



Transforming Chaos Into Coordinated Bliss

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Advisors: Samuel Silva, Bernardo Marques, Daniel Ferreira

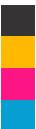
MILESTONE 4

DETI - PI - Team 3 - 2024



Context

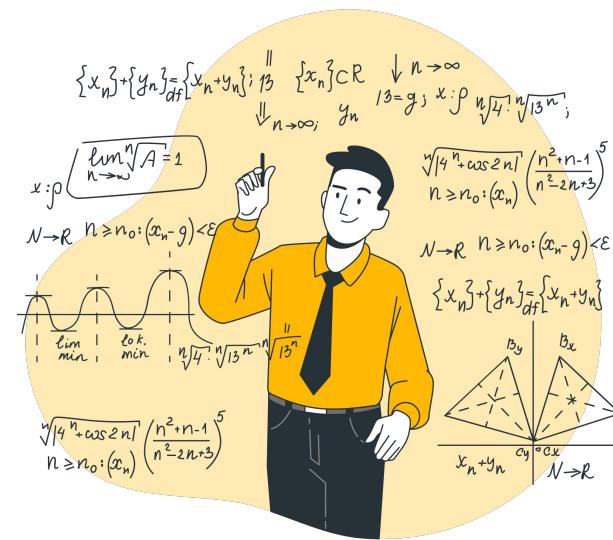
ΣTIMewise is a smart calendar manager designed to simplify the process of managing your schedule, making it easier to plan your week and keep track of your appointments, tasks and goals, alongside an easier way to schedule meetings between multiple people.



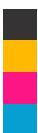
Actors



Students



Teachers





Use Cases

Schedule a meeting with
two or more people

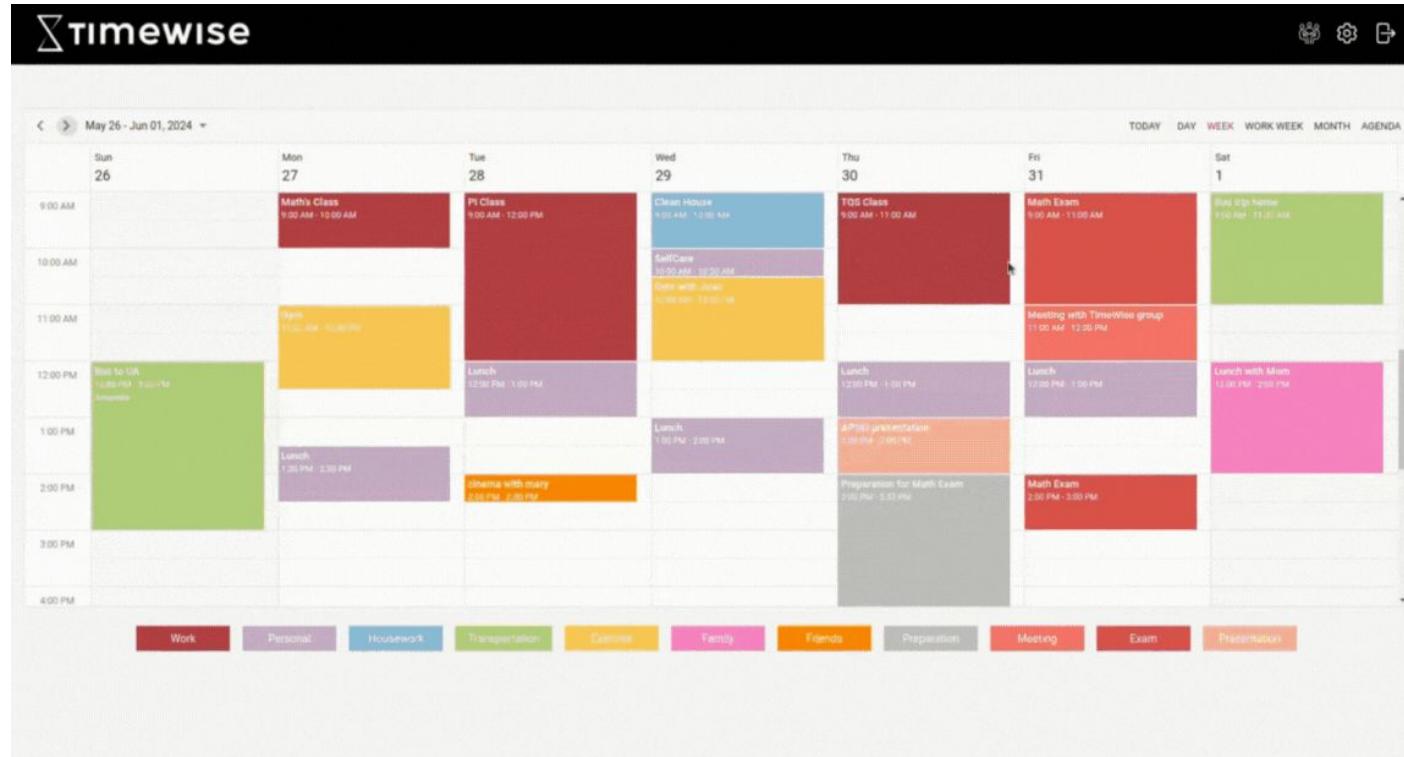
Define weekly hours for
each event category

