Slide 1

🗣️ **Rodrigo:**

"Ladies and gentlemen, before we begin, I ask you to pay attention to the following case: Imagine for a moment that you woke up today and couldn't move any part of your body. You couldn't wave, type a message, or even change your own slide presentation.”

🗣️ **Rodrigo:**

"It seems like an unreal case, right? It's true, but this is our truth. Out there, there are millions of people who deal with this exact case every day."

Slide 2

"Because of this, ladies and gentlemen, I, Rodrigo Lima, along with João Mota and Emily Cristina.".

Slide 3

🗣️ **Rodrigo:**

"We develop M.E.RLIN, the Computer Accessibility Assistance System for People with Motor Disabilities. To enable people with these conditions to be rehabilitated in the world of work."

Slide 4

🗣️ **Emily:**

“This focus we've brought to the job market is because society, and often even families themselves, end up reinforcing the idea that people with disabilities can't perform activities alone.”

“That's why because of this, people with some type of disability take much greater advantage of opportunities to socialize and to demonstrate their independence. Despite the challenges, they still seek these experiences.”

“If these people's desire is to have these experiences, then that's what we'll deliver. Our project takes action, based on the concept of supported employment, offering not just a tool, but a specialized assistant.”

Slide 5

🗣️ **Emily:**

“Connected to the camera and the operating system, M.E.R.LIN will enable the execution of tasks using the eye.”
“We develop assistive software that allows eye movement to become **a new kind of freedom. A new kind of control. A new kind of presence.”**

Slide 6

🗣️ **Rodrigo:**

“And to guide this development, we followed the methodological foundations proposed by Lakatos and Marconi. This helped us to structure each stage of the project **in a clear and consistent way.** Our study is of an applied nature, aiming to deliver a solid prototype capable of addressing, **in a practical way,** the issue of digital accessibility for people with specific motor limitations.”

“The data analysis in this research was **mostly quantitative.** Through the surveys, it was possible **to identify** statistics related to people who face disadvantages in the job market because of their physical condition and lack of accessibility.”

Slide 7

🗣️ **Mota:**

"Designed especially for people who, even with motor limitations, can still move their face and eyes, our product will achieve this goal..."

"With Python, the flagship of our system, it connects all our operations and technologies, even if they are from different target areas."

"And so that the face becomes the new computer control. We used technologies like OpenCV and MediaPipe."

"With CustomTk, we created personalized, intuitive, and accessible visual interfaces for users."

"And with some libraries combined with this type of command called Shell, we connected our entire product to the desired computer."

"And the result? The user can now open programs, type, and click—all with their face."

Slide 8

🗣️ **Mota:**

"This is the goal we aimed to achieve, because work was not just a means of earning income, but also of belonging. Just as accessibility is not a luxury, but a form of dignity."

“We believe that our solution can promote entry into the job market and interpersonal relationships, restoring opportunities for socialization and coexistence.”

Slide 9

🗣️ **Rodrigo:**

“This was the explanation of our project… But more than hearing about M.E.RLIN, we want you **to see** M.E.RLIN.”

“So, ladies and gentlemen, get ready to see, **with your own eyes,** the real and current functioning of **M.E.RLIN.”**

Slide 10 Referências

🗣️ **Rodrigo:**

“To finish, these were the references we used in this presentation, I hope you enjoyed them.”

Slide 9

🗣️ **Grupo:**

“And that was **M.E.R.LIN: The Vision of Accessibility**, thank you for your attention.”