

Break-it-down Estimation Report

Sprint 1 velocity:

Total sprint 1 user stories number: 20

Time taken by all members of the team: 5 hours

Sprint 1 velocity = $20/5 = 4$

Sprint 2 velocity:

Total sprint 2 user stories number: 34

Effective work hours for all members: 10 hours

Sprint 2 velocity = $34/10 = 3.4$

Speed up ratio: $3.4/4 = 0.85$

Sprint 4 velocity:

Total sprint 4 user stories number: 17

Time taken by all members of the team: 9 hours

Sprint 4 velocity = $17/9 = 1.9$

Sprint 5 estimated velocity: $1.9 * 0.85 = 1.615$