

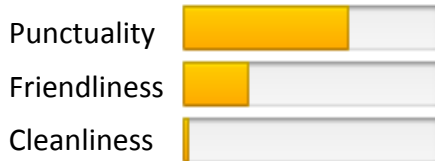
Provenance Enabled Ride Share App

- Provenance collected from the Ride Share’s UI, orchestrator and reputation services
- Sentence templates and provenance data provide transparency to end-users
- Supports the description of different reputation algorithms
- Supports accountability of devices, machines and end-users

Reputation Narrative Example



Rated 4.5 out of 5



“This user has an average overall rating of 4.5 from 15 feedback reports left by 12 authors. Out of the 27 feedback reports written about them, only 15 were used to generate the reputation. The feedback reports used to generate that reputation

were authored in the last 90 day/s. The feedback’s weighting used to generate the reputation decayed by 10%.

This user left an average feedback of 4.8, and has written 43 feedback reports. They have left feedback for 10 different users, and it agrees with 80% of the other raters. The feedback that does not agree with other raters was 92% higher”

- Describes how reputation reports were generated
- Describes a user’s behavior
- Green text aggregations from prov data
- Underlined text are hyperlinks to resources