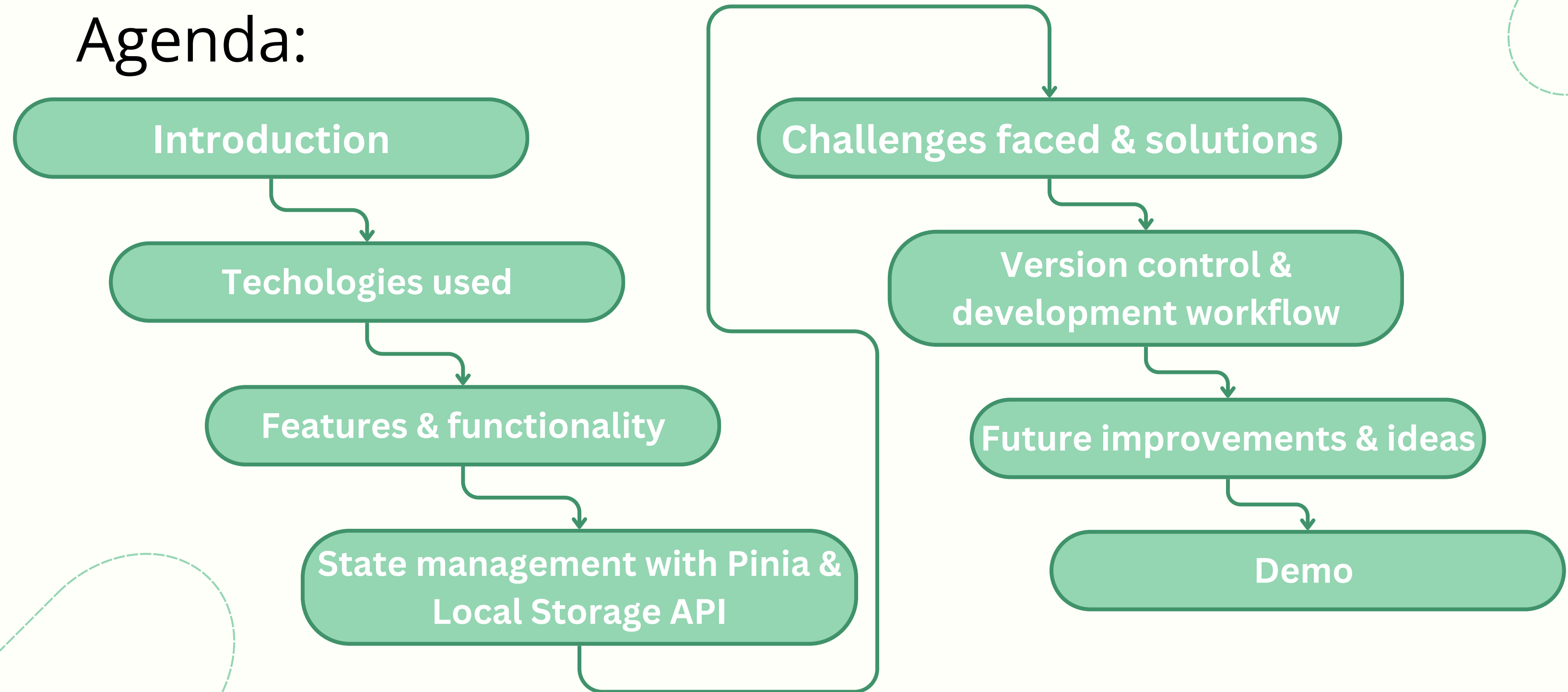




CALENDEX

Unified Calendar

Agenda:



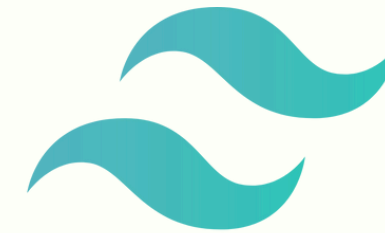
Introduction

- Managing multiple calendars from different sources may be challenging, as there's no easy way to merge ICS-based calendars without third-party cloud services.
- Calendex solves this by providing a lightweight frontend application that imports ICS files and displays all events in one view.
- Unlike cloud solutions, it processes and stores data locally, ensuring privacy and independence.