Schedule an event and
preparation time

Set work/rest hours



Schedule a meeting with two or more people





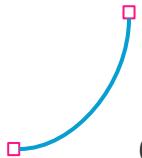
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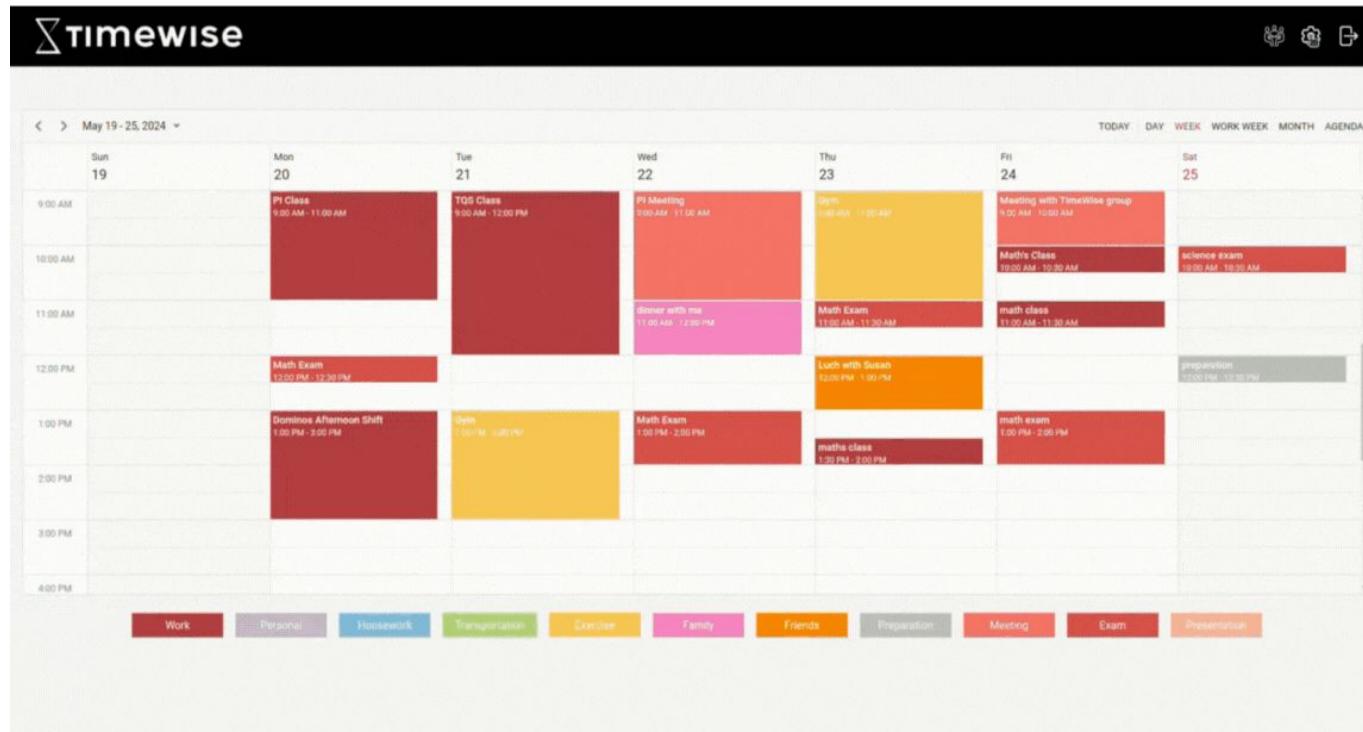
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Define weekly hours for each event category



