

# 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

**Motivations**

Motivation	Score
Automation	85%
Comfort	75%
Convenience	85%
Speed	85%
Innovation	85%

**Personality**

Personality Trait	Score	Opposite
Introvert	10%	Extrovert
Analytical	10%	Creative
Modern	10%	Orthodox
Passive	10%	Active
Technical	10%	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)

**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

**Motivations**

Motivation	Score
Manual Intervention	10%
Comfort	75%
Convenience	85%
Speed	85%
Action Clarity	85%

**Personality**

Personality Trait	Score	Opposite
Introvert	10%	Extrovert
Analytical	10%	Creative
Modern	10%	Orthodox
Passive	10%	Active
Technical	10%	Non-Technical

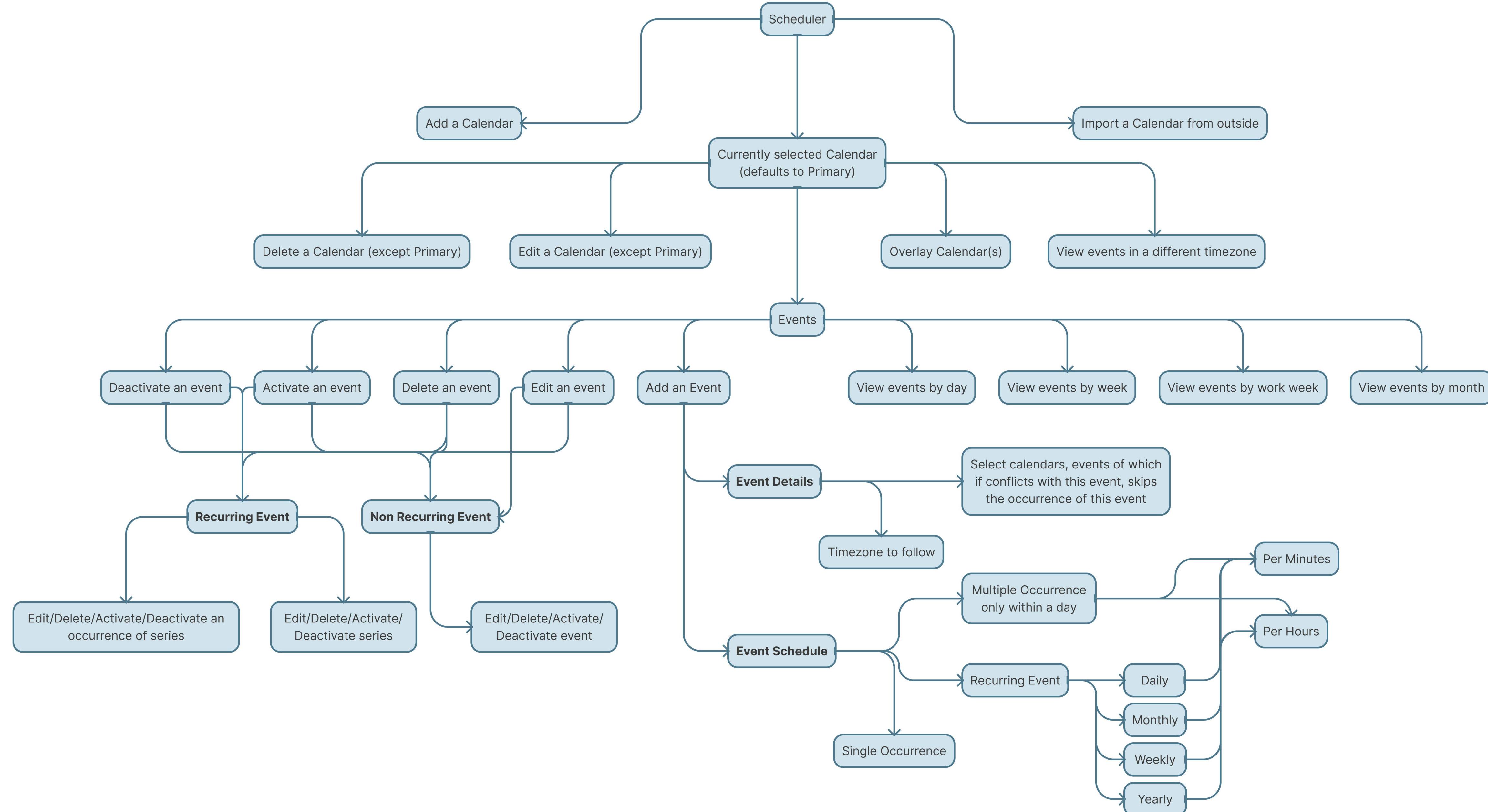
**Goals**

- 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)

