Sprint Planning Logic for SmartSDLC

# Sprint 1: (5 Days)

## Epic 1: Requirement Analysis and Code Generation

Story 1: Convert unstructured requirements into user stories

Story Points: 2 (Easy task)

Story 2: Generate code based on user stories

Story Points: 3 (Moderate task)

## Epic 2: Bug Fixing and Testing

Story 3: Auto-detect bugs in generated code

Story Points: 5 (Difficult task)

Story 4: Generate test cases automatically for the code

Story Points: 2 (Easy task)

# Sprint 2: (5 Days)

## Epic 3: Test Case Execution and Code Summary

Story 5: Execute generated test cases and validate results

Story Points: 5 (Difficult task)

Story 6: Summarize code for better understanding and documentation

Story Points: 3 (Moderate task)

## Epic 4: Chatbot Support and Deployment

Story 7: Integrate chatbot support for real-time developer assistance

Story Points: 5 (Difficult task)

Story 8: Deploy the SmartSDLC platform on the cloud

Story Points: 4 (Moderate task)

# Total Story Points and Velocity

Sprint 1: 12 Story Points

Sprint 2: 17 Story Points

Total Story Points: 29

Number of Sprints: 2

Velocity = 29 / 2 = 14.5 Story Points per Sprint