

Emergency Response: A Multi-Agent System

Sheena Maria Lang, Antonio Lobo Santos, Zachary Parent,
María del Carmen Ramírez Trujillo and Bruno Sánchez Gómez

January 3, 2025

Contents

1	Introduction	2
2	Crew Design and Implementation	2
2.1	Emergency Services Crew	2
2.1.1	Design	2
2.1.2	Implementation	2
2.2	Firefighter Agent Crew	2
2.2.1	Design	2
2.2.2	Implementation	2
2.3	Medical Services Crew	2
2.3.1	Design	2
2.3.2	Implementation	2
2.4	Public Communication Crew	2
2.4.1	Design	2
2.4.2	Implementation	2
3	Crew Interactions and Flow	2
3.1	Interaction Design	2
3.2	CrewAI Flow	2
3.3	Justification of Design Choices	2
4	Results	2
5	Conclusion	2
6	References	2

1	Introduction
2	Crew Design and Implementation
2.1	Emergency Services Crew
2.1.1	Design
2.1.2	Implementation
2.2	Firefighter Agent Crew
2.2.1	Design
2.2.2	Implementation
2.3	Medical Services Crew
2.3.1	Design
2.3.2	Implementation
2.4	Public Communication Crew
2.4.1	Design
2.4.2	Implementation
3	Crew Interactions and Flow
3.1	Interaction Design
3.2	CrewAI Flow
3.3	Justification of Design Choices
4	Results
5	Conclusion
6	References