**Citizen AI Chatbot - Sprint Planning**

**Agile Definitions**

* **Sprint**: 5-day work period
* **Epic**: "Build AI Chatbot for Government Services"
* **Story**: Individual development tasks
* **Story Points**: Effort measurement (Fibonacci scale)

**Sprint 1 (5 Days)**

**Data Pipeline Development**

* *Data Collection*  
  • Scrape government FAQs (3 pts)  
  • Load into IBM Cloudant DB (2 pts)
* *Data Preprocessing*  
  • Clean multilingual text (English/Hindi) (5 pts)  
  • Normalize bureaucratic terms (3 pts)

**Total Sprint 1 Points**: 13

**Sprint 2 (5 Days)**

**Model Deployment**

* *AI Development*  
  • Train IBM Granite model (8 pts)  
  • Accuracy testing (5 pts)
* *System Integration*  
  • Gradio UI development (3 pts)  
  • IBM Cloud deployment (5 pts)

**Total Sprint 2 Points**: 21

**Velocity Calculation**

* Total Story Points: 34 (13 + 21)
* Number of Sprints: 2
* **Team Velocity**: 17 points/sprint

*Next sprint forecast*: 3-5 user stories (~17 points capacity)\_