

Planning Logic

Definitions

- Sprint: A fixed time period (usually 5–10 days) during which a team completes a set of tasks.
- Epic: A large feature or functionality in SpendSmart that cannot be completed in a single sprint and is broken into smaller Stories.
- Story: A manageable unit of financial tracking or planning work within an Epic.
- Story Point: A numeric value indicating the effort or complexity involved, often based on the Fibonacci sequence (1, 2, 3, 5, 8...).

Sprint 1 (Duration: 5 Days)

Epic: Expense Data Preparation

Task	Story Points	Complexity
Collection of Expense Data	2	Easy
Loading Expense Data	1	Very Easy
Filling Missing Expense Entries	3	Moderate
Categorizing Transactions	2	Easy

- Total Story Points (Sprint 1): 8

Sprint 2 (Duration: 5 Days)

Epic: Categorization Logic & Deployment

Task	Story Points	Complexity
Expense Categorization Logic	5	Difficult
Validation of Categories	3	Moderate
UI Screens with Flutter	3	Moderate
Firebase Deployment	5	Difficult

- Total Story Points (Sprint 2): 16

Velocity Calculation

Metric	Value
Total Story Points	8 (Sprint 1) + 16 (Sprint 2) = 24
Number of Sprints	2
Velocity	$24 \div 2 = 12$ Story Points/Sprint Team's Velocity: 12 Story Points per Sprint