

TAU – Interview

Scheduling App

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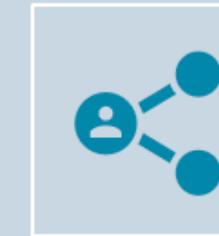
Țacu Darius-Ştefan

Grupa 231

Ideea proiectului(backlog)



As an Organizer,
I want to create a new interview round so
that I can coordinate a batch of interviews
in one place.



As a Candidate,
I want to receive a “magic-link” email so
that I can securely open the interview round
and share my availability.



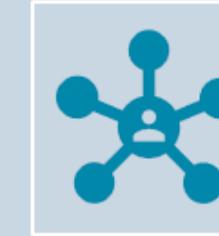
As an Organizer,
I want to invite interviewers and candidates
by email so that everyone has one-click
access to the scheduling calendar.



As a Participant (interviewer or candidate),
I want to mark all the time-slots I’m available
on the shared calendar so that the system
can match me based on overlapping
availability.



As an Interviewer,
I want to receive a “magic-link” email so
that I can securely open the interview round
and share my availability.



As a Participant (interviewer or candidate),
I want to receive a notification email with
my assigned interview(s) and scheduled
time(s) so that I know exactly when and with
whom my interview will be.

Arhitectura

Frontend Technologies:

- React: User Interface

- Shadcn UI: UI Components

- Tailwind CSS: Utility Styling

Backend Technologies:

- Node.js: JS Runtime

- Better-auth: Auth Framework

- Resend: Email Service

- Google Calendar API: Calendar Integration

- SQLite: Embedded Database

Architectural & Supporting Technologies:

- Turborepo + pnpm workspaces: Monorepo Management

- TypeScript: Static Typing

- Tanstack Start: Full-stack Framework

Hosting:

- Fly.io (hosting, preview deployments)

- Turso (database)



Aspecte tehnice interesante

- Monorepo: all in one place, increases development speed
- Magic Link: no accounts required to access the application
- Deployment Preview: enable live demo on pull requests
- Server Functions: simplified REST API

Ce mai avem de implementat

Mail service

3rd party calendar
synchronisation

Unit testing

Create a functional workflow

Quality of life improvements



A close-up photograph of two hands shaking, symbolizing gratitude. The hands are positioned in the center of the frame, with one hand slightly larger than the other. They are set against a soft, out-of-focus background of light blue and white, suggesting a professional or positive environment.

Vă
mulțumim!