Use Cases

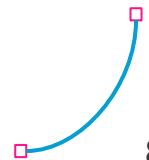


Schedule a meeting with
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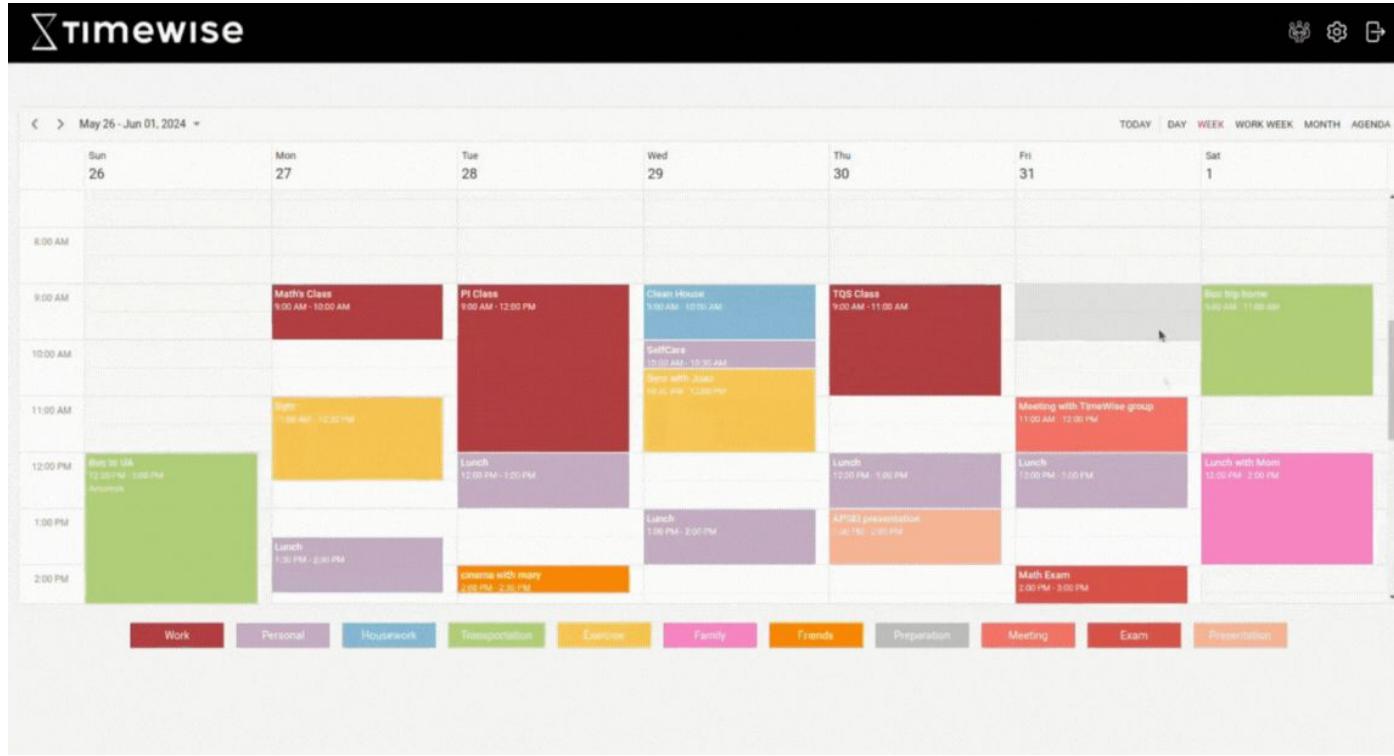
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Schedule an event and preparation time





