🗺️ ROADMAPA PROJEKTU - Agent Zero v1 (2025-2026)

Vision: Stworzyć najzaawansowaną platformę AI dla enterprise z pełną automatyzacją cyklu development

Mission: Dostarczyć działający system wieloagentowy w Q4 2025 z możliwością skalowania w Q1 2026

📅 TIMELINE GŁÓWNY

🚀 Q4 2025 - LAUNCH PHASE

Październik 2025 (Current Month)

Week 41 (7-13 Oct) - **CRITICAL FIXES SPRINT** ✅ COMPLETED AHEAD OF SCHEDULE!

- ✅ Phase 1 Complete (Multi-agent communication) - DONE 8 Oct 2025
- ✅ Fix Neo4j Service Connection - COMPLETED 8 Oct 09:00 (HTTP + Bolt operational)
- ✅ Fix AgentExecutor Method Signature - COMPLETED 8 Oct 09:00 (100% test success)
- ✅ Fix WebSocket Frontend Rendering - COMPLETED 8 Oct 09:00 (Professional rewrite)
- ✅ Fix Task Decomposer JSON Parsing - COMPLETED 8 Oct 09:00 (95%+ success rate)
- ✅ Docker Infrastructure Optimization - COMPLETED 8 Oct 09:00
- 📋 Team onboarding & processes setup

Week 42 (14-20 Oct) - **EXECUTION ENGINE**

- 🎯 Phase 2: Interactive Control (93% → 95%)

- Project Orchestrator implementation

- Agent Executor with real-time streaming

- Quality Gates setup

Week 43 (21-27 Oct) - **WEB INTERFACE**

- FastAPI Gateway complete

- React Dashboard MVP

- Real-time monitoring

- Authentication system

Week 44 (28 Oct - 3 Nov) - **INTEGRATION & TESTING**

- End-to-end integration tests

- Performance optimization

- Security audit

- Documentation finalization

Listopad 2025 - BETA TESTING

Week 45-47 - **BETA RELEASE**

- Internal beta testing

- Bug fixes and stability improvements

- Performance benchmarking

- User feedback collection

Week 48 - **PRE-PRODUCTION**

- Production environment setup

- CI/CD pipeline completion

- Monitoring and alerting

- Final security review

Grudzień 2025 - PRODUCTION LAUNCH

Week 49-50 - **v1.0 RELEASE** 🎉

- Production deployment

- Go-live support

- Initial user onboarding

- Performance monitoring

Week 51-52 - **HOLIDAY MAINTENANCE**

- Minimal changes, monitoring only

- Holiday support rotation

- Planning for Q1 2026

📈 Q1 2026 - SCALE PHASE

Styczeń 2026 - PHASE 3: ADVANCED FEATURES

- Code Reviewer Agent (LLM-powered)

- Learning System (pattern recognition)

- Agent Collaboration Manager

- Performance Analytics

Luty 2026 - PHASE 4: ENTERPRISE FEATURES

- Multi-tenant architecture

- Advanced security features

- Enterprise integrations (LDAP, SSO)

- Advanced monitoring (Prometheus/Grafana)

Marzec 2026 - SCALE & OPTIMIZATION

- Kubernetes cluster deployment

- Auto-scaling implementation

- Global CDN setup

- Enterprise sales ready

🎯 MILESTONES & SUCCESS CRITERIA

🏁 Milestone 1: Foundation Complete (Oct 20, 2025)

Success Criteria:

- ✅ All critical bugs fixed
- ✅ Execution Engine working end-to-end
- ✅ Basic monitoring in place
- ✅ Developer workflow established

Deliverables:

- Working multi-agent system
- Project orchestrator
- Basic web interface
- Complete documentation

🏁 Milestone 2: Beta Ready (Nov 15, 2025)

Success Criteria:

- ✅ Full web interface functional
- ✅ Real-time monitoring working
- ✅ Security implementation complete
- ✅ Performance targets met (< 2s response time)

Deliverables:

- Beta-ready application
- Performance test results
- Security audit report
- User documentation

🏁 Milestone 3: Production Launch (Dec 15, 2025)

Success Criteria:

- ✅ Production deployment successful
- ✅ Zero critical bugs in first week
- ✅ Performance SLAs met (99.9% uptime)
- ✅ First enterprise customers onboarded

Deliverables:

- v1.0 Production release
- Enterprise sales materials
- Support processes
- Customer success metrics

⚠️ RISK MANAGEMENT

🚨 HIGH RISK

Risk: Neo4j performance issues at scale

- **Mitigation**: Performance testing in Week 42
- **Contingency**: PostgreSQL fallback plan
- **Owner**: Developer A

Risk: LLM API rate limiting

- **Mitigation**: Implement caching and queuing
- **Contingency**: Multiple LLM providers setup
- **Owner**: Developer A

⚠️ MEDIUM RISK

Risk: Frontend complexity growing too fast

- **Mitigation**: Component library early setup

- **Contingency**: Simplify UI for v1.0

- **Owner**: Developer B

Risk: Team capacity (2 developers)

- **Mitigation**: Clear task prioritization

- **Contingency**: Outsource non-critical features

- **Owner**: Both developers

🔄 DEPENDENCIES MAPPING

Critical Path:

Neo4j Fix → Agent Executor → Web Interface → Beta Testing → Launch

Parallel Tracks:

- **Backend Track**: Neo4j → Execution Engine → API Gateway

- **Frontend Track**: WebSocket Fix → React Dashboard → Real-time UI

- **DevOps Track**: Docker → CI/CD → Production Deploy

📊 SUCCESS METRICS

Technical KPIs:

- **System Performance**: < 2s response time (95th percentile)

- **Uptime**: 99.9% availability

- **Code Quality**: 90%+ test coverage

- **Security**: Zero critical vulnerabilities

Development KPIs:

- **Velocity**: 20+ story points per sprint

- **Bug Rate**: < 1 bug per 100 lines of code

- **Code Review**: 100% of PRs reviewed within 24h

- **Documentation**: 100% API endpoints documented

Business KPIs:

- **Time to Value**: < 30 min from install to first result

- **User Satisfaction**: 4.5+ stars (beta feedback)

- **Enterprise Ready**: Support for 10+ concurrent projects

🎯 NEXT ACTIONS

This Week (Week 41):

1. **Developer A**: Fix Neo4j connection (today)

2. **Developer B**: Fix WebSocket rendering (today)

3. **Both**: Setup sprint planning process (tomorrow)

4. **Both**: Create detailed task breakdown for Week 42

Next Sprint Planning:

- **Date**: Friday, Oct 11, 2025 @ 10:00 AM

- **Duration**: 2 hours

- **Agenda**: Week 42 planning, task estimation, dependency review

Roadmap Last Updated: 7 października 2025, 12:55 CEST

Next Review: Every Friday @ 9:00 AM

Owner: Development Team