Campus Event Reporting API – Endpoints

Category	Method	Endpoint	Description
Health	GET	`/api/v1/health`	Check if API is running.
Colleges	POST	`/api/v1/colleges`	Create a new college.
Students	POST	`/api/v1/students`	Create a new student.
Events	POST	`/api/v1/events`	Create a new event.
Events	PATCH	`/api/v1/events/{college\_id}/{event\_id}`	Update event (status or venue).
Registrations	POST	`/api/v1/registrations`	Register a student for an event.
Attendance	POST	`/api/v1/attendance`	Mark student attendance.
Feedback	POST	`/api/v1/feedback`	Submit or update feedback.
Reports	GET	`/api/v1/reports/event-popularity?college\_id=1\&type=Workshop`	Event popularity by registrations (optional filter).
Reports	GET	`/api/v1/reports/attendance-summary/{college\_id}/{event\_id}`	Attendance summary for an event.
Reports	GET	`/api/v1/reports/avg-feedback/{college\_id}/{event\_id}`	Average feedback rating.
Reports	GET	`/api/v1/reports/student-participation?college\_id=1\&student\_id=101`	Events attended by a student.
Reports	GET	`/api/v1/reports/top-active-students?college\_id=1\&limit=3`	Most active students by attendance.