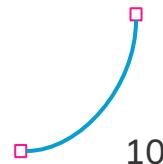
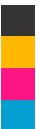
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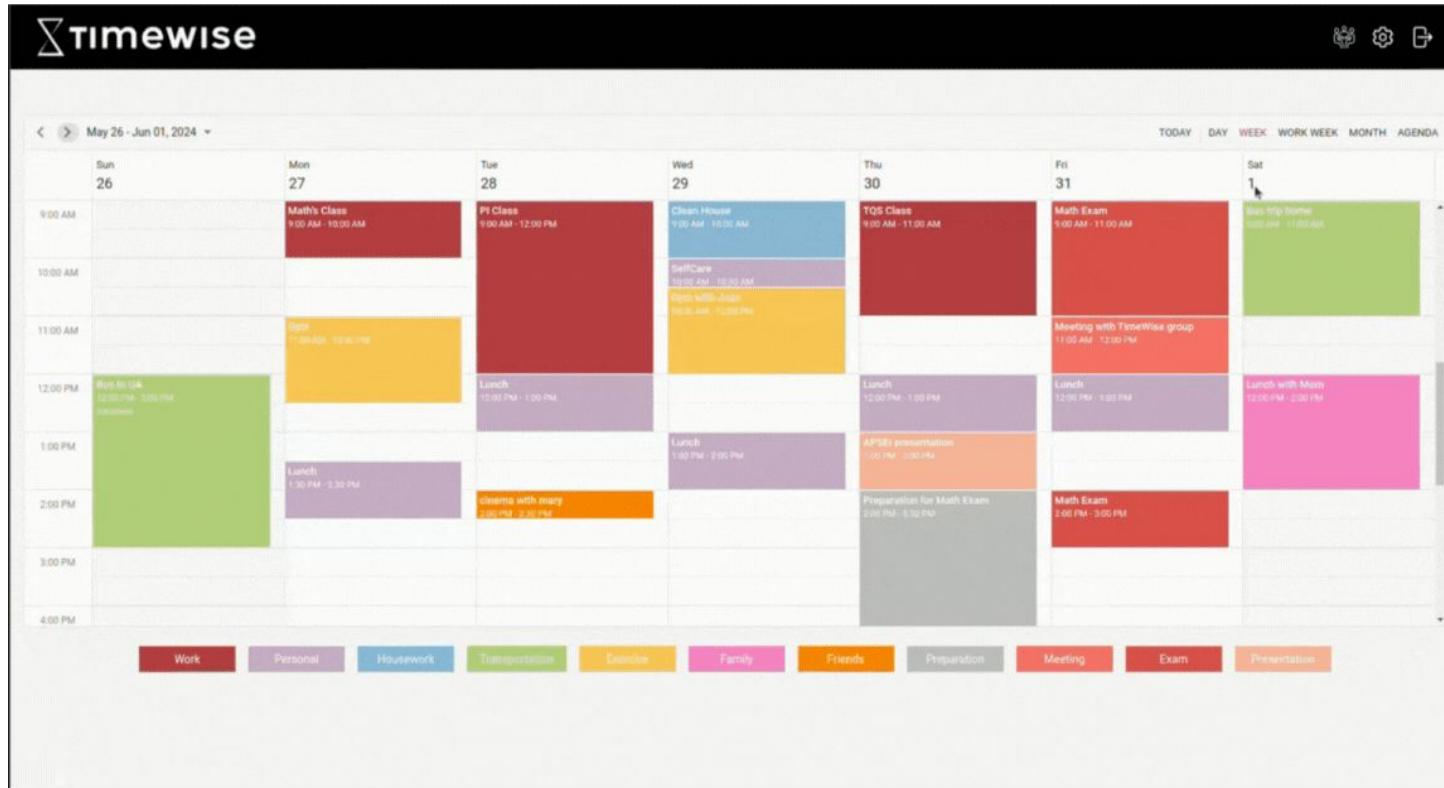
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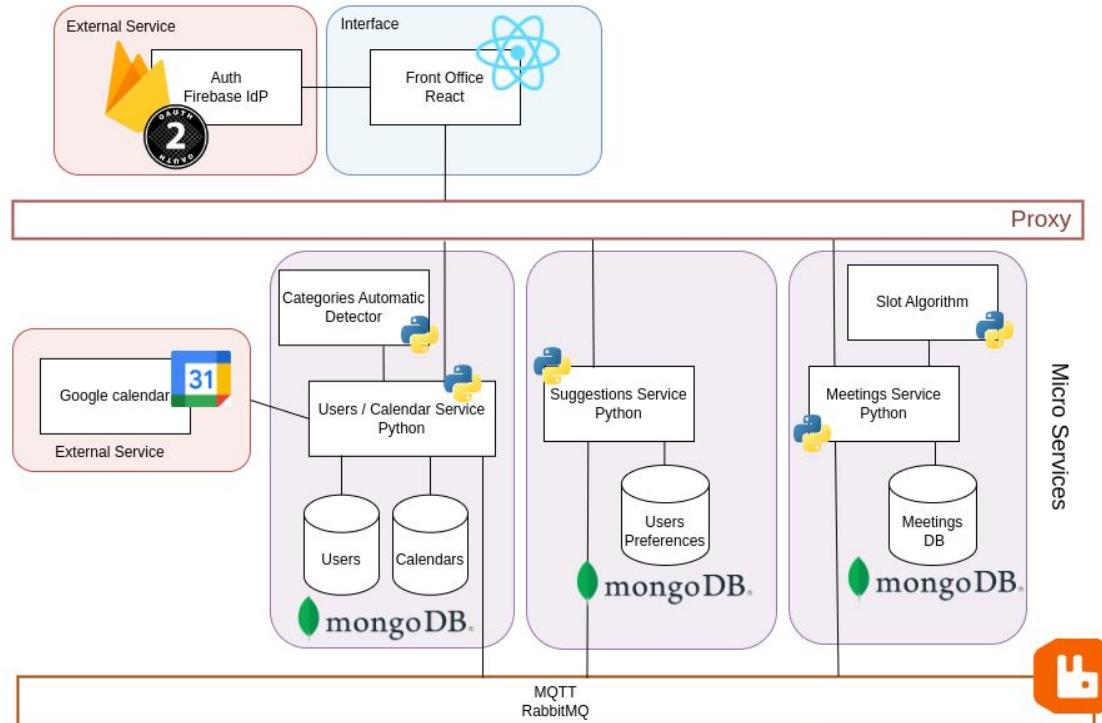