**Frustrations**

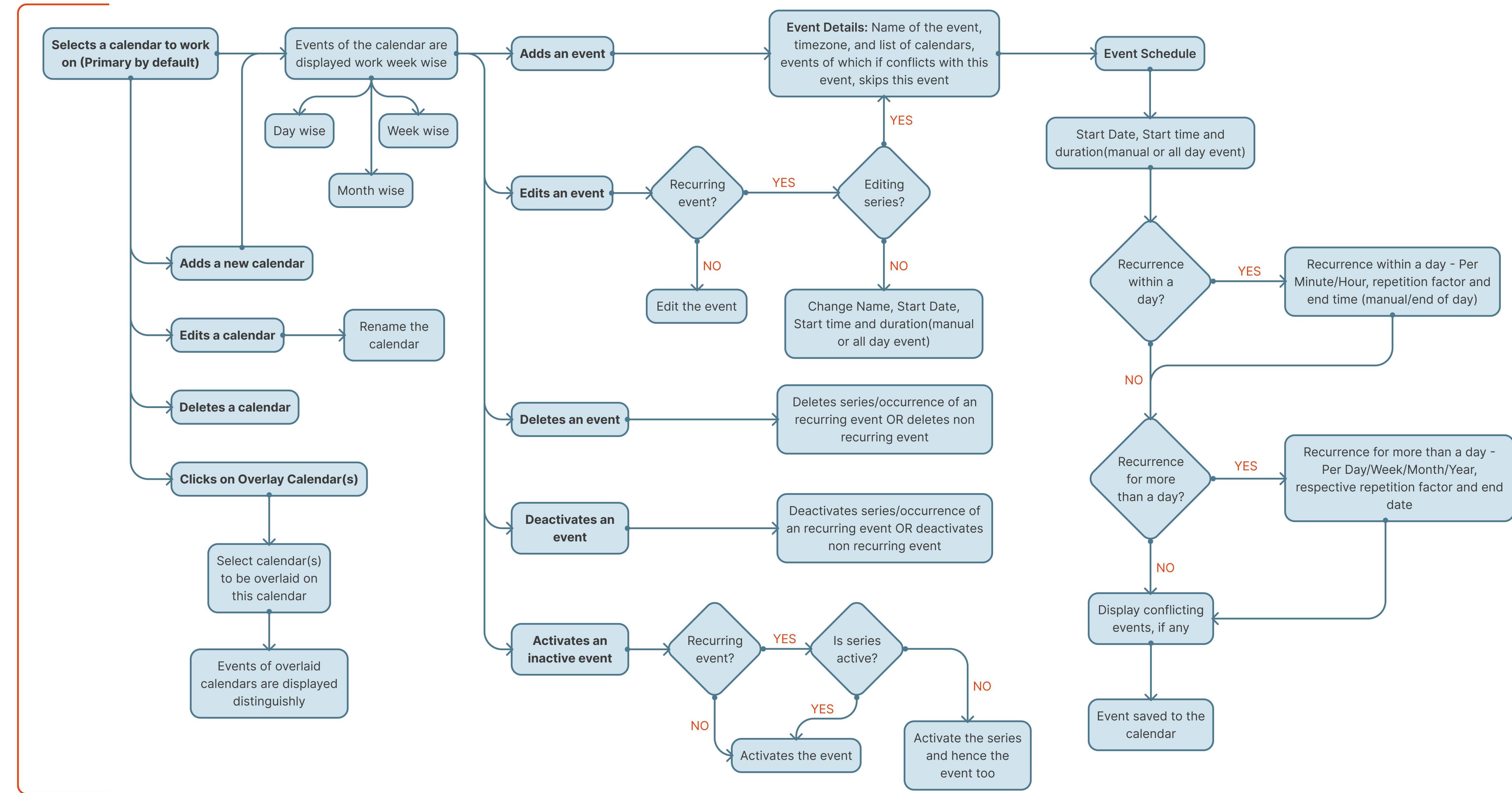
- Design inconsistencies throughout the application, catering to confusion
- No safeguards for any unintentional data modifications, which may have serious implications
- Managing different processes is difficult as each has its own communication platform
- Limited insights and no control over the flow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

# Sitemap - Scheduler



# Userflow - Scheduler

USER



# Wireframes - Scheduler

Work week view of a calendar

This wireframe shows a work week calendar view. The interface includes a header with 'Application Name', 'John Oliver', and 'ENV'. Below the header is a toolbar with icons for calendar, add, edit, delete, and search. The main area displays a 5x24 grid representing a work week. Events are represented by colored bars: green for non-recurring events and blue for recurring events. A tooltip for a recurring event provides details like start time (6:00 AM), duration (1 hr), and start date (1st March, 2023). Action buttons for deactivate, delete, and edit are located at the bottom of each event bar.

Month view of a calendar

This wireframe shows a month view calendar. The header includes 'Application Name', 'John Oliver', and 'ENV'. The toolbar has icons for calendar, add, edit, delete, and search. The main area is a 6x24 grid for the months of February, March, and April. Events are shown as colored bars. A specific event in March is highlighted with an orange border. A tooltip for this event shows details such as start time (11:00 AM), duration (1 hr), and start date (1st March, 2023). Action buttons for deactivate, delete, and edit are also present.

A calendar being overlaid on the current calendar

This wireframe illustrates a feature where a calendar is overlaid on another. The header shows 'Application Name', 'John Oliver', and 'ENV'. The toolbar includes calendar, add, edit, delete, and search. The main area is a 5x24 grid for the week of March 6-10. A blue vertical bar overlays the grid, representing an Indian Holiday. Events are shown as colored bars. A tooltip for an event in the overlayed area shows details like start time (12:00 PM), duration (1 hr), and start date (1st March, 2023). Action buttons for deactivate, delete, and edit are visible.

## Categorization of events

Recurring Event  
John Oliver

Recurring Event - Running  
John Oliver

Non Recurring Event  
John Oliver

Recurring Event - Overlayed  
John Oliver

Recurring Event - Inactive  
John Oliver

## 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...

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...

# 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 within 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

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

**Conflicting Schedules**  
None

**Cancel** **Add**

Add an event - recurring event

**Add Event**

**Event Details**

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

Start Date\* 04/01/2023

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

**Conflicting Schedules**  
None

**Cancel** **Add**

Add an event - recurring event - weekly

**Add Event**

**Event Details**

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

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

**Conflicting Schedules**  
None

**Cancel** **Add**

Add an event - recurring event - monthly

**Add Event**

**Event Details**

Gandhi Jayanti Indian Holidays

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

**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

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}.

**Conflicting Schedules**

**Cancel** **Add**

Add an event - recurring event - yearly

**Add Event**

**Event Details**

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

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}.

**Conflicting Schedules**  
None

**Cancel** **Add**

**That's all Folks!**