

IAT 351 Milestone 2:

Notebook Calendar

To8

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1 - TASK ANALYSIS

The style of interaction for our system is user-specific with a top-down approach as we want to focus on the questions:

- How will the user achieve a goal within our system with the least amount of actions but also provide alternative paths to accommodate different types of people? (Procedural analysis)
- What subgoals are needed for the user to achieve their overall goal? (High-level task analysis)
- How can we make the conceptual model similar to the user's mental model so that it is easy to learn and remember?

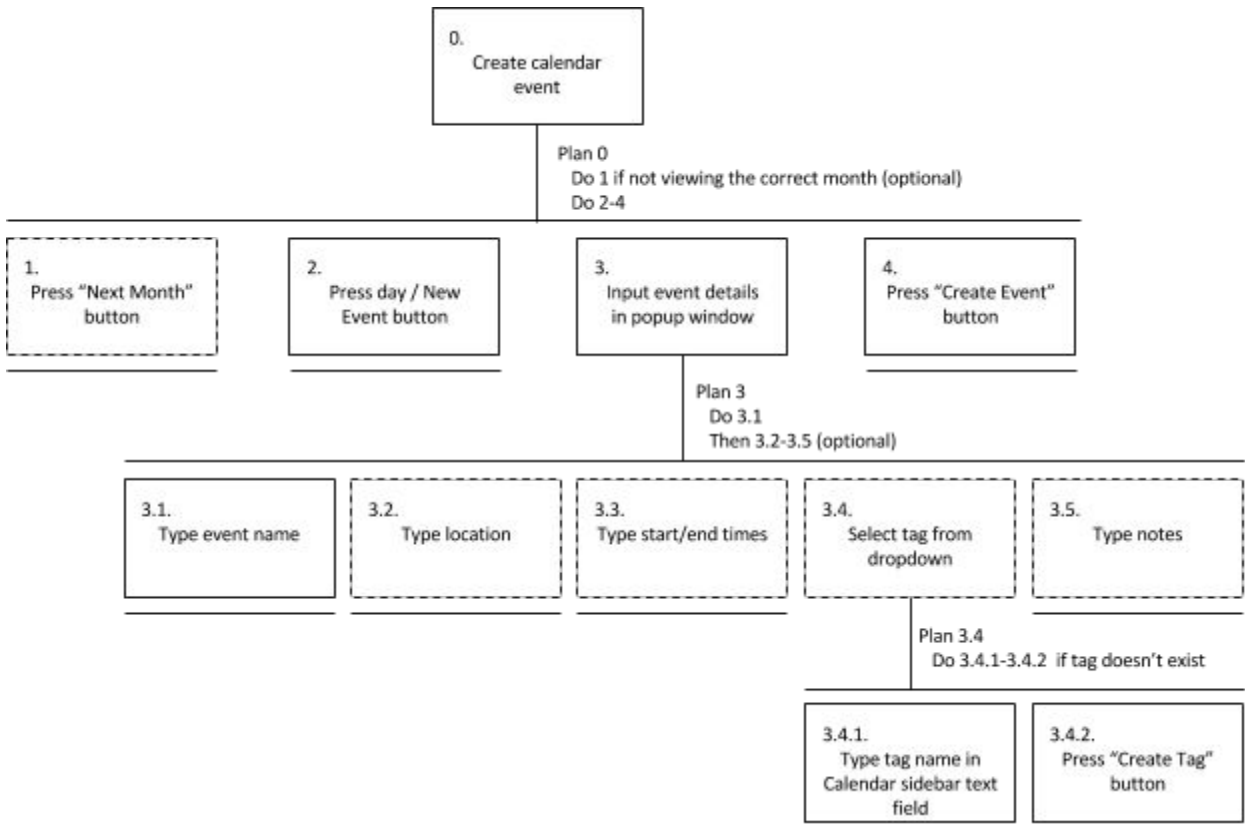
General task questions::

- **Why would someone choose to use this product?** To provide more convenience and efficiency of productivity and screen real estate.
- **What do users know and what are their environments?** They know how to use calendar and notebook apps as separate entities for educational use and their environments are usually laptops, sometimes desktop computers (Windows/Mac).
- **What metaphors are familiar to users?** Real-life calendars (shows the months of the year and allows the user to write event information on it) and notebooks (that use tabs to organize sections of pages the user can write in).
- **What do users know about interface conventions?** Users know there is usually a top or side menu panel that contains all the functions to use in the main content panel. This menu can contain several different kinds of elements including combo boxes, buttons, checkboxes, and so on.