State of art

App	Scheduling events	Scheduling automation	Reminders	Customization	Schedule meetings between people	Smart Scheduling
Google Calendar	✓	✗	✓	✗	✗	✗
Notion	✗	✗	✗	✓	✗	✗
Doodle	✓	✗	✗	✗	✓	✗
Calendar.Ai	✓	✓	✓	✓	✓	✗
Google Keep	✗	✗	✓	✓	✗	✗

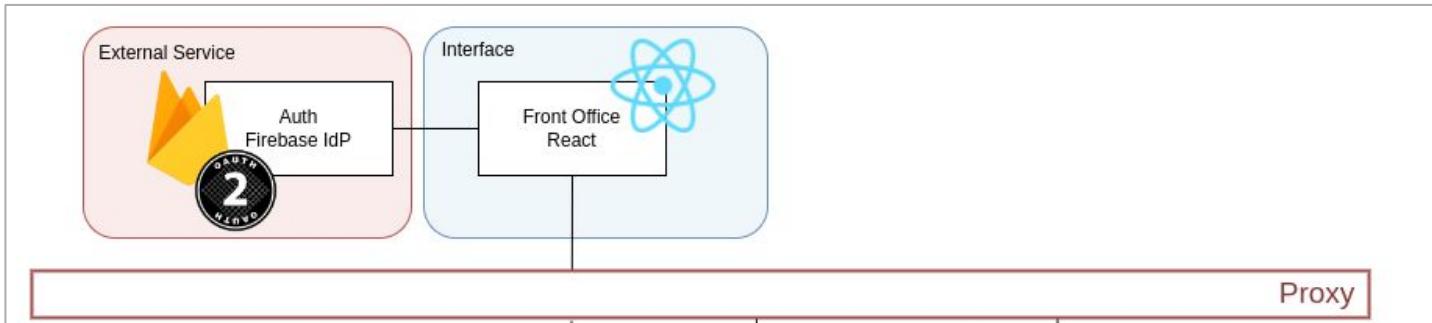


Architecture

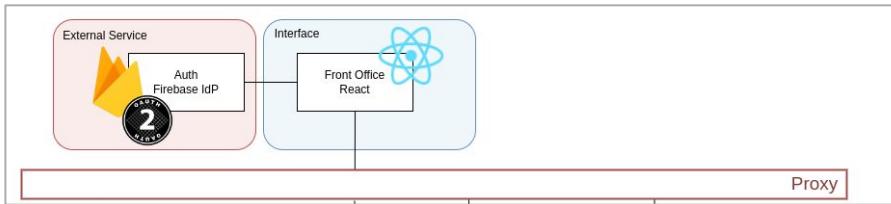




Frontend + API



