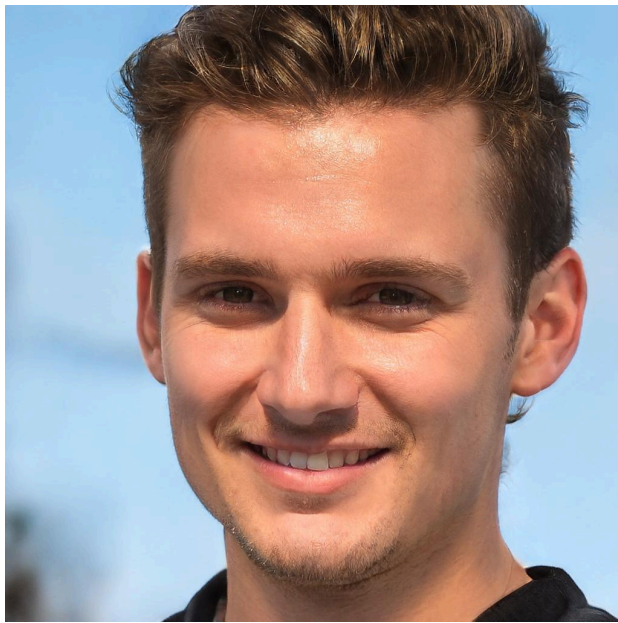


Personas

- **Master's Degree Student - 1**
- **Asistant Teacher - 2**

1. **Master's Degree Student - Scholarship Holder**



Mateus Silva is a 21-year-old student who is currently pursuing his Master's Degree in Mechanical Engineering. He hails from Leiria and is currently studying at the Faculdade de Engenharia da Universidade do Porto. He has a scholarship that requires him to work every Monday and Wednesday from 9 am to 5 pm. As part of his scholarship, Mateus has to manage meetings, adhere to tight schedules, prepare presentations, deliver deliverables, and execute other tasks.

He faces some trouble managing his time, between classes from five different subjects, trips, gym sessions, and "praxe". Mateus feels like he lacks time management skills and that he gets lots in time when he's working on some task. Also, he never really knows how much time it takes to finish a certain task or prepare one.

The person usually uses social media to stay updated on news, keep in touch with friends, and for fun. They use Google Calendar

and the phone's calendar app to plan and schedule daily tasks, errands, and appointments.

They tend to be quite disorganized and lack study routines, often ending up only studying a few days before an assessment. Even when it comes to working for your scholarship, you tend to do planned tasks with little advance notice, which leads you to do many hours of exhausting work and even give up your nights to be able to complete them on time. In this way, Mateus often ends up feeling tired, stressed and anxious.

Mateus would like to find a simple way to manage his time that would help him follow and complete the tasks he needs to carry out on a given day, thus being able to follow a more harmonious routine.

2. Assistant Teacher



Cláudia Mendes is a 40-year-old assistant teacher at the University of Aveiro and a researcher at the “Instituto de Engenharia Eletrónica e Telemática de Aveiro” (IEETA). She faces difficulties with managing her busy schedule due to her responsibilities as a teacher and researcher. Her tasks include managing scientific projects, supervising dissertation/doctoral students, writing scientific articles, preparing classes, and more.

Despite trying to use traditional methods of organization such as physical diaries, post-its on different surfaces, and alarms on her cell phone, Cláudia often forgets important dates and leaves tasks until the last minute. She finds scheduling meetings with her students particularly challenging as they too have very busy schedules.

Cláudia wishes to schedule meetings in the most efficient way possible and receive automatic notifications about planned events to manage her time properly. Cláudia Mendes is a 40 years old assistant teacher at Universidade de Aveiro and a researcher at “Instituto de Engenharia Eletrónica e Telemática de Aveiro” (IEETA). She faces difficulties managing her busy schedule due to her responsibilities as a teacher/researcher, namely managing scientific projects, supervising dissertation/doctoral students, writing scientific articles, preparing classes, etc.

Despite trying to use traditional methods of organization, such as physical diaries, post-its on different surfaces and alarms on her cell phone, Cláudia often forgets important dates and leaves tasks until the last minute.

She feels that scheduling meetings with her students is a particularly difficult task, as they, like herself, generally have very busy schedules.

Cláudia would therefore like to be able to schedule meetings in the most efficient way possible, as well as automatically scheduled notifications about planned events.

Main Scenarios

Main Scenario 1: Exam preparation - Mateus Silva

Mateus Silva did not attend his Computational Mechanics class due to an appointment and was told by a colleague that he would

have a test in that subject in two weeks. You therefore need to prepare adequately for this moment of assessment.

He accesses the system while he is on the bus heading back to the university, after his appointment.

From his calendar, he selects the time to schedule a test preparation event.

Matthew inserts the title of the test. As he wants to schedule preparation time for the test, Matthew goes to the options and clicks on the schedule preparation time option.

The application will automatically suggest a preparation time based on the type of event, Mateus' preferences and the number of hours he entered.

Mateus sees in his calendar what the study sessions would look like according to the time provided and modifies where these sessions should be according to his study plan if necessary and confirms the appointment.

Study sessions are added to your schedule, allowing you to organize and study efficiently for the test.

Main Scenario 2: Scheduling a group meeting - Cláudia Mendes

- Cláudia Mendes is in her office preparing a class and remembers, when she looks at the date on her computer, that she needs to schedule a group meeting with her students to discuss a research project.
- **Sub-scenario #1 - Create meeting:**

Claudia accesses the system.

On the main interface, Cláudia selects the option to schedule an event from the menu.

The application suggests and completes the rest of the meeting details fields automatically (except the title, which is filled in by Cláudia) and, later, Cláudia can change these values, and can remove slots in which she does not want to have the meeting that are available in that time.

Then, she confirms the options and the request to schedule the meeting is created.

- **Sub-scenario #2 - Claudia shares the request to schedule a meeting:**

After confirming the request, the system generates a link that Cláudia shares with the students with whom she wants to hold the meeting so that the system can access their calendars.
- **Sub-scenario #3 - Students accept request:**

Students access the link and can change any detail about the time they want. Then confirm these details so that time synchronization can take place.
- **Sub-scenario #4 - Cláudia confirms the meeting**

When the deadline for scheduling the meeting arrives, Cláudia receives a notification, which she clicks on taking her to a page to check the participants, allowing her to remove any, if necessary, and confirm the meeting.
- **Sub-scenario #5 - Review options and schedule the meeting:**

After Cláudia confirms the meeting, the application analyzes the agendas and conditions of all participants and automatically proposes the most suitable/compatible time for all meeting participants.
Cláudia reviews and confirms the suggested option or can ask to create another timetable.
- **Sub-scenario #6 - System notifies students about the meeting:**

Students receive a notification about the meeting being scheduled and the app adds it to all participants' calendars.
Cláudia and her students are now prepared for the meeting, knowing that everyone will be present and contributing to the research project.

User Stories

- As a user, I want to customize notifications for activities that occur during work hours so that they don't bother me during this period.
- As a user, I want the platform to automatically understand which commitments are leisure and which are work, so I don't have to waste time cataloging each type of activity
- As a student, I want the ability to easily adjust my study session times based on my availability and performance to ensure a flexible and adaptable approach to my studies.
- As a professor, I want to receive automatic notifications about important academic events, like assignment deadlines or department meetings, to ensure I'm always aware of my responsibilities.
- As a teacher, I want to be able to schedule tutoring sessions with my students efficiently, ensuring that I can meet their academic needs at compatible and convenient times.