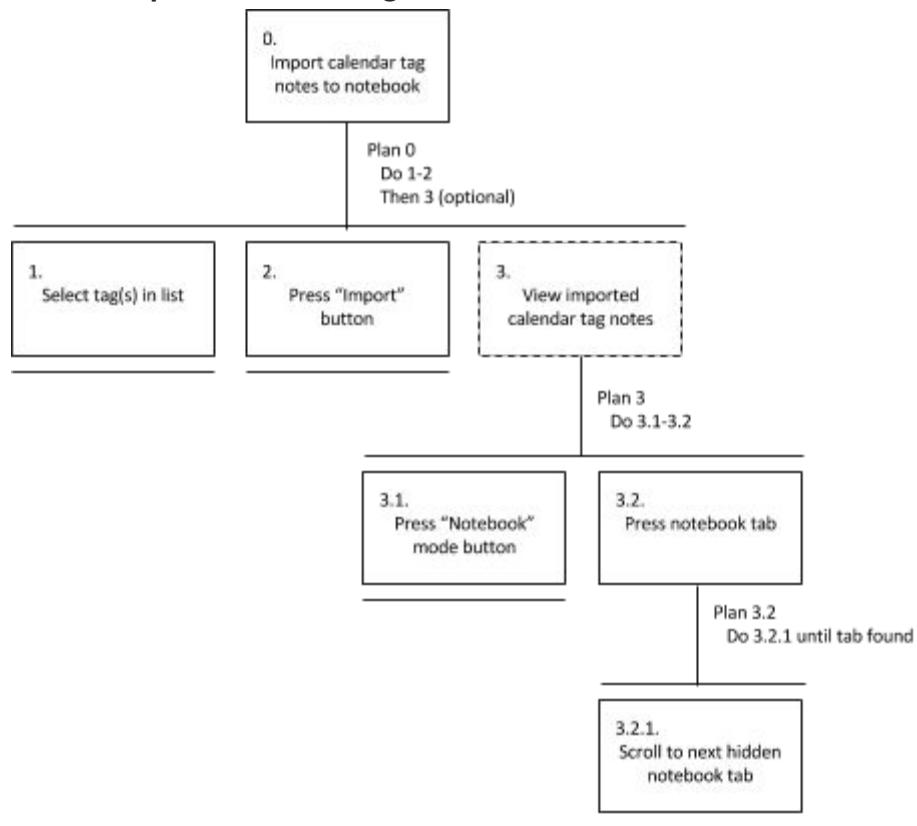
We chose the four tasks below because they are routinely done or require many steps:

1. Create a calendar event
2. Import calendar tag notes to notebook
3. Type notes in notebook
4. View all of a tag's calendar events simultaneously

