Rank and velocity

The rank is specified from the difficulty in the product backlog document. The rank is specified from 1 to 5 and was specified by each developer dependent on the task they were assigned to.

1 indicates a low rank that is a rank that requires little or no developer effort to complete while a rank of 5 indicates that developer effort for that particular task or feature is high.

Sprint lengths were 5 days that is Monday to Friday.

Sprint 1: 30/04/2018 – 04/05/2018

Sprint 2: 07/05/2018 – 11/05/2018

Sprint 3: 14/05/2018 – 18/05/2018

Sprint 1:

Stories:

- Add item (Rank = 2)
- List creation (Rank = 1)
- Remove item (Rank = 4)
- Assign item category (Rank = 1)
- Database back end (Rank = 4)

Velocity:

$$\frac{12}{25}$$

Sprint 2:

Stories:

- User log-in (Rank = 2)
- Edit item (Rank = 4)
- Secure login (Rank = 5)
- Add item to list (Rank = 5)
- Travis integration (Rank = 1)

Velocity:

$$\frac{17}{25}$$

Sprint3:

Stories:

- Deploy to azure (Rank = 1)
- Add JSON storage file (Rank = 4)
- Create Registration page (Rank = 4)
- Specify user list access (Rank = 4)
- Refine data structure (Rank = 3)

Velocity:

$$\frac{16}{25}$$