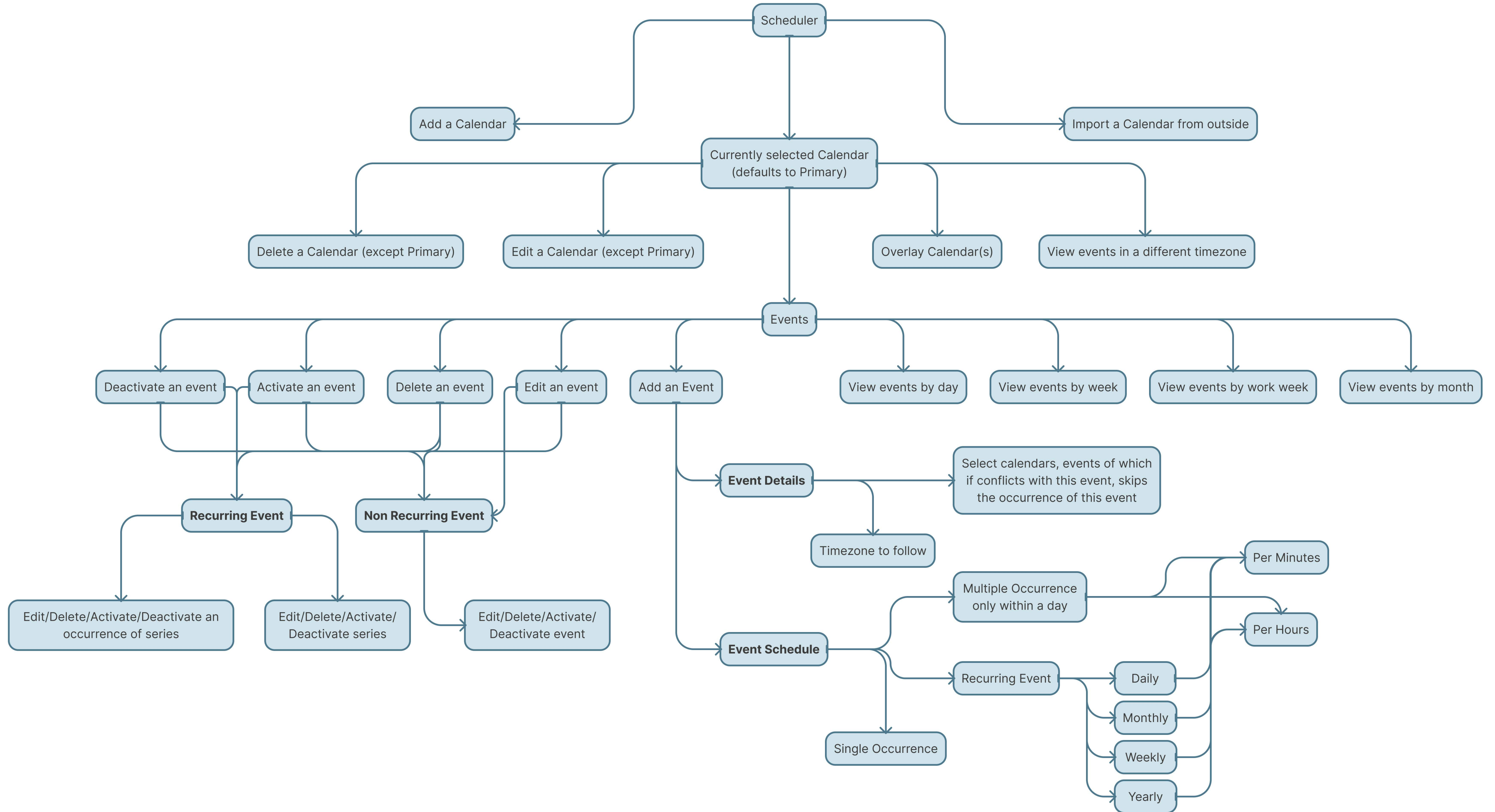
Speed

Action Clarity

Frustrations

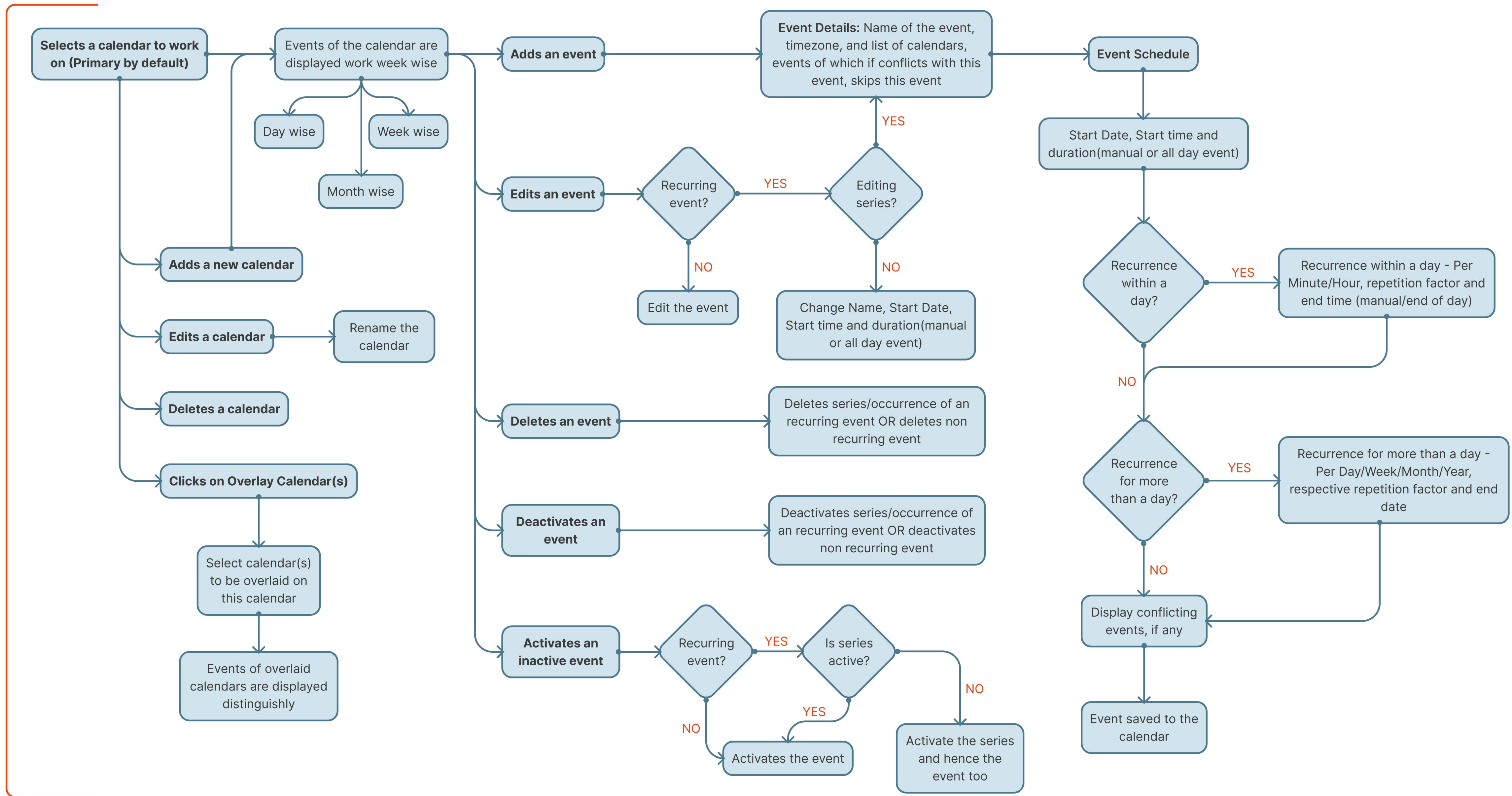
- Design inconsistencies throughout the application, catering to confusion
- No safeguards for any unintentional data modifications, which may have serious implications
- Managing different processes is difficult as each has its own communication platform
- Limited insights and no control over the flow of data through various stages of processing