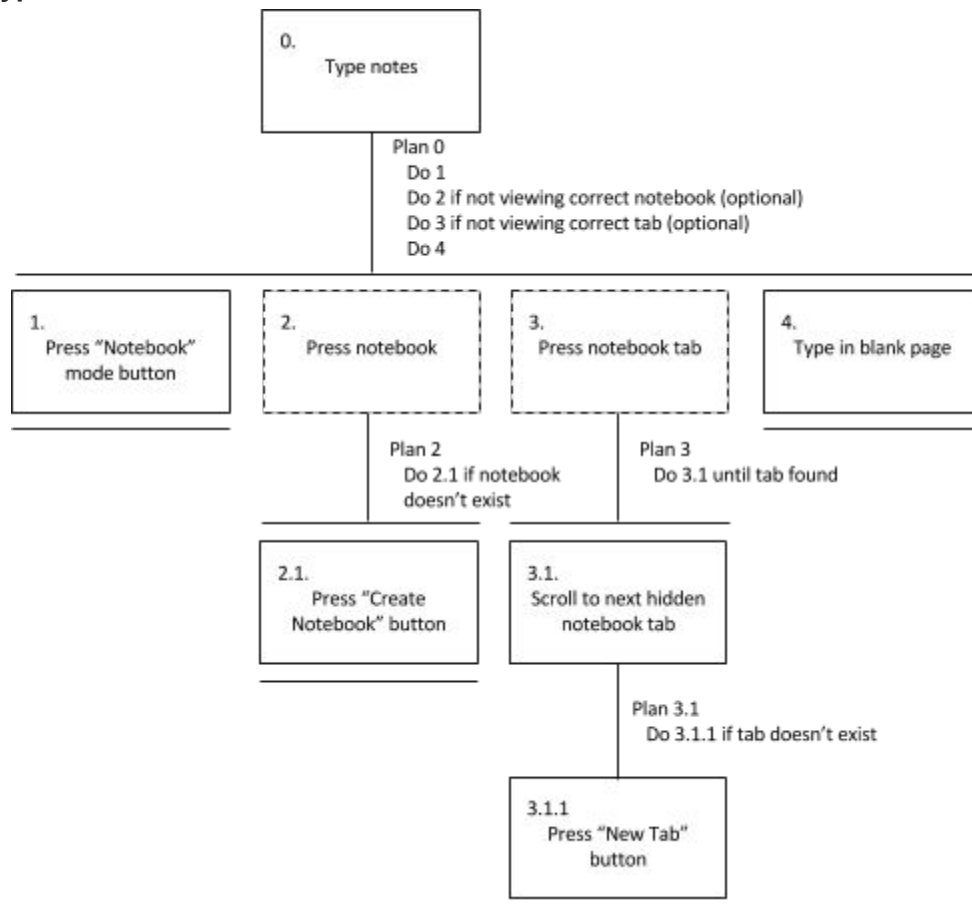
Task 1: Create calendar event



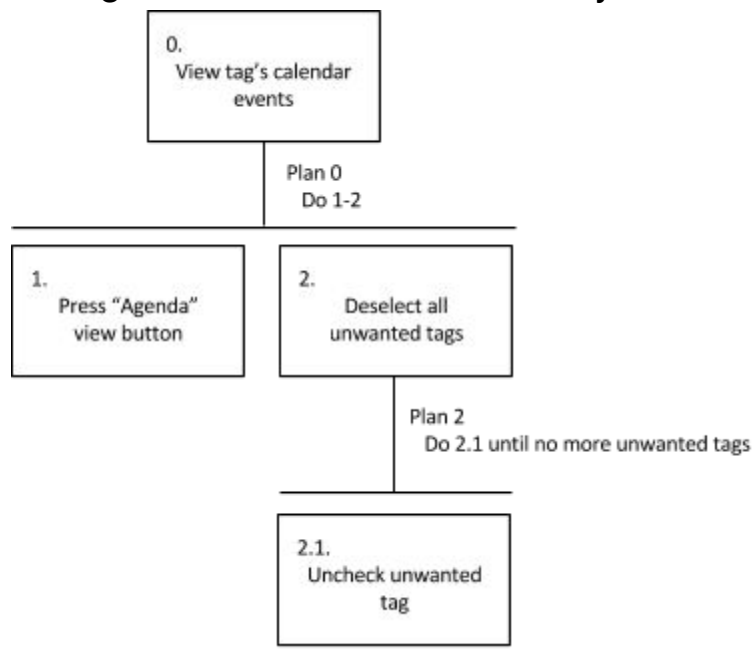
Task 2: Import calendar tag notes to notebook



Task 3: Type notes in notebook



Task 4: View all of a tag's calendar events simultaneously



2 - SCENARIOS

Scenario 1: Create a calendar event

Rebecca, a busy high school student, needs to arrange a meeting with her 4-member school project team to discuss what project tasks to do for the rest of the week. She sends an email to her teammates to ask when they can all meet at school that week. She receives her teammates' email replies with their availabilities and opens up the notebook calendar app on her laptop. She makes sure she is not busy on the day that her teammates want to meet by looking at the calendar month view and checking for existing events on that day. Then, she creates an event in the calendar.

Scenario 2: Import calendar tag notes to notebook

Jonathan, an organized third-year college student, needs an easy way to transfer his IAT 351 calendar event notes to his digital notebook in the notebook calendar app on his laptop so that he conveniently view all his IAT 351 notes at once and save time by avoiding retyping or copy and pasting the notes.

Scenario 3: Type notes

Linda, a diligent second-year student just starting history class, wants to begin taking notes on her history textbook so that she can gradually accumulate and organize important information from it and study it later on to prepare for the midterm in two months. Using the notebook calendar app on her laptop, she creates a notebook for her history course and types up her notes.

Calendar Mode > Month View

Logo

Calendar Notebook

New Event

Tags

- ☐ IAT351
- ☐ Birthdays
- ☐ Work

CreateTags Import Tags

NoteBook/Calendar

< > October 2015

Month Agenda Today

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
27	28	29	30	1	2	3	
4	5	6	7	8	9	10	
11	12	13	<div> <div>Event</div> <div>Time</div> <div>Location</div> <div>Tag</div> <div>Notes</div> <div>Create</div> </div>			16	17
18	19	20				24	ETL Conf Har Cent. 10 am - 4:00pm Work
25	26	27				31	