Technologies used

- Vue.js – Frontend Framework
- Tailwind CSS – Styling Framework
- ShadCN Vue – UI Components
- Git - Version Control

(and chatGPT)



Tailwind CSS



git

CALENDEX



Application features and functionality

- Importing calendars
- Calendar dashboard
- Event overview

Faced challenges & solutions

- CORS restrictions
- Parsing ICS files and displaying events
- Time zone differences

State management with Pinia & localStorage

- This project uses Pinia to manage calendar state, ensuring consistency across components.
- LocalStorage is used to persist calendar data, maintaining user selections across sessions.
- Users can select calendars via checkboxes, dynamically filtering events in real-time.
- This approach ensures a seamless experience, keeping data synchronized and accessible even after reloads.

Version control & development workflow

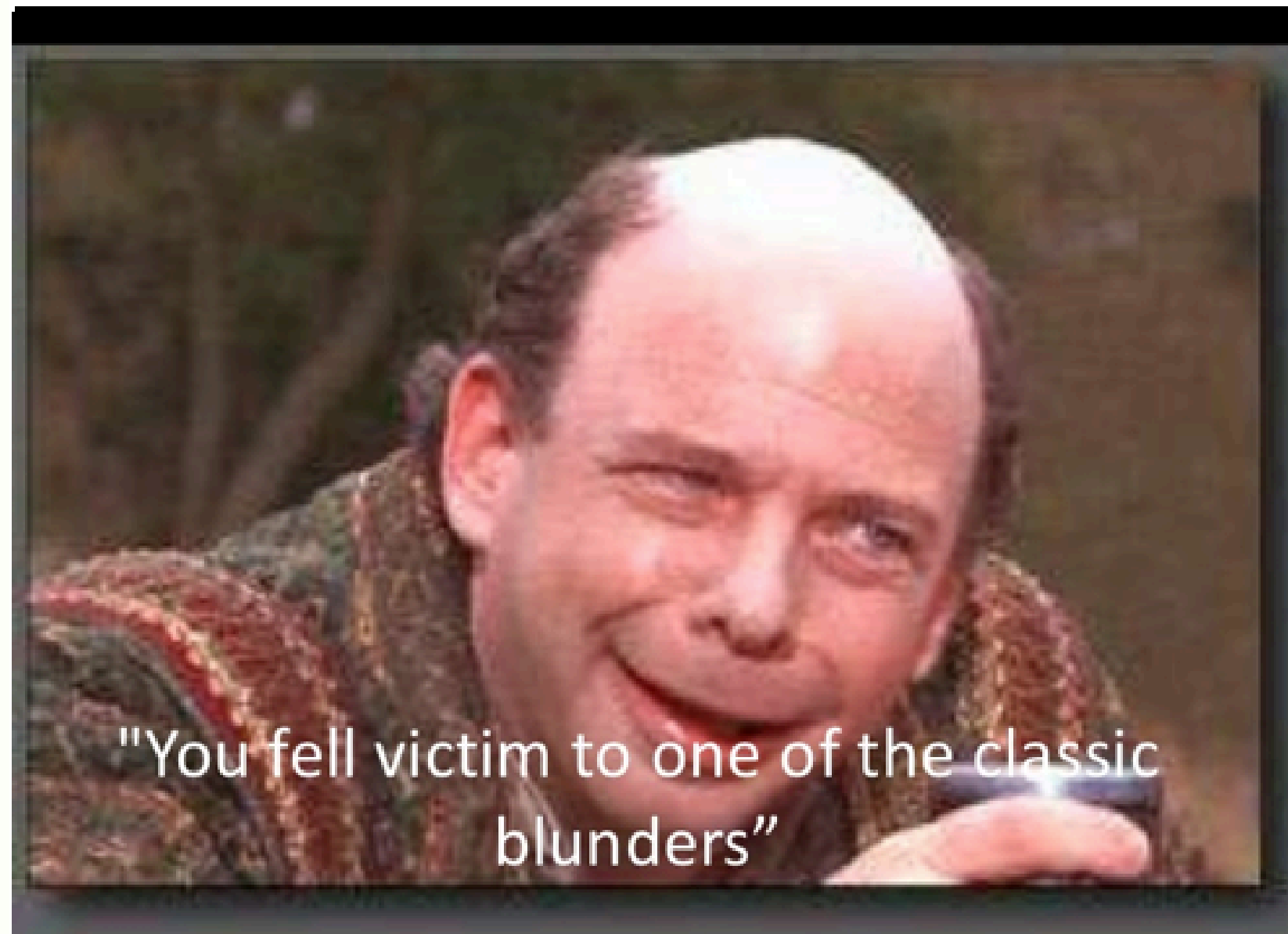
- For Calendex, we used a single-branch workflow on GitHub to keep development simple and avoid conflicts, ensuring all changes were immediately available.
- Close communication allowed us to commit frequently, test updates immediately, and maintain a stable codebase without complex merges.

