# Project Planning Phase

## Product Backlog, Sprint Planning, Stories, Story Points

### Product Backlog & Sprint Schedule:

Backlog Items:  
1. AI Model Loading (3 SP)  
2. Tokenizer Setup (2 SP)  
3. Chat UI Implementation (3 SP)  
4. Sentiment Analysis (2 SP)  
5. Topic Extraction (3 SP)  
6. Dashboard Visualizations (3 SP)  
7. Personalized Context Inputs (2 SP)

### Sprint Schedule:

- Sprint 1 (5 Days): AI Model Integration, Tokenizer Setup  
- Sprint 2 (5 Days): UI, Sentiment Analysis, Topic Extraction

### Velocity:

Assuming a 10-day sprint duration and team velocity of 20 story points per sprint, the estimated average velocity is 2 story points per day.

### Burndown Chart:

The burndown chart visually represents the remaining story points over time, helping track project progress and forecast completion.