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Notebook Mode

Logo

NoteBook/Calendar

Calendar

Notebook

Create Notebook

Notebooks

IAT351

IAT201

Shopping List

Tags

☒ IAT351

☐ Birthdays

☐ Work

Arial12B / UColor

Tags: IAT351

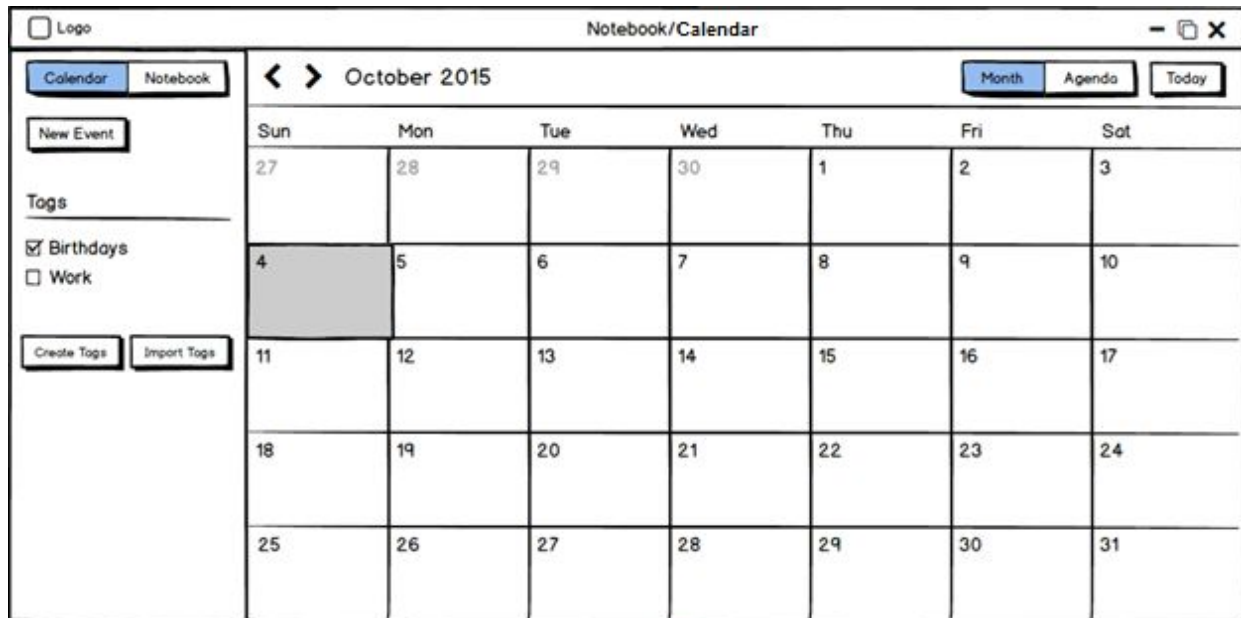
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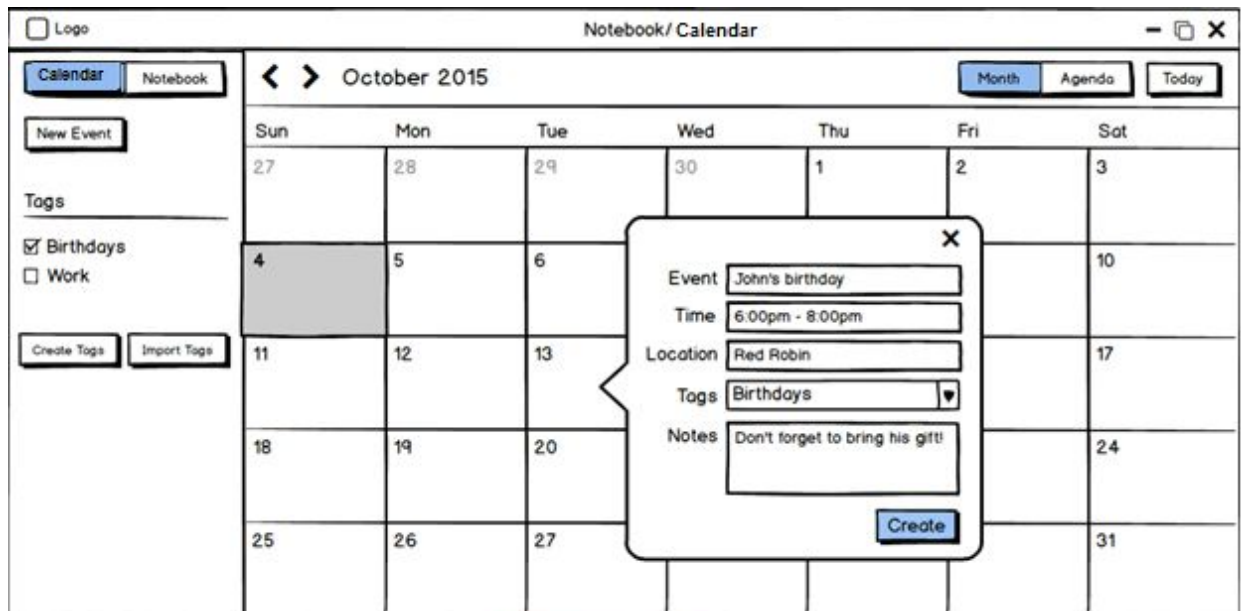
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4 - STORYBOARDS

