**Sprint Planning and Velocity for TrafficTelligence Project**

**Sprint 1:**

**Epic: User Authentication**

* User Registration – 2 SP *(Easy Task)*
* User Login – 1 SP *(Very Easy Task)*

**Epic: Dashboard Setup**

* Dashboard Interface Design – 3 SP *(Moderate Task)*
* Integrate Traffic APIs for Live Feed – 3 SP *(Moderate Task)*

Sprint 1 Total: 9 SP

**Sprint 2:**

**Epic: Traffic Prediction**

* Train Prediction Model – 5 SP *(Difficult Task)*
* Display Predictions on Map – 3 SP *(Moderate Task)*

**Epic: Route Optimization**

* Optimal Route Algorithm – 3 SP *(Moderate Task)*
* Route Display & ETA Calculation – 3 SP *(Moderate Task)*

Sprint 2 Total: 14 SP

**Sprint 3:**

**Epic: Admin and Monitoring**

* Admin Panel Setup – 2 SP *(Easy Task)*
* User Activity Log View – 2 SP *(Easy Task)*

**Epic: Notification System**

* Real-time Alert System – 3 SP *(Moderate Task)*
* Notification UI Integration – 2 SP *(Easy Task)*

Sprint 3 Total: 9 SP

Velocity Calculation

* Total Story Points = 9 (Sprint 1) + 14 (Sprint 2) + 9 (Sprint 3) = 32 SP
* Number of Sprints = 3
* Team Velocity = Total SP / Sprints = 32 / 3 ≈ 10.67 SP per Sprint