Sitemap - Scheduler



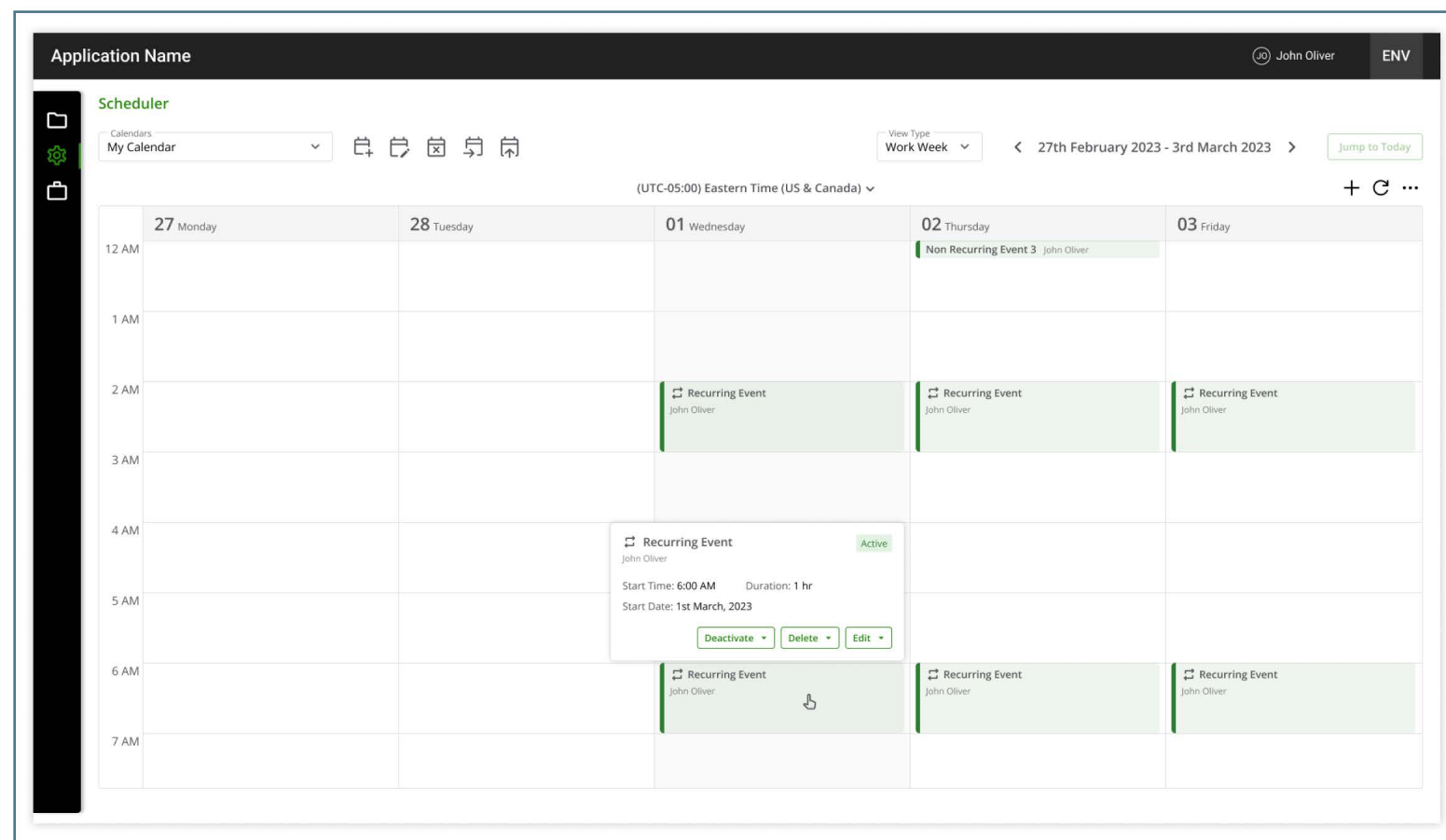
Userflow - Scheduler

USER

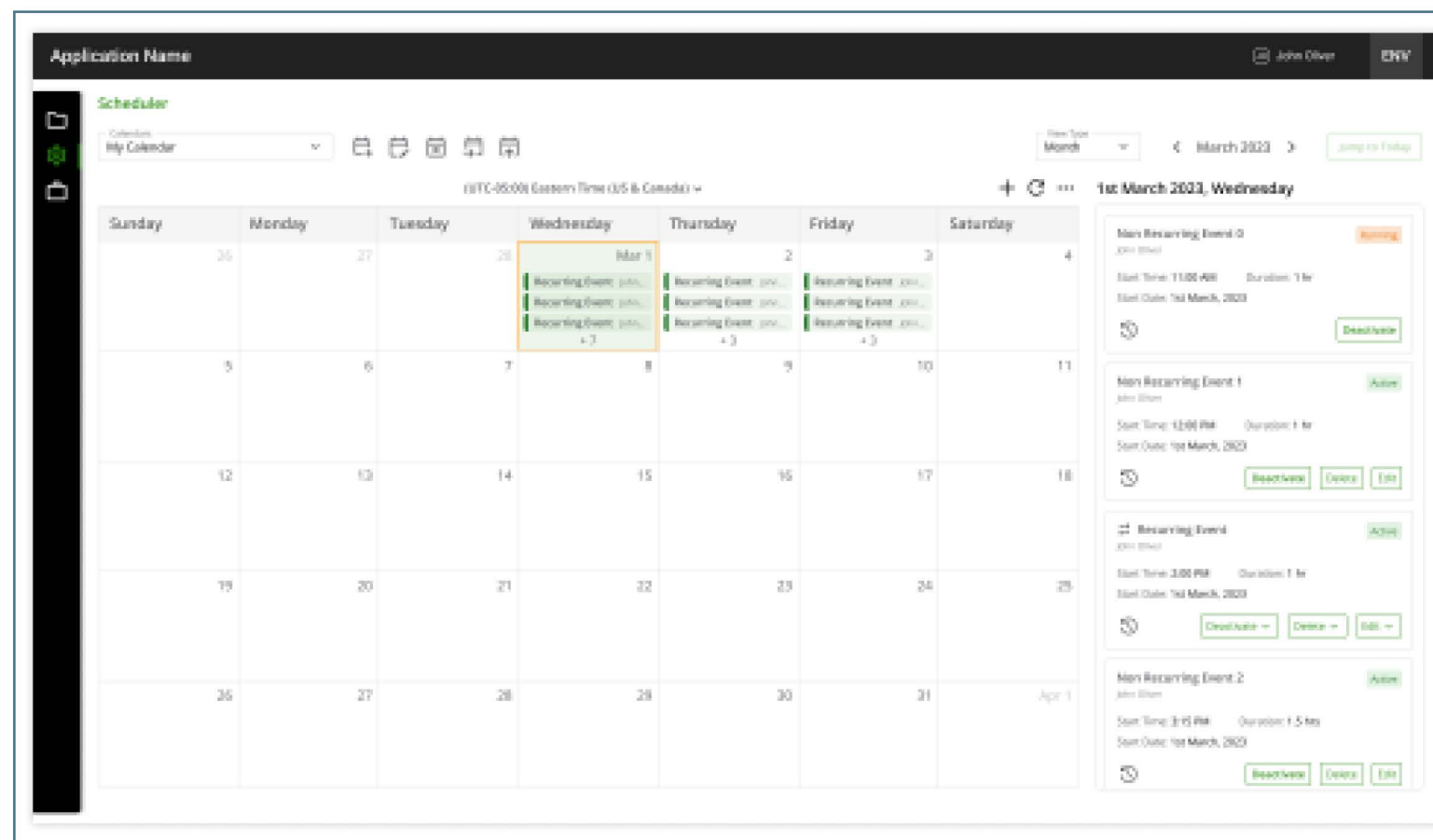


Wireframes - Scheduler

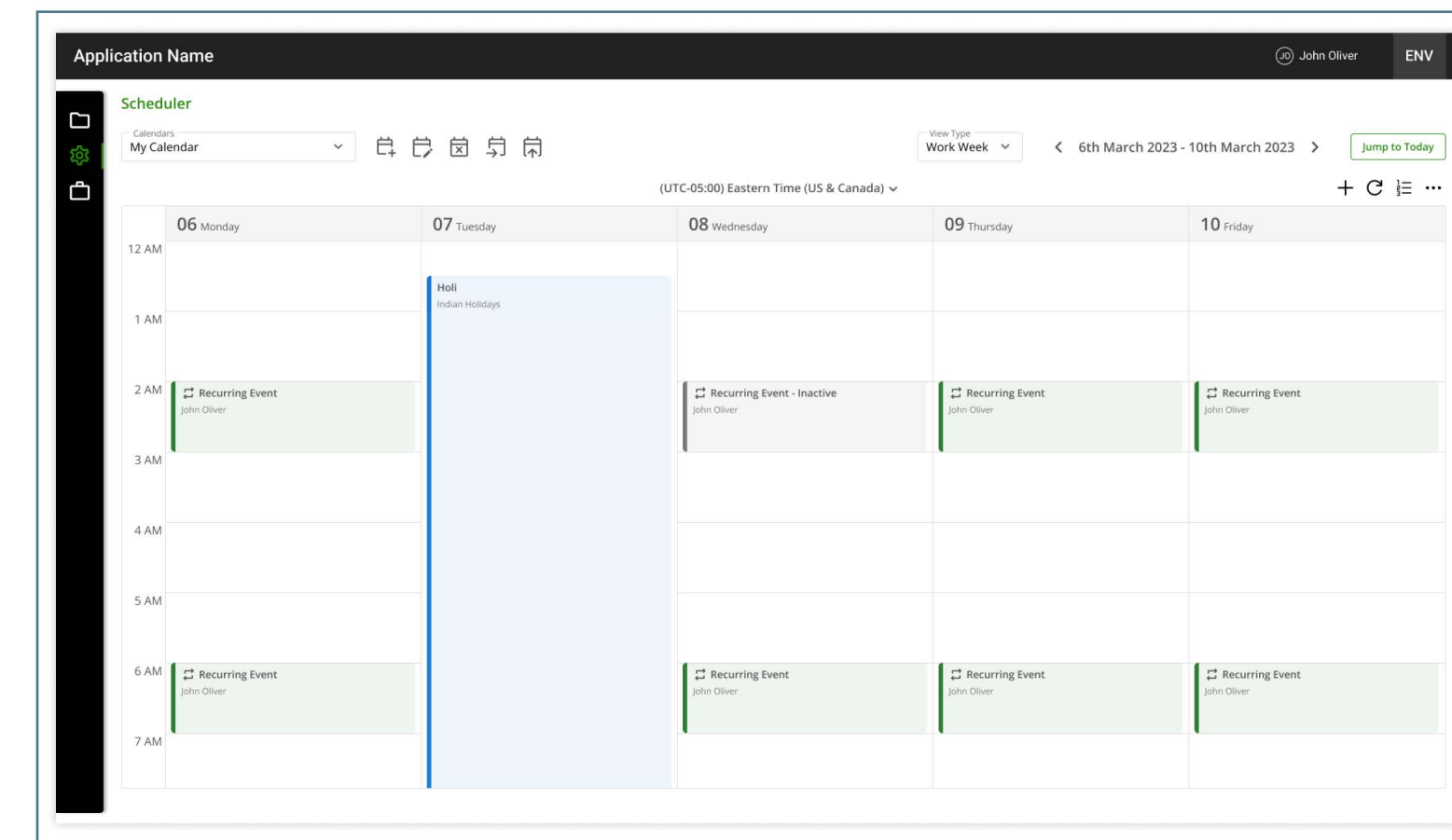
Work week view of a calendar



Month view of a calendar



A calendar being overlaid on the current calendar



Categorization of events

<p>🔄 Recurring Event John Oliver</p>	<p>🔄 Recurring Event - Running John Oliver</p>
<p>Non Recurring Event John Oliver</p>	<p>🔄 Recurring Event - Overlaid John Oliver</p>
<p>🔄 Recurring Event - Inactive John Oliver</p>	

How events are stacked on the calendar

If event can take only single line of space, 'event name' and 'created by' comes side to side, with preference given to event name if width is too small to display both.