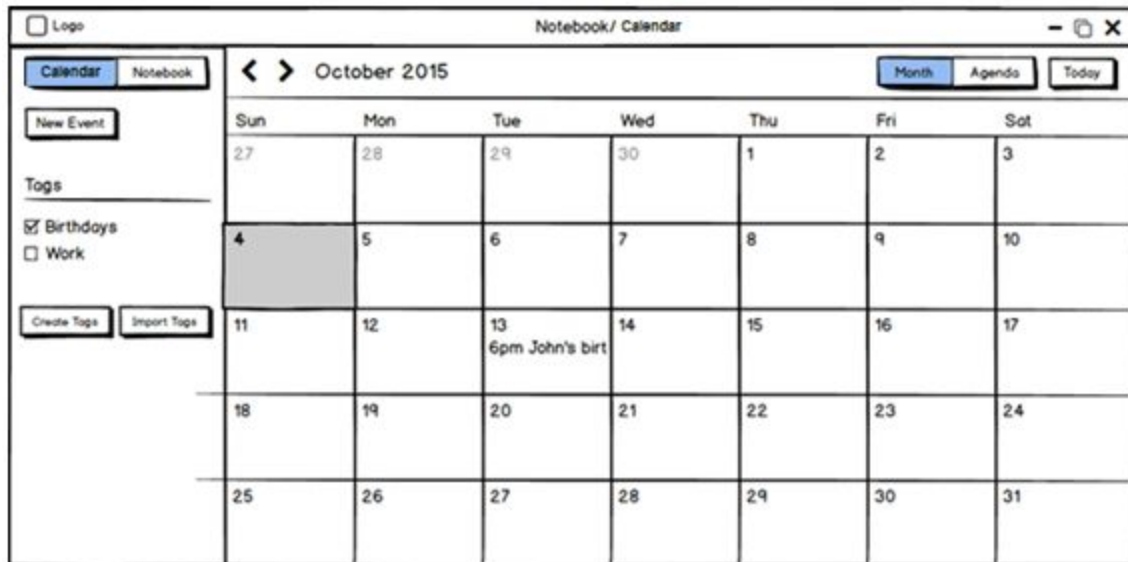
Storyboard 1: Create a calendar event



1) Default view after opening application.

