

exCal User Stories

Sprint Backlog Items

Project: AI Calendar Extension | Version 1.67

User Story 1

US-001: Quick Event Creation from Selected Text (8 Story Points)	
As a	busy professional
I want to	highlight event details on any webpage and instantly create a calendar entry
So that	I can save time and avoid manually copying dates, times, and event names into my calendar
Priority	High
Sprint	Sprint 1
Requirements	FE-02, FE-03, BE-01, BE-02, BE-06

Acceptance Criteria

- ☐ Given I am on any webpage with event information, when I highlight text containing a date/time and open the extension, then the AI extracts and displays the event details in editable fields
- ☐ Given the selected text contains 'Meeting on December 25, 2024 at 3pm', when processed, then the date field shows '2024-12-25' and time field shows '15:00'
- ☐ Given the selected text uses relative dates like 'next Tuesday', when processed, then the system correctly calculates the actual date
- ☐ Given no year is specified in the text, when processed, then the system assumes the next occurrence of that date
- ☐ Given German date formats (e.g., '5. März um 10 Uhr'), when processed, then the system correctly parses to ISO format

User Story 2

US-002: Multi-Platform Calendar Export (5 Story Points)	
As a	user with multiple calendar applications
I want to	export detected events to Google Calendar, Outlook, or Apple Calendar
So that	I can use the extension regardless of which calendar service I prefer
Priority	High
Sprint	Sprint 2
Requirements	FE-04, BE-04, NFR-05

Acceptance Criteria

- ☐ Given I have created an event, when I click 'Add to Calendar', then a Google Calendar pre-filled event page opens in a new tab
- ☐ Given I have created an event, when I click 'Add to Calendar', then an .ics file is automatically downloaded
- ☐ Given the event title contains special characters (e.g., '&', '<', quotes), when exported, then all characters are properly URL-encoded for Google Calendar and escaped for ICS
- ☐ Given an ICS file is downloaded, when opened in Outlook or Apple Calendar, then the event imports correctly with all fields populated
- ☐ Given the event has a description with the source URL, when exported, then the URL appears in the event notes/description field

User Story 3

US-003: Persistent Draft Recovery (3 Story Points)	
As a	user who may accidentally close the extension popup
I want to	have my in-progress event automatically saved and restored
So that	I don't lose my work if I click away or need to switch tabs temporarily
Priority	Medium
Sprint	Sprint 1
Requirements	FE-01, TC-019, TC-022

Acceptance Criteria

- ☐ Given I have an event displayed in the popup, when I close the popup and reopen within 5 minutes, then all fields are restored to their previous state
- ☐ Given I edit the title or time fields manually, when I type, then changes are saved to localStorage immediately (on each keystroke)
- ☐ Given I successfully add an event to my calendar, when complete, then the draft is cleared from localStorage
- ☐ Given my draft is older than 5 minutes, when I reopen the popup, then a fresh scan of the current page is performed instead
- ☐ Given the popup is closed mid-API-request, when reopened, then the result is displayed once the request completes

User Story 4

US-004: Graceful Error Handling & Feedback (5 Story Points)	
As a	user on a page with ambiguous or missing event data
I want to	receive clear feedback about what went wrong and what I can do
So that	I understand why an event couldn't be created and can take corrective action
Priority	High
Sprint	Sprint 2
Requirements	FE-05, BE-03, NFR-04, TC-011, TC-014, TC-015, TC-016

Acceptance Criteria

- ☐ Given I open the extension on an empty page, when processed, then I see the error message 'No content found on page' (not a technical error)
- ☐ Given the selected text has no recognizable date, when processed, then I see 'Could not find a date in the selected text'
- ☐ Given the n8n backend is unavailable or times out, when the request fails, then I see 'Server unavailable. Please try again.' with a retry button
- ☐ Given the AI returns invalid JSON, when the backend retries once and still fails, then sensible defaults are returned (title from page, today's date)
- ☐ Given any API call is in progress, when waiting, then a loading spinner with 'Analyzing selection...' text is displayed
- ☐ Given an event is successfully added, when complete, then a green checkmark with 'Event Added!' confirmation is shown

Story Point Summary

ID	Story	Points	Sprint
US-001	Quick Event Creation from Selected Text	8	1
US-002	Multi-Platform Calendar Export	5	2
US-003	Persistent Draft Recovery	3	1

ID	Story	Points	Sprint
US-004	Graceful Error Handling & Feedback	5	2
Total:		21	

Sprint 1 Velocity: 11 points (US-001 + US-003)

Sprint 2 Velocity: 10 points (US-002 + US-004)

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