2.2 Analytics & Reporting (Admin)

#	Feature	Status	Priority	Effort	Notes
2.2.1	Overall Attendance Trends	✖	HIGH	8 hours	Line chart (Chart.js)
2.2.2	Course Comparison Bar Chart	✖	HIGH	6 hours	Compare multiple courses
2.2.3	At-Risk Student Identification	✖	HIGH	8 hours	<75% threshold alerts
2.2.4	Department-wise Analysis	✖	MEDIUM	8 hours	Aggregate by department
2.2.5	Teacher Performance Metrics	✖	MEDIUM	8 hours	Session completion rates
2.2.6	Heatmap Visualization	✖	MEDIUM	12 hours	Day/time attendance patterns
2.2.7	Predictive Analytics	✖	LOW	20 hours	ML model for dropout prediction
2.2.8	Custom Report Builder	✖	LOW	16 hours	Admin-defined filters & exports
2.2.9	Dashboard Widgets	✖	MEDIUM	8 hours	Draggable, customizable cards
2.2.10	Export All Reports to PDF	✖	MEDIUM	8 hours	Batch export functionality