



# SPRINT PLANNING SYSTEM - Agent Zero v1

**Current Sprint:** Week 41/2025 (7-13 Oct 2025)

**Sprint Duration:** 1 week cycles

**Team Capacity:** 2 developers

**Planning Day:** Every Friday @ 10:00 AM

**Review Day:** Every Friday @ 14:00 AM

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## CURRENT SPRINT - Week 41 (CRITICAL FIXES)



### Sprint Goal

"Ustabilizować platformę poprzez naprawę krytycznych błędów i przygotowanie zespołu do efektywnej współpracy"



### Sprint Backlog




### CRITICAL (Must Have)

#### [US-001] Fix Neo4j Service Connection


- **Story Points:** 1
- **Assignee:** Developer A
- **Status:** 🚧 In Progress
- **Acceptance Criteria:**
  - ☐ Neo4j service starts without errors
  - ☐ Connection test passes from application
  - ☐ All existing tests with Neo4j pass
- **Tasks:**

- ☐ Debug docker-compose.yml configuration
- ☐ Verify environment variables
- ☐ Test connection with cypher queries

### [US-002] Fix AgentExecutor Method Signature

- **Story Points:** 3
- **Assignee:** Developer A
- **Status:**  To Do
- **Acceptance Criteria:**
  - ☐ Method signature matches interface definition
  - ☐ All calling code updated
  - ☐ Unit tests pass
- **Tasks:**
  - ☐ Identify signature mismatch
  - ☐ Update method implementation
  - ☐ Update all callers
  - ☐ Run regression tests

### [US-003] Fix WebSocket Frontend Rendering

- **Story Points:** 5
- **Assignee:** Developer B
- **Status:**  In Progress
- **Acceptance Criteria:**
  - ☐ WebSocket connection establishes successfully
  - ☐ Real-time data displays in frontend
  - ☐ No console errors in browser
  - ☐ Responsive design maintained
- **Tasks:**

- ☐ Debug HTML template issues
- ☐ Fix JavaScript WebSocket client
- ☐ Test real-time data flow
- ☐ Cross-browser compatibility check

### **IMPORTANT (Should Have)**

#### **[US-004] Setup Team Collaboration Processes**

- **Story Points:** 2
- **Assignee:** Both
- **Status:** 🚧 In Progress
- **Acceptance Criteria:**
  - ☐ Daily standup process defined
  - ☐ Code review checklist created
  - ☐ Git workflow documented
  - ☐ Communication channels setup

#### **[US-005] Create Sprint Planning Framework**

- **Story Points:** 1
- **Assignee:** Both
- **Status:** 🚧 In Progress
- **Acceptance Criteria:**
  - ☐ Sprint planning template created
  - ☐ User story template defined
  - ☐ Estimation process established

### **Sprint Metrics**

- **Total Story Points:** 12
- **Committed Points:** 12

- **Completed Points:** 0/12
  - **Sprint Progress:** 0% (Day 1 of 7)
  - **Burn Rate:** On track
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## UPCOMING SPRINTS PREVIEW



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

**Sprint Goal:** "Zaimplementować pełny Execution Engine z real-time monitoring"

**Planned User Stories (Draft):**

- [US-006] Project Orchestrator Implementation (8 SP)
- [US-007] Agent Executor with Streaming (13 SP)
- [US-008] Quality Gates Setup (5 SP)
- [US-009] Progress Tracking System (3 SP)
- **Estimated Total:** 29 SP



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

**Sprint Goal:** "Dostarczyć kompletny web interface z real-time dashboard"

**Planned User Stories (Draft):**

- [US-010] FastAPI Gateway Complete (8 SP)
  - [US-011] React Dashboard MVP (13 SP)
  - [US-012] Real-time Monitoring UI (8 SP)
  - [US-013] Authentication System (5 SP)
  - **Estimated Total:** 34 SP
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## BACKLOG MANAGEMENT



### **Product Backlog (Prioritized)**

#### **EPIC 1: Core Platform Stability**

- [US-001] Fix Neo4j Service Connection (1 SP) - **Week 41**
- [US-002] Fix AgentExecutor Method Signature (3 SP) - **Week 41**
- [US-003] Fix WebSocket Frontend Rendering (5 SP) - **Week 41**
- [US-014] Performance Optimization (8 SP) - **Week 44**
- [US-015] Security Audit Implementation (5 SP) - **Week 44**

