

The team velocity in sprint 1 (V_{s1}) :

70 story Point

17 hours

$$70/17 = 4.117$$

Calculate the team velocity in sprint 2 (V_{s2}) :

74 story Point

26 hours

$$74/26 = 2.846$$

Calculate the speed up ratio :

$$I = 2.846/4.235 = 0.691 \text{-----} 0.672 \text{-----} 0.375$$

Calculate the team velocity in sprint 4 (V_{s4}) :

29 User Point

18 hours

$$29/18 = 1.611$$

An estimate of the team velocity in Sprint 5:

$$1.611 * 0.691 = 1.11$$