Recurring Event John Oliver	Recurring Event 007 John...	Recurring Event with nam...
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If event takes two or more lines of space, the last line will be reserved for 'created by'.

Recurring Event John Oliver	Recurring Event... John Oliver
Recurring Event name too long to fit in one line John Oliver	Recurring Event name too long to fit in one line s... John Oliver

If width is too small to hold the content, wrap the text till the last line (last line is reserved for 'created by' if two or more lines are available) and then it will be hidden based upon the width.

Recurring Event name too long to fit in one line so... John Oliver	Recurrin Event na too long fit in... John...
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Wireframes - Scheduler

Add an event - single occurrence

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/01/2023

Start Time* 03:30 PM Duration* 2 Hours Mins. All Day Event

Recurrence Within a Day
Do not Repeat

Recurrence For More Than a Day
Do not Repeat

Conflicting Schedules
None

Cancel Add

Add an event - multiple occurrence with in a day

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/01/2023

Start Time* 07:00 PM Duration* 1 Hours Mins. All Day Event

Recurrence Within a Day
Per Minutes

Repeat after every 2 Hours End Time Till End of Day

Recurrence For More Than a Day
Do not Repeat

Conflicting Schedules
None

This event occurs every 2 hours starting from 7 PM to 12 AM on 03/01/2023.

Cancel Add

Add an event - recurring event

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/01/2023

Start Time* 07:00 PM Duration* 1 Hours Mins. All Day Event

Recurrence Within a Day
Per Minutes

Repeat after every 2 Hours End Time Till End of Day

Recurrence For More Than a Day
Daily

Repeat after every 1 Days

End Date* 04/27/2023

Conflicting Schedules
None

This event occurs every 2 hours from 7 PM to 12 AM daily from 03/01/2023 to 04/27/2023.

Cancel Add

Add an event - recurring event - weekly

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/01/2023

Start Time* 07:00 PM Duration* 1 Hours Mins. All Day Event

Recurrence Within a Day
Per Minutes

Repeat after every 2 Hours End Time Till End of Day

Recurrence For More Than a Day
Weekly

Repeat after every 1 Weeks

S M T **W** T F S

End Date* 04/27/2023

Conflicting Schedules
None

This event occurs every 2 hours from 7 PM to 12 AM on Wednesday from 03/01/2023 to 04/27/2023.

Cancel Add

Add an event - recurring event - monthly

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/02/2023

Start Time* 07:00 PM Duration* 1 Hours Mins. All Day Event

Recurrence Within a Day
Per Minutes

Repeat after every 2 Hours End Time Till End of Day

Recurrence For More Than a Day
Monthly

Repeat after every 1 Months

On the Day Frequency* 2nd Day X

On the Day Frequency* First Thursday X

End Date* 10/31/2023

Conflicting Schedules

Gandhi Jayanti	Indian Holidays	3 hrs
Overlapping Time(s)	7 PM - 8 PM	10/02/2023 1 hr
	9 PM - 10 PM	10/02/2023 1 hr
	11 PM - 12 AM	10/02/2023 1 hr

This event occurs every 2 hours from 7 PM to 12 AM on the 1st day of every month from 03/01/2023 to (End_Date).

Cancel Add

Add an event - recurring event - yearly

Add Event

Event Details

Name* Recurring Event 1

Time Zone To Follow* (UTC-05:00) Eastern Time (US & Canada)

Calendars When Overlap, Skips This Event
Indian Holidays X US Holidays X

Event Schedule

Start Date* 03/01/2023

Start Time* 07:00 PM Duration* 1 Hours Mins. All Day Event

Recurrence Within a Day
Per Minutes

Repeat after every 2 Hours End Time Till End of Day

Recurrence For More Than a Day
Yearly

Repeat after every 1 Years

On the Day Frequency* 1st Day X of Months* March X

On the Day Frequency* First Wednesday X of Months* March X

End Date* 03/01/2025

Conflicting Schedules
None

This event occurs every 2 hours from 7 PM to 12 AM on the 1st Day of March every year from 03/01/2023 to (End_Date).

Cancel Add

That's all Folks!