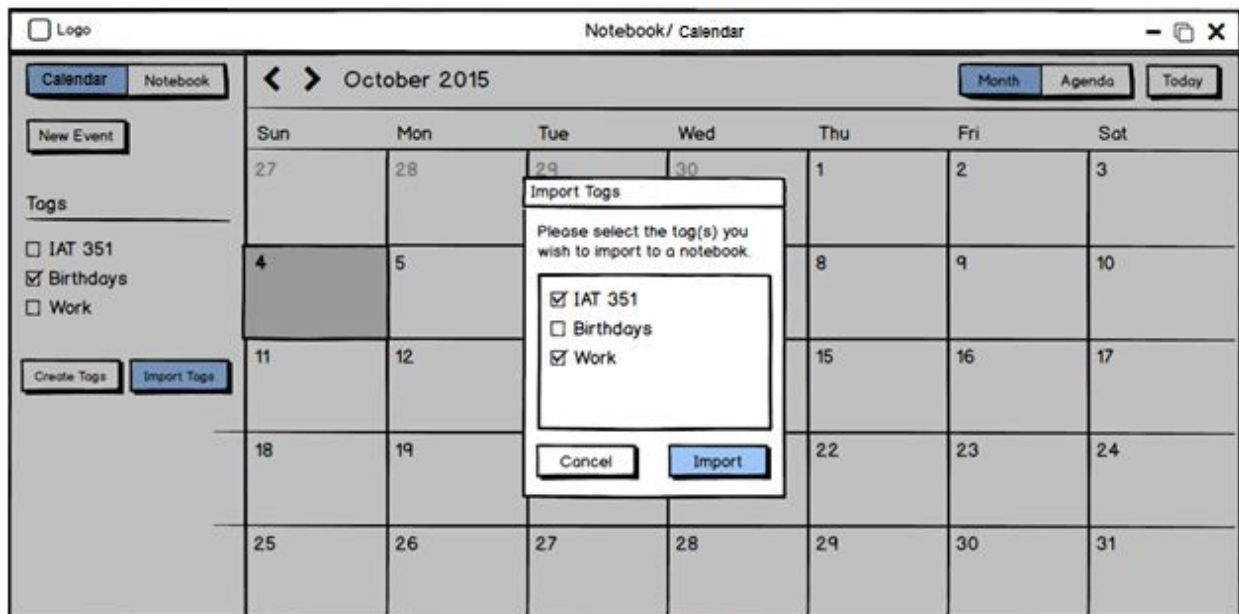


2) Press calendar day (or New Event button in side panel) and type information in event popup, then press "Create" button.

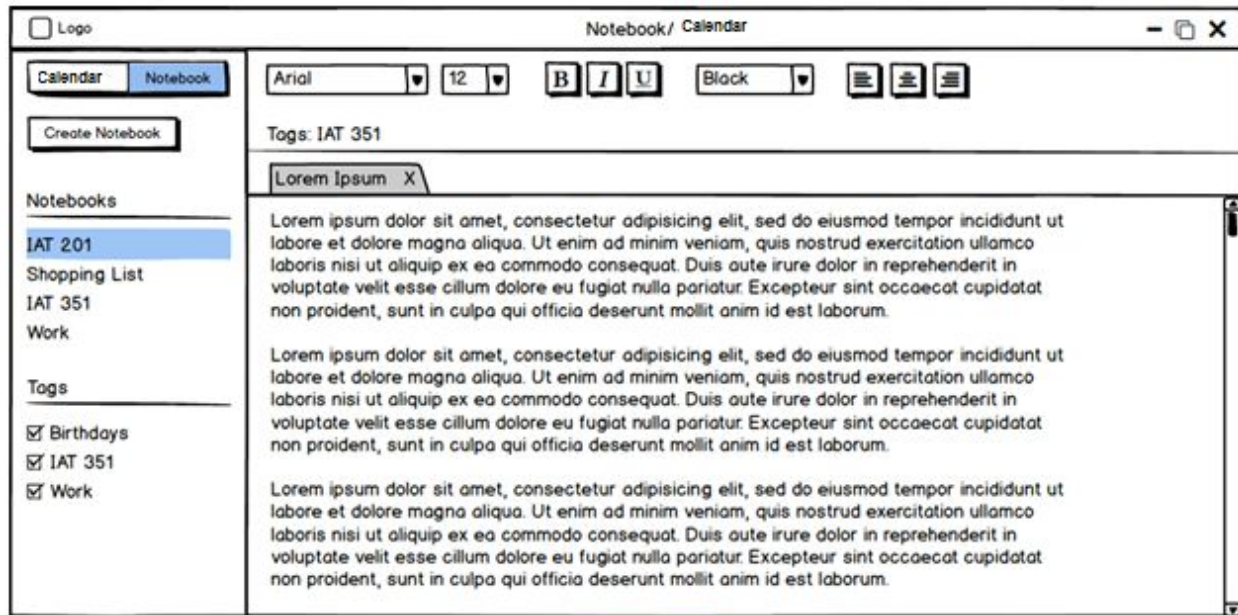


3) Event created after "Create Event" button in event popup pressed.

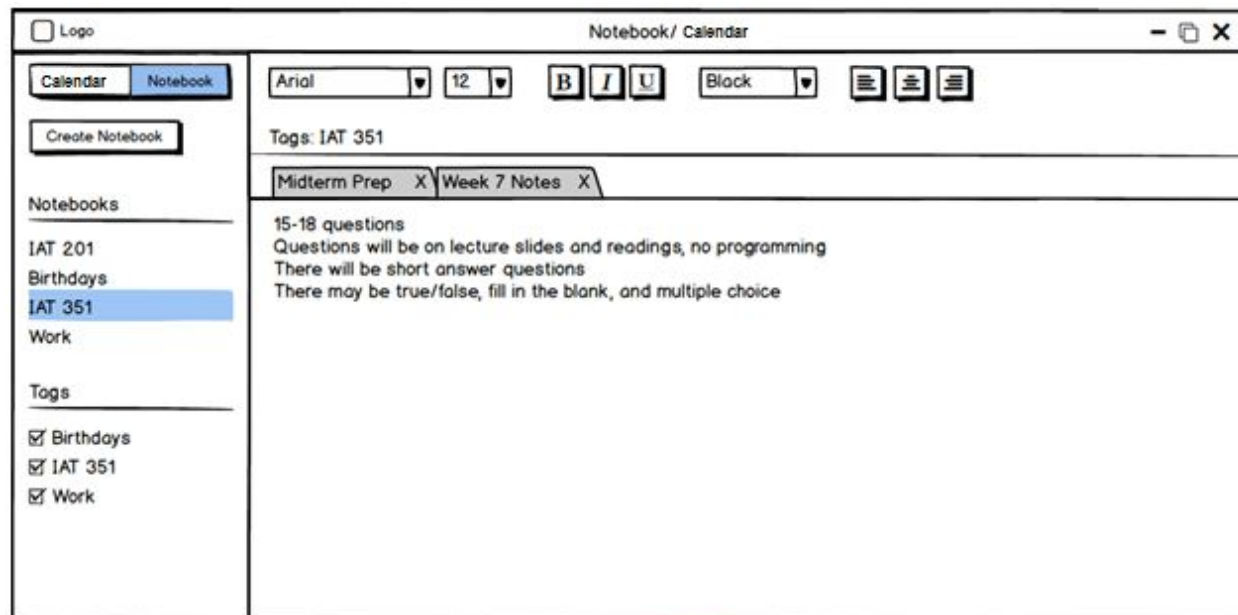
Storyboard 2: Import calendar tag notes to notebook