Future improvements & ideas

- Improved mobile responsiveness
- Superior search
- User authentication
- Calendar view modes
- Different appearance on mobile devices
- Theme modes
- Event reminders
- Event creation and management
- Guides for applications

IT'S DEMO TIME!

Me: watch my live demo
My computer:



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February 2025

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 Calendar

 Agenda

- ▼ CALENDARS 
-  Finki Akademi



Calendar

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10 February - 16 February, 2025

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13 Thursday

14 Friday

15 Saturday

16 Sunday

Januarska ispitna sesija

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 Calendar

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- ▼ CALENDARS 
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 Finki Akademski

⋮
- ☒

 Prof. Boban Joksimoski

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Calendar

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10 February - 16 February, 2025

>

10 Monday

11 Tuesday

12 Wednesday

13 Thursday

14 Friday

15 Saturday

16 Sunday

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консултации во живо (канцеларија Ф14) и on-line (link).


Пожелно е пријавување на сервисот: <https://consultations.finki.ukim.mk/>


consultations in office (office Ф14) and on-line (link).

It is advisable to register your presence on: <https://consultations.finki.ukim.mk/>

Close

Консултации / Consultations

 Канцеларија Ф14 / Office Ф14

 Tuesday, Feb 11, 2025 10:00 AM - 11:30 AM

This event takes place one time only

Close

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February 2025

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 Calendar


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-  Finki Akademski


-  Prof. Boban Joksimoski












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Calendar name


Calendar color



Calendar type

 Google

 Outlook

 Apple

Import method

Use ICS URL

Use ICS file

Calendar ICS URL

[Need help finding it?](#)

Cancel

Save



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- Fri

Calendar
- Agenda

CALENDARS

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Finki Akademski

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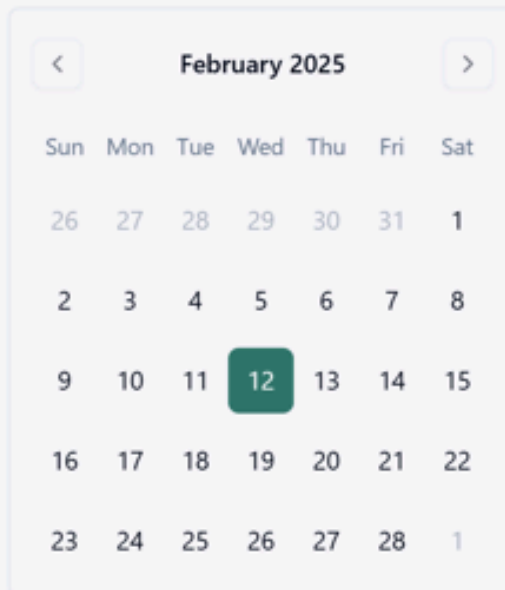
Prof. Boban Joksimoski


