

# Report

## Introduction

The CardioBot project is part of the context of developing an innovative medical solution, involving a specialized technical team and various stakeholders. This document details the organization of the team and the roles of the different stakeholders in the project.

## Section 1: Composition of the Technical Team

- Patrick Michel
  - Specialization: Cybersecurity, machine learning, full stack
  - Responsibilities: Interface development, backend management, AI integration
  - Contact : 06.63.76.14.27 / [patrick.michel@holbertonstudents.com](mailto:patrick.michel@holbertonstudents.com)
  - GitHub: [github.com/Pmichel74](https://github.com/Pmichel74)
  - Additional role: Temporary Project Manager (justified by his role as project initiator)
- Benjamin Ristord
  - Specialization: Cybersecurity, machine learning, full stack
  - Responsibilities: Interface development, backend management, AI integration
  - Contact : 06.22.28.81.46 / [benjamin.ristord@holbertonstudents.com](mailto:benjamin.ristord@holbertonstudents.com)
  - GitHub: [github.com/jbn179](https://github.com/jbn179)

## Section 2: External Stakeholders

- Client Principal
  - Dr. TZVETKOV (cabinet de cardiology)
  - Office medical staff
  - Medical secretarial
  - Nurses
- End Users
  - Regular patients (cardiac monitoring)
  - New patients
  - Emergency cases
  - Families and accompanying persons

## Section 3: Organizational Structure

- Standards de Communication
  - Main tool: Slack
  - Daily voice meetings
  - Project management via GitHub and Canva
- Working Methodology
  - Daily standup meetings (15 min daily)
  - Bi-weekly sprint planning
  - Mandatory code review before each merge
  - Systematic code documentation
- Decision Process
  - Major technical decisions: consensus required
  - Minor decisions: autonomy in each area of specialization

## **To summarize:**

The organization of the CardioBot project is based on a clear structure with well-defined roles and established communication processes. The technical team, composed of two experienced full-stack developers, is supported by a robust agile methodology and modern collaboration tools. This organization ensures effective project management while maintaining the flexibility necessary to meet the evolving needs of the client and end users.