1) Press "Import Tags" then select the tag(s) to import to a notebook. Then press "Import" button.

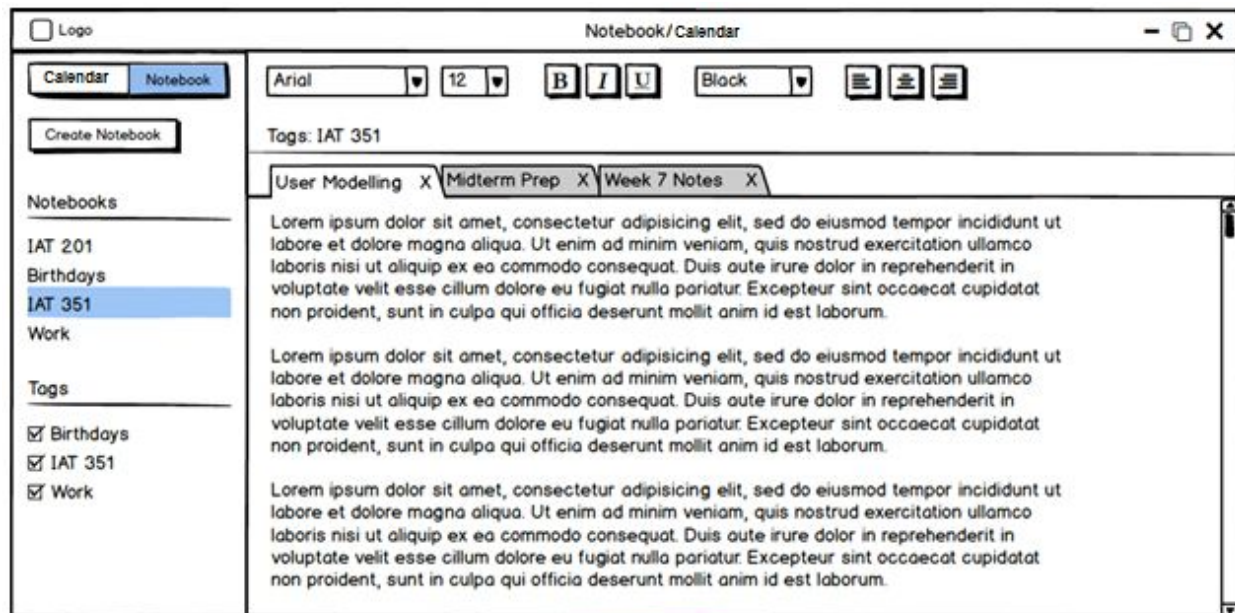


2) Press "Notebook" button in side panel to display notebook view.

