Product Backlog, Sprint Schedule, and Estimation Table for Flight Finder:

✈️ Flight Finder – Product Backlog & Sprint Planning

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password.	2	High	Frontend, Backend
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email once registered.	1	High	Backend, QA
Sprint-1	Registration	USN-4	As a user, I can register via Gmail.	2	Medium	Frontend, Backend
Sprint-1	Login	USN-5	As a user, I can log in with email and password.	1	High	Frontend, Backend
Sprint-2	Registration	USN-3	As a user, I can register via Facebook.	2	Low	Frontend
Sprint-2	Dashboard	USN-6	As a user, I can view dashboard with saved searches, alerts, and recommendations.	3	High	Frontend, Backend
Sprint-2	Search Flights	USN-7	As a user, I can search flights using filters like date, airline, and price.	3	High	Backend, QA
Sprint-2	Alerts	USN-8	As a user, I can set alerts for price drops on selected routes.	4	Medium	Backend, Notification

Project Tracker, Velocity & Burndown Table

✈️ Flight Finder – Project Tracker

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	19	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	16	19 Nov 2022

Velocity Calculation

- **Total Story Points Completed** = 20 + 19 + 18 + 16 = **73**
- **No. of Sprints** = 4
- **Velocity** = Total Points Completed / Number of Sprints = **73 / 4 = 18.25 story points/sprint**

Burndown Rate

Each sprint lasts **6 days**:

- **Average Story Points per Day** = 18.25 / 6 ≈ **3.04 story points/day**