Dates	Description	Tasks	Deliverables
18/02/2025 - 24/02/2025		**Begin Project Planning:** ● Team Organization and Role Assignment - Everyone ● Micro Website - Gabriel ● Project analysis and M1 Presentation - Everyone ● Project Calendar - Everyone	
25/02/2025 - 03/03/2025	M1: Presentation of the lifecycle objectives and calendar	**Project Planning and Architecture:** ● Functional Requirements evaluation - Everyone ● Company meeting - Project advisors ● Project Architecture - Everyone ● State of Art - Everyone ● Personas + Use Cases - Everyone ● Domain Model - Everyone	1. M1 Presentation 2. Project Calendar 3. Microsite Link
04/03/2025 - 10/03/2025		**Prototyping:** ● RESTful planning - João & Rafael ● Extensible interface planning - João & Rafael ● UI Low-Fidelity Prototype - Gabriel & Vitalie	
11/03/2025 - 17/03/2025	M2: Presentation of the lifecycle architecture	**Development and Documentation:** ● Connecting the backend with the database - Rafael & João ● Initial development of the frontend - Gabriel & Vitalie & Rafael ● Start developing the REST API + extensible interface – Rafael & João ● Backend documentation - Rafael & João	1. M2 Presentation
18/03/2025 - 24/03/2025		**Development and Documentation:** ● Start developing the 1st algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Continuate development of the REST API + extensible interface – Rafael & João ● Backend documentation - Rafael & João ● Bug fix - Everyone	
25/03/2025 - 31/03/2025	1st checkpoint	**Development, Documentation and Testing:** ● Continuate development of the 1st algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Continuate development of the REST API + extensible interface – Rafael & João ● Start connecting the frontend and backend - Gabriel ● Backend documentation - Rafael & João ● Performance/Quality evaluation of the algorithm developed – Rafael & João ● Bug fix - Everyone	

01/04/2025 - 07/04/2025		**Development, Documentation and Testing:** ● Finish of development of the 1st algorithm – Rafael & João ● Start developing the 2nd algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Continuate development of the REST API + extensible interface – Rafael & João ● Continuate connection between the frontend and backend - Gabriel ● Backend documentation - Rafael & João ● Performance/Quality evaluation of the algorithm developed – Rafael & João ● Bug fix - Everyone	1. M3 Presentation
08/04/2025 - 14/04/2025	M3: Mid-term Presentation	**Development and Documentation:** ● Continuate development of the 2nd algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Continuate development of the REST API + extensible interface – Rafael & João ● Continuate connection between the frontend and backend - Gabriel ● Backend documentation - Rafael & João ● Bug fix - Everyone	M3 presentation
15/04/2025 - 21/04/2025	M3: Mid-term Presentation	**Development, Documentation and Testing:** ● Finish development of the 2nd algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Continuate development of the REST API + extensible interface – Rafael & João ● Continuate connection between the frontend and backend - Gabriel ● Backend documentation - Rafael & João ● Performance/Quality evaluation of the algorithms developed – Rafael & João ● Bug fix - Everyone	M3 presentation
22/04/2025 - 28/04/2025		**Development and Documentation:** ● Start implementing the 3rd algorithm – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Improvements over extensible interface – Rafael & João ● Terminate connection between the frontend and backend - Gabriel & Rafael ● Backend documentation - Rafael & João ● Bug fix - Everyone	
29/04/2025 - 05/05/2025		**Development and Documentation:** ● Continuate the 3rd algorithm implementation – Rafael & João	

		● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Improvements over extensible interface – Rafael & João ● Backend documentation - Rafael & João ● Bug fix - Everyone	
06/05/2025 - 12/05/2025	2nd checkpoint	**Development and Documentation:** ● Continuate the 3rd algorithm implementation – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Improvements over extensible interface – Rafael & João ● Backend documentation - Rafael & João ● Bug fix - Everyone	
13/05/2025 - 19/05/2025		**Development, Documentation and Testing:** ● Continue the 3rd algorithm implementation – Rafael & João ● Continuate development of the frontend - Gabriel & Vitalie & Rafael ● Improvements over extensible interface – Rafael & João ● Backend documentation - Rafael & João ● Performance/Quality evaluation of all developed algorithms – Rafael & João ● Bug fix - Everyone	
20/05/2025 - 26/05/2025	3rd checkpoint	**Development, Documentation and Testing:** ● Finish the 3rd algorithm implementation – Rafael & João ● Finish frontend implementation - Gabriel & Vitalie & Rafael ● Finish the extensible interface – Rafael & João ● Backend documentation - Rafael & João ● Performance/Quality evaluation of all developed algorithms – Rafael & João ● Bug fix - Everyone ● Work on necessary deliverables for the presentations - Everyone	
27/05/2025 - 02/06/2025	Demo + poster for students@DETI and video	**Documentation and Presentation:** ● Work on necessary deliverables for the presentations - Everyone	1. M4 Presentation 2. Demo 3. Video 4. Poster 5. Technical Report
03/06/2025	M4: Project Presentation	**Documentation and Presentation:** ● Work on necessary deliverables for the presentations - Everyone	
??/??/2025	students@DETI	**Documentation and Presentation:** ● Work on necessary deliverables for the presentations - Everyone	