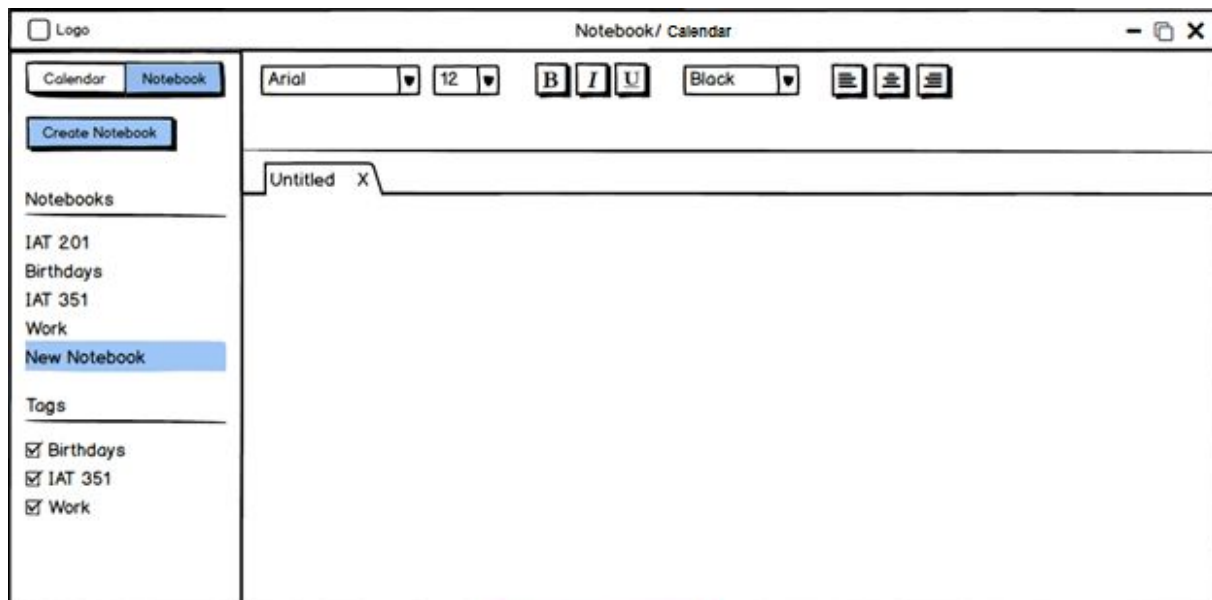


3) Press 'IAT 351' notebook in side panel to view imported tagged events as a new notebook with separate tabbed pages.

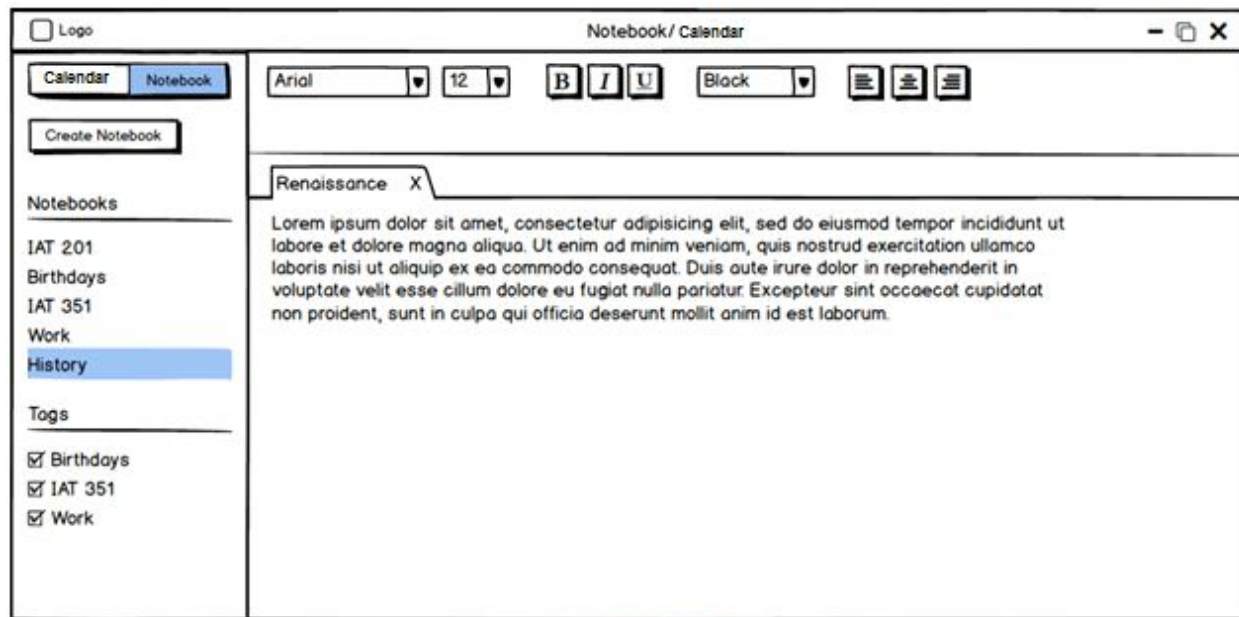
Storyboard 3: Type Notes



1) Press Notebook button in side panel (to switch from default Calendar view).



2) Press "Create Notebook" button to create a new notebook and tabbed page.



3) Type notes in new notebook's blank page. Optional: Rename notebook and tab.