:


Agenda

Calendar Name	Summary	Location	Scheduled Time ↓	Duration
<div></div> Prof. Boban Joksimoski	Консултации / Consultations	Канцеларија Ф14 / Office Ф14	Tuesday, Jan 21, 2025, 11:00 AM	2 hours
<div></div> Finki Akademski	Јануарска испитна сесија	No location	Monday, Jan 20, 2025, 12:00 AM	26 days
<div></div> Finki Akademski	Неработен ден	No location	Sunday, Jan 19, 2025, 12:00 AM	1 day
<div></div> Prof. Boban Joksimoski	Консултации (on-line)	No location	Thursday, Jan 16, 2025, 12:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	НВД 2 кол	No location	Thursday, Jan 16, 2025, 02:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	Делење проекти НВД	No location	Thursday, Jan 16, 2025, 04:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	Дружба	No location	Tuesday, Jan 14, 2025, 12:00 PM	1 hour
<div></div> Prof. Boban Joksimoski	СП 2 кол	No location	Monday, Jan 13, 2025, 08:30 AM	2 hours, 30 minutes
<div></div> Prof. Boban Joksimoski	Консултации (канц + on-line)	No location	Monday, Jan 13, 2025, 11:30 AM	2 hours
<div></div> Finki Akademski	Втор колоквиум- зимски	No location	Saturday, Jan 11, 2025, 12:00 AM	8 days
<div></div> Prof. Boban Joksimoski	Консултации (online)	No location	Friday, Jan 10, 2025, 11:00 AM	1 hour
<div></div> Prof. Boban Joksimoski	НВД	No location	Friday, Jan 10, 2025, 12:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	Д (п)	No location	Friday, Jan 10, 2025, 02:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	Состанок МКЧН	No location	Friday, Jan 10, 2025, 04:00 PM	2 hours
<div></div> Prof. Boban Joksimoski	Дипломска Иван	No location	Wednesday, Jan 8, 2025, 12:00 PM	1 hour
<div></div> Finki Akademski	Неработен ден	No location	Monday, Jan 6, 2025, 12:00 AM	2 days
<div></div> Finki Akademski	Пријавување на испити	No location	Thursday, Jan 2, 2025, 12:00 AM	17 days
<div></div> Finki Akademski	Неработен ден	No location	Wednesday, Jan 1, 2025, 12:00 AM	1 day
<div></div> Prof. Boban Joksimoski	Дипломска	No location	Monday, Dec 30, 2024, 11:00 AM	2 hours
<div></div> Prof. Boban Joksimoski	Консултации (on-line)	No location	Thursday, Dec 26, 2024, 11:00 AM	2 hours