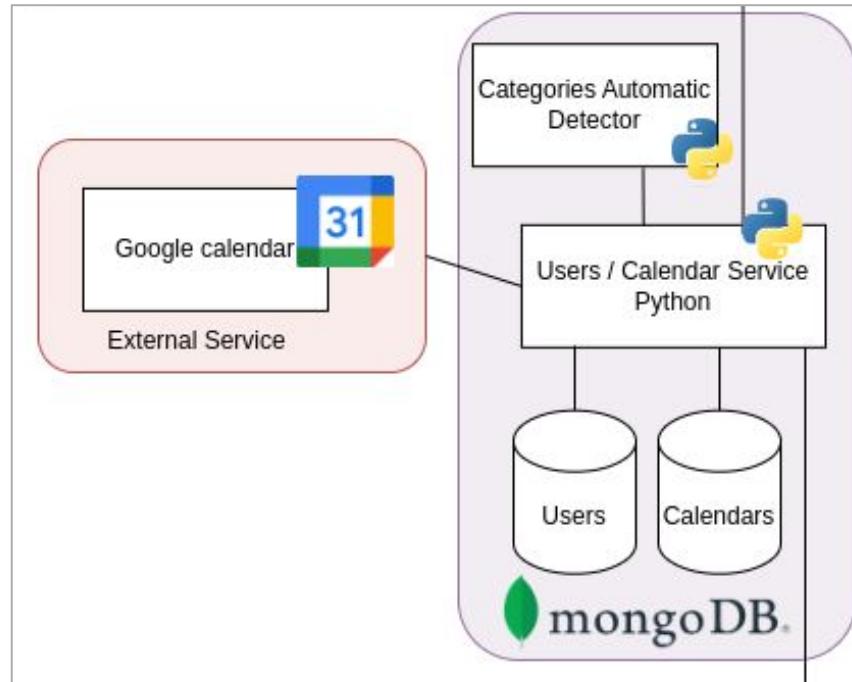
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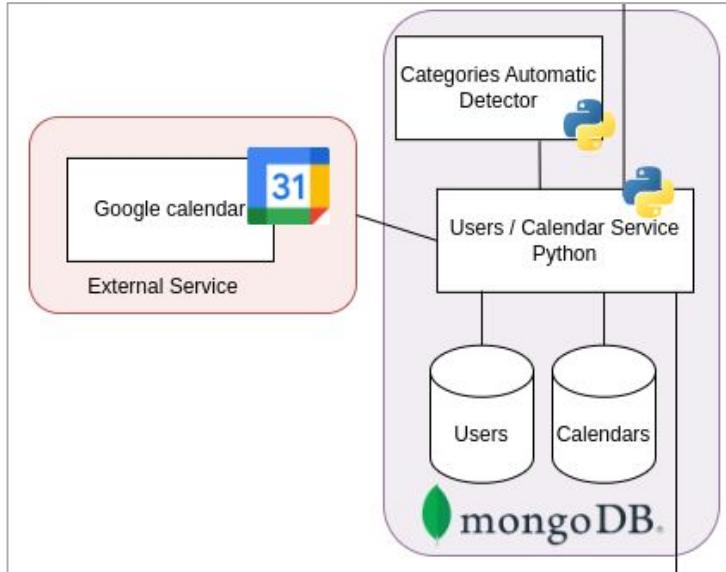
- **Interaction with the user**
- **Authentication with Firebase IDP**
- **Communication between interface and services**



User/Calendar Service

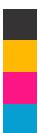
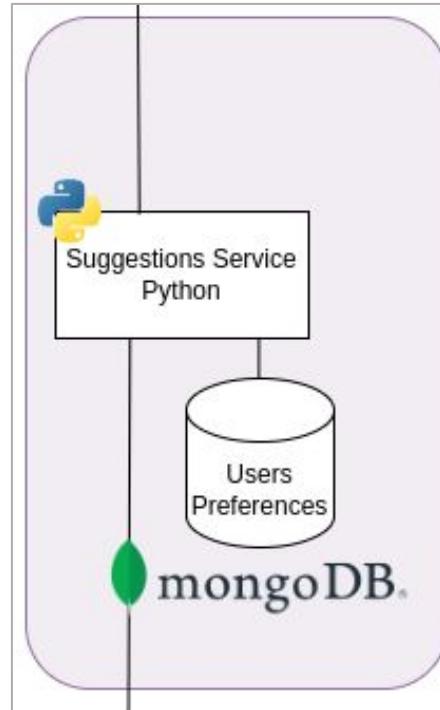