## **EPIC 2: Execution Engine**

- [US-006] Project Orchestrator Implementation (8 SP) - **Week 42**
- [US-007] Agent Executor with Streaming (13 SP) - **Week 42**
- [US-008] Quality Gates Setup (5 SP) - **Week 42**
- [US-016] Code Generator Enhancement (8 SP) - **Week 43**

## **EPIC 3: Web Interface & UX**

- [US-010] FastAPI Gateway Complete (8 SP) - **Week 43**
- [US-011] React Dashboard MVP (13 SP) - **Week 43**
- [US-012] Real-time Monitoring UI (8 SP) - **Week 43**
- [US-013] Authentication System (5 SP) - **Week 43**

## **EPIC 4: Advanced Features (Phase 3)**

- [US-017] Code Reviewer Agent (13 SP) - **Q1 2026**
- [US-018] Learning System (21 SP) - **Q1 2026**
- [US-019] Agent Collaboration Manager (13 SP) - **Q1 2026**

## **Estimation Reference**

### **Story Points Scale (Fibonacci):**

- **1 SP:** 1-2 hours (simple fix, config change)
- **2 SP:** Half day (small feature, minor refactoring)
- **3 SP:** 1 day (medium feature, significant fix)

- **5 SP:** 2-3 days (complex feature, major component)
  - **8 SP:** 1 week (large feature, subsystem)
  - **13 SP:** 2 weeks (epic feature, major component)
  - **21 SP:** Split into smaller stories
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## **VELOCITY TRACKING**

### **Historical Velocity**

- **Week 40:** N/A (First sprint planning)
- **Week 41:** TBD (Current sprint)
- **Target Velocity:** 15-20 SP per week

### **Team Capacity Planning**

#### **Developer A (Backend Focus):**

- **Capacity:** 40h/week
- **Velocity:** ~10-12 SP/week
- **Strengths:** Architecture, databases, APIs

#### **Developer B (Frontend Focus):**

- **Capacity:** 40h/week
- **Velocity:** ~8-10 SP/week
- **Strengths:** UI/UX, React, real-time interfaces

**Team Total Expected:** 18-22 SP/week

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## **SPRINT CEREMONIES**

### **Sprint Planning (Every Friday 10:00-12:00)**

#### **Agenda:**

1. **Previous Sprint Review** (30min)

- What was completed?
- What wasn't completed and why?
- Velocity calculation

## 2. **Next Sprint Planning** (90min)

- Sprint goal definition
- Story selection from backlog
- Task breakdown and estimation
- Capacity planning
- Commitment to sprint backlog

## **Daily Standup** (Every day 9:00-9:15)

### **Format:**

- What did I complete yesterday?
- What will I work on today?
- Are there any blockers?
- Do I need help from my teammate?

## **Sprint Review & Retrospective** (Every Friday 14:00-15:00)

### **Review** (30min):

- Demo completed features
- Review sprint metrics
- Stakeholder feedback

### **Retrospective** (30min):

- What went well?
- What could be improved?
- Action items for next sprint



## USER STORY TEMPLATE

**\*\*Title\*\*:** [US-XXX] Feature Name

**\*\*As a\*\*** [user type]

**\*\*I want\*\*** [functionality]

**\*\*So that\*\*** [business value]

**\*\*Acceptance Criteria\*\*:**

- ☐ Criterion 1
- ☐ Criterion 2
- ☐ Criterion 3

**\*\*Story Points\*\*:** [1,2,3,5,8,13,21]

**\*\*Assignee\*\*:** [Developer A/B/Both]

**\*\*Sprint\*\*:** Week XX

**\*\*Epic\*\*:** [Epic Name]

**\*\*Technical Notes\*\*:**

- Implementation details
- Dependencies
- Risks

**\*\*Definition of Done\*\*:**

- ☐ Code implemented
- ☐ Unit tests written
- ☐ Code reviewed
- ☐ Integration tested
- ☐ Documentation updated



## NEXT PLANNING SESSION

**Date:** Friday, October 11, 2025

**Time:** 10:00-12:00 CEST



**Location:** Video call / Notion workspace

**Preparation Required:**

- ☐ Developer A: Complete Neo4j fix status
- ☐ Developer B: Complete WebSocket fix status
- ☐ Both: Review Week 42 user stories
- ☐ Both: Prepare capacity estimates

**Agenda:**

1. Week 41 Sprint Review
2. Week 42 Sprint Planning
3. Velocity baseline establishment
4. Process improvements discussion

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*Sprint Planning Last Updated: 7 października 2025, 12:57 CEST*

*Next Planning: Friday 11 Oct @ 10:00 AM*

*Scrum Master: Rotating (Developer A this week)*