 Calendar

 Agenda


▼ CALENDARS



☒ Finki Akademski

☒ Prof. Boban Joksimoski

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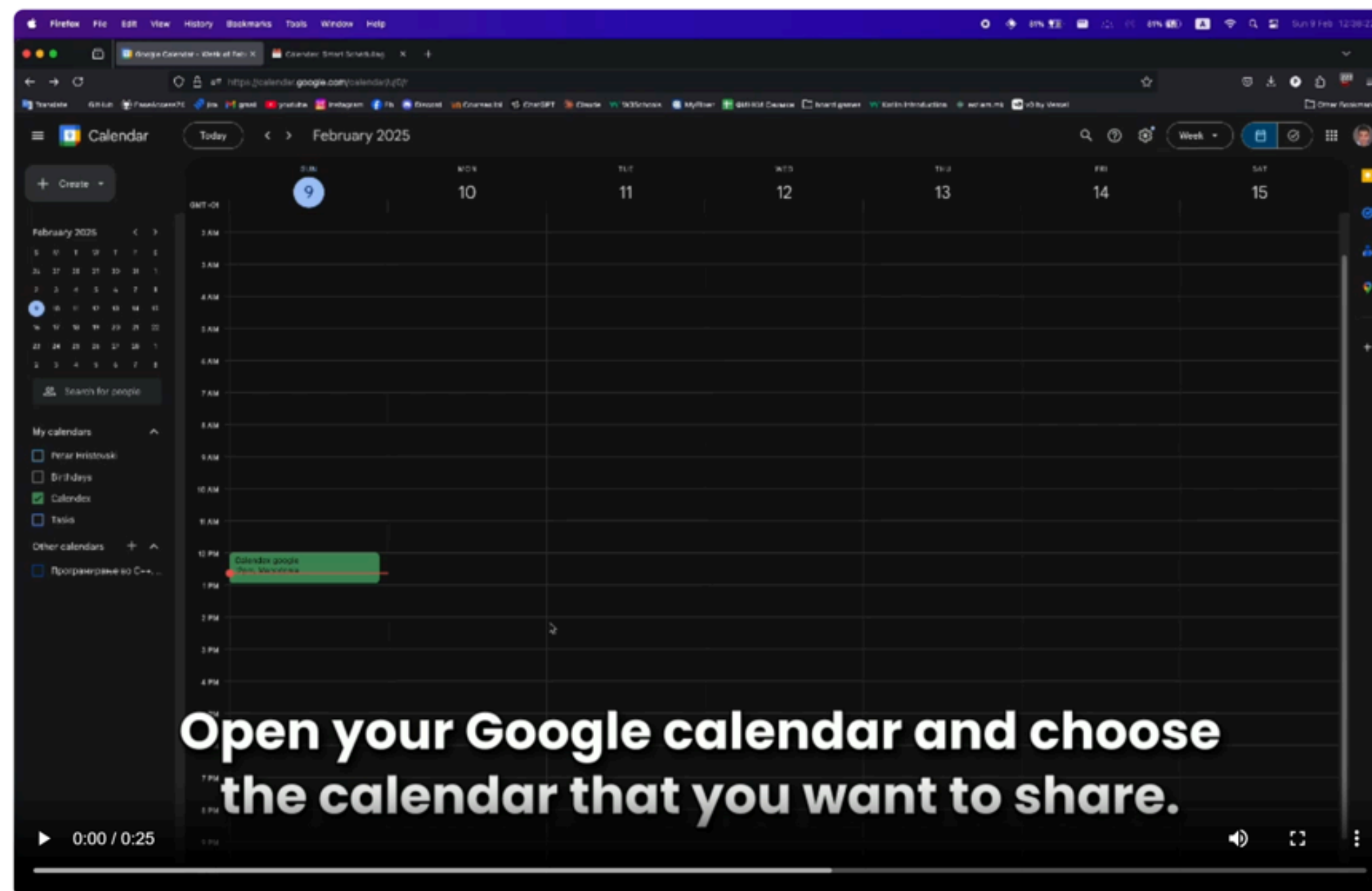
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Google

Outlook


Apple




Open your Google calendar and choose
the calendar that you want to share.

< February 2025 >

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 Calendar

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- ☒ Finki Akademski
- ☒ Prof. Boban Joksimoski
- ☒ Daniel

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Frequently Asked Questions

What is an ICS file? ▼

How do I find my calendar ICS file? ▼

Can I share my calendar with others? ▼

What applications support ICS files? ▼

How do I create an ICS file? ▼

Are ICS files compatible across different platforms? ▼

What information is stored in an ICS file? ▼

Dali aplikacijata vredi za site poeni? ▼



Thank you, questions? (please don't)