User/Calendar Service

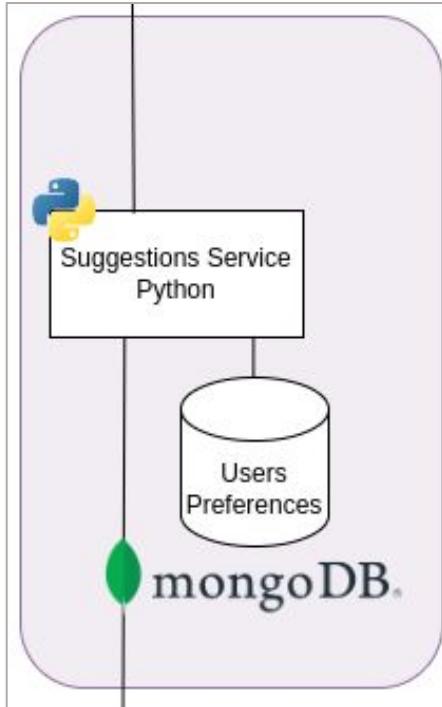


- **Connection** with Google Calendar
- **Token management** securely and encrypted
- **CRUD operations** associated with calendar events
- **Automatic detection** of categories, through a model

Suggestions Service

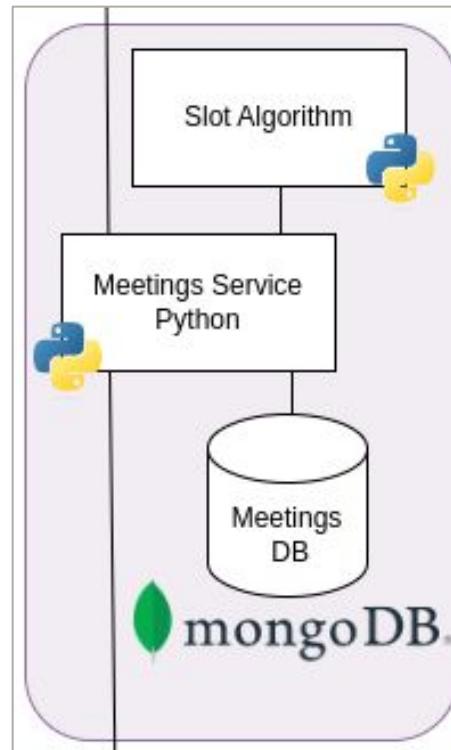


Suggestions Service

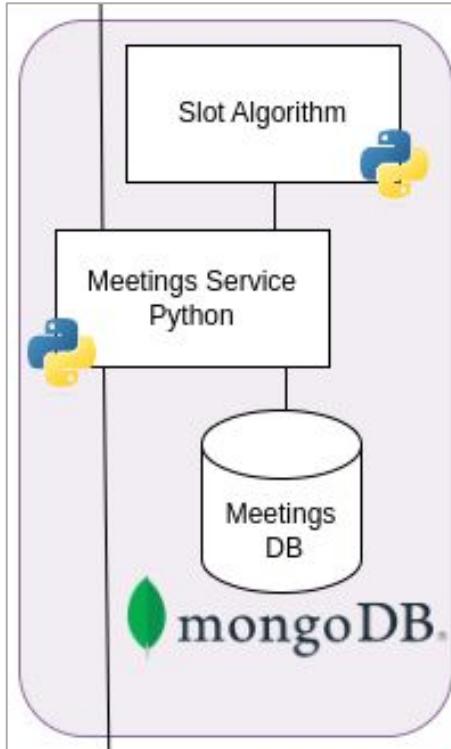


- **Generation of preparation time slots**
- **Storing user preferences**

Meetings Service



Meetings Service



- Meeting slot **compatibility** to get the best
- **Stores** all meeting data until scheduled

Usability tests

8 students, 2 teachers



Tasks

- Example of each Use case

Evaluation

- Observations by researchers
- Post Task Questionnaire

I think that I would like to use this system frequently.

