

Projeto em Informática 2024/25

Grupo 1 - GSMA Open Gateway APIs

Date	Task	Participants	Description	Deliverables
25/02/2025	M1 Microsite	<ul style="list-style-type: none"> • Zakhar Kruptsala • Luís Godinho 	<ul style="list-style-type: none"> • Creation of the microsite • Documentation of the team and project • Upload of the presentation and calendar 	<ul style="list-style-type: none"> • Microsite
25/02/2025	M1 Presentation	<ul style="list-style-type: none"> • João Capucho • Igor Coelho • Filipe Pina 	<ul style="list-style-type: none"> • Definition of project goals, tasks, and expected results • Definition of the project calendar • Document related work 	<ul style="list-style-type: none"> • M1 Presentation • Project calendar
11/03/2025	Requirement Gathering	<ul style="list-style-type: none"> • Zakhar Kruptsala • Luís Godinho • Filipe Pina 	<ul style="list-style-type: none"> • Gathering of both functional and non-functional requirements • Document state of the art • Gather actors and their use cases 	
11/03/2025	Architecture	Everyone	<ul style="list-style-type: none"> • Deployment of the SMS center (SMSC) • Design and validation of the core gateway architecture • Implementation of the One time password SMS API • Demo of the OTP SMS API Usage 	<ul style="list-style-type: none"> • v0.0.1 of the gateway • Demo for the OTP SMS API
11/03/2025	Deployment	<ul style="list-style-type: none"> • João Capucho • Igor Coelho 	<ul style="list-style-type: none"> • Packaging of artifacts • Creation of kubernetes manifests • Creation of Helm Chart 	<ul style="list-style-type: none"> • Docker images • Helm Chart
11/03/2025	M2 Presentation	<ul style="list-style-type: none"> • Zakhar Kruptsala • Luís Godinho • Filipe Pina 	<ul style="list-style-type: none"> • Project context • State of the art • Requirements • Actors and use cases • Architecture 	<ul style="list-style-type: none"> • M2 Presentation

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25/03/2025	Device Information APIs	Everyone	<ul style="list-style-type: none"> • Implementation of the Device Information family of APIs (4 in total), to be divided by the members • Demo of the APIs Usage 	<ul style="list-style-type: none"> • v0.1.0 of the gateway • Demo for the Device Information APIs
08/04/2025	M3 Presentation	<ul style="list-style-type: none"> • Zakhar Kruptsala • Luís Godinho 	<ul style="list-style-type: none"> • Talk about current work, accomplished and missing goals • Show Demos 	<ul style="list-style-type: none"> • M3 Presentation
15/04/2025	Communication Quality APIs	Everyone	<ul style="list-style-type: none"> • Implementation of the Communication Quality family of APIs (6 in total), to be divided by the members • Demo of the APIs Usage 	<ul style="list-style-type: none"> • v0.2.0 of the gateway • Demo for the Communication Quality APIs
13/05/2025	Location Services APIs	Everyone	<ul style="list-style-type: none"> • Implementation of the Location Services family of APIs (4 in total) using NEFSim, to be divided by the members • Demo of the APIs Usage 	<ul style="list-style-type: none"> • v0.3.0 of the gateway • Demo for the Location Services APIs
27/05/2025	Final Demo	Everyone	Implementation of a demo showcasing multiple APIs in a real world use case	<ul style="list-style-type: none"> • Final Demo
27/05/2025	Poster	TBD	Poster for students@deti	<ul style="list-style-type: none"> • Poster
27/05/2025	Video	Everyone	Video of the project and demo	<ul style="list-style-type: none"> • Project Video
03/06/2025	M4 Presentation	<ul style="list-style-type: none"> • João Capucho • Igor Coelho 	<ul style="list-style-type: none"> • Project contextualisation • Final architecture • Review of the work done • Future work • Demo 	<ul style="list-style-type: none"> • M4 Presentation