Sprint 1

Core Infrastructure (Epic 1)

- Setup Streamlit Environment & Project Structure (USN1) — 2 (Normal)

- Configure Google Gemini 2.5 API Key (USN2) — 1 (Very Easy)

- Create Basic "Premium Museum" CSS (USN3) — 3 (Moderate)

Functional Features - Input (Epic 2)

- Implement Text Input & Validation (Describe by Name) (USN4) — 2 (Normal)

- Implement Image Upload & Handling (Analyze from Image) (USN5) — 3 (Moderate)

- Create Sidebar with Facts & API Status (USN6) — 2 (Normal)

Total Story Points in Sprint 1 = 2 + 1 + 3 + 2 + 3 + 2 = 13

Sprint 2

AI Integration & Output (Epic 3)

- Develop Prompt Engineering Logic (USN7) — 3 (Moderate)

- Integrate Gemini API for Text Generation (USN8) — 3 (Moderate)

- Integrate Gemini Vision API for Image Analysis (USN9) — 5 (Difficult)

User Experience & Polish (Epic 4)

- Format Response with Markdown & Dividers (USN10) — 2 (Normal)

- Add Download Buttons (TXT/MD) (USN11) — 2 (Normal)

- Implement Animations & Glassmorphism UI (USN12) — 3 (Moderate)

Total Story Points in Sprint 2 = 3 + 3 + 5 + 2 + 2 + 3 = 18

Velocity Calculation

Total Story Points

- Sprint 1 = 13

- Sprint 2 = 18

Velocity = Total Story Points Completed / Number of Sprints Total Story Points = 13 + 18 = 31 No of Sprints = 2

Velocity = 31 / 2 = 15.5 (Approx 16 Story Points per Sprint)

Your team's velocity is 16 Story Points per Sprint.