Totally agree Totally disagree N A

I found the system unnecessarily complex.

Totally agree Totally disagree N A

I thought the system was easy to use.

Totally agree Totally disagree N A

I think that I would need the support of a technical person to be able to use this system.

Totally agree Totally disagree N A

I found the various functions in this system were well integrated.

Totally agree Totally disagree N A

2. Demographic data

User number: 03
(check the correct options)

Gender: Female Male Outro Age: 57

Profession: teacher

Previous experience with this type of application/system: None Some A lot

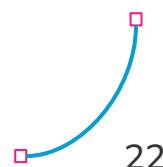
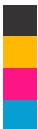
Tool used to organize time: google calendar

Why this tool? (or no tools) não conhece, google calendar serve os seus propósitos

Please leave any comments about the user experience provided by the application/system:

Gostava de personalizar as notificações. Não percebeu o conceito das weekly hours, gostava de ter uma introdução a este tópico. Ainda no weekly hours, gostava de ter min e max na mesma tag.

Thank you very much for your collaboration!

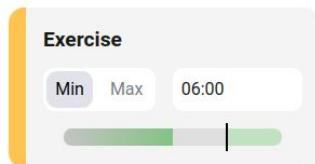




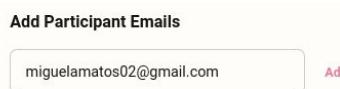
Feedback



Do an OnBoarding (walkthrough)



Motivation to use Goals



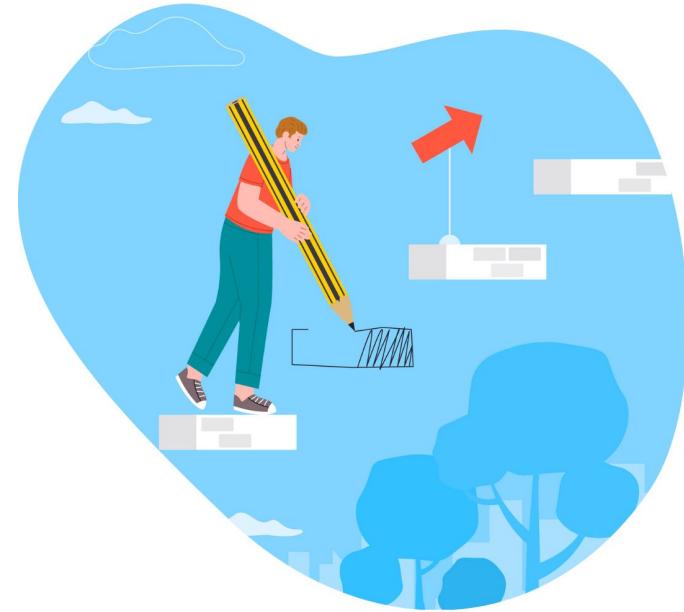
Change Add Button

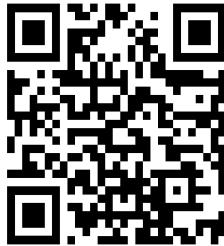


Meetings Technology explained

Future Work

- Implement feedback in user interface
- Make personalized notifications
- Implement AI in preparation time suggestions
- Do a TODO List
- Do a weekly feedback



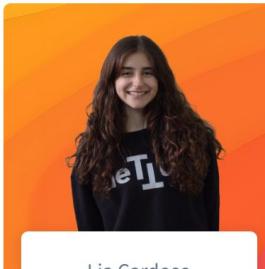


Thanks for your
attention!
timewise-pi.github.io/docs

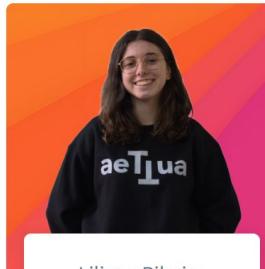
*'Saving time in
managing time'*



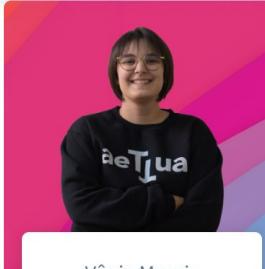
João Sousa
Architect
Developer



Lia Cardoso
Product Owner
Developer



Liliana Ribeiro
DevOps Master
Developer



Vânia Morais
Scrum Master
Developer



Marcus Peterson
UI designer
Developer