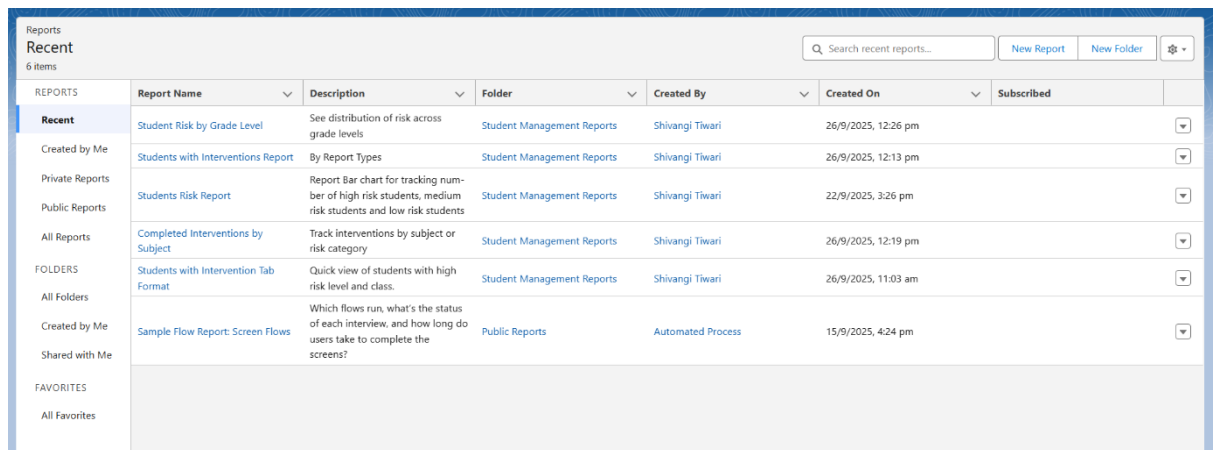


## Phase 9: Reporting, Dashboards & Security Review

### 1. Reports (Tabular, Summary, Matrix, Joined)

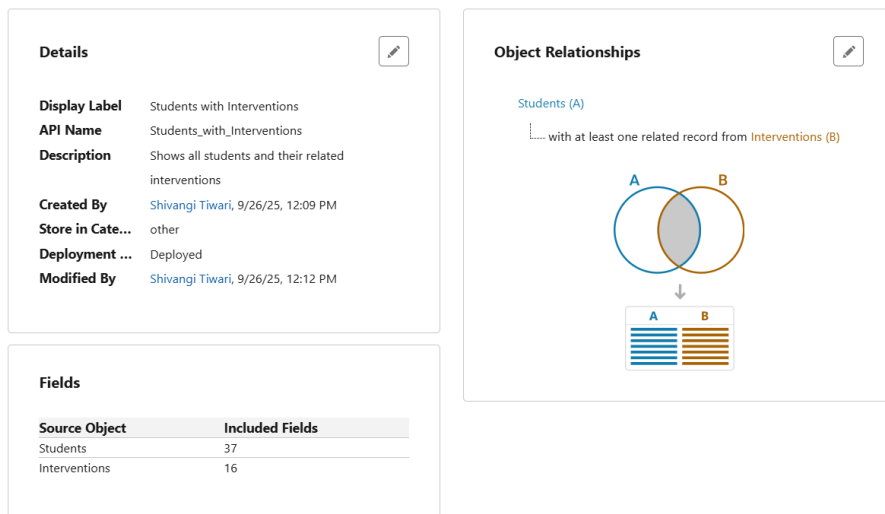
- **Complete Intervention by Subjects:** Summary report showing all interventions grouped by subject.
- **Student Risk by Grade Level:** Matrix report displaying students' risk levels across different grades.
- **Student with Intervention (Tabular):** Lists all students along with their assigned interventions in a tabular format.
- Joined reports were not implemented, as the required insights were covered by the above reports.



Reports						
Recent						
6 items						
Q Search recent reports... New Report New Folder ⚙						
REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Student Risk by Grade Level	See distribution of risk across grade levels	Student Management Reports	Shivangi Tiwari	26/9/2025, 12:26 pm	
Created by Me	Students with Interventions Report	By Report Types	Student Management Reports	Shivangi Tiwari	26/9/2025, 12:13 pm	
Private Reports	Students Risk Report	Report Bar chart for tracking number of high risk students, medium risk students and low risk students	Student Management Reports	Shivangi Tiwari	22/9/2025, 3:26 pm	
Public Reports	Completed Interventions by Subject	Track interventions by subject or risk category	Student Management Reports	Shivangi Tiwari	26/9/2025, 12:19 pm	
All Reports	Students with Intervention Tab Format	Quick view of students with high risk level and class.	Student Management Reports	Shivangi Tiwari	26/9/2025, 11:03 am	
FOLDERS	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	15/9/2025, 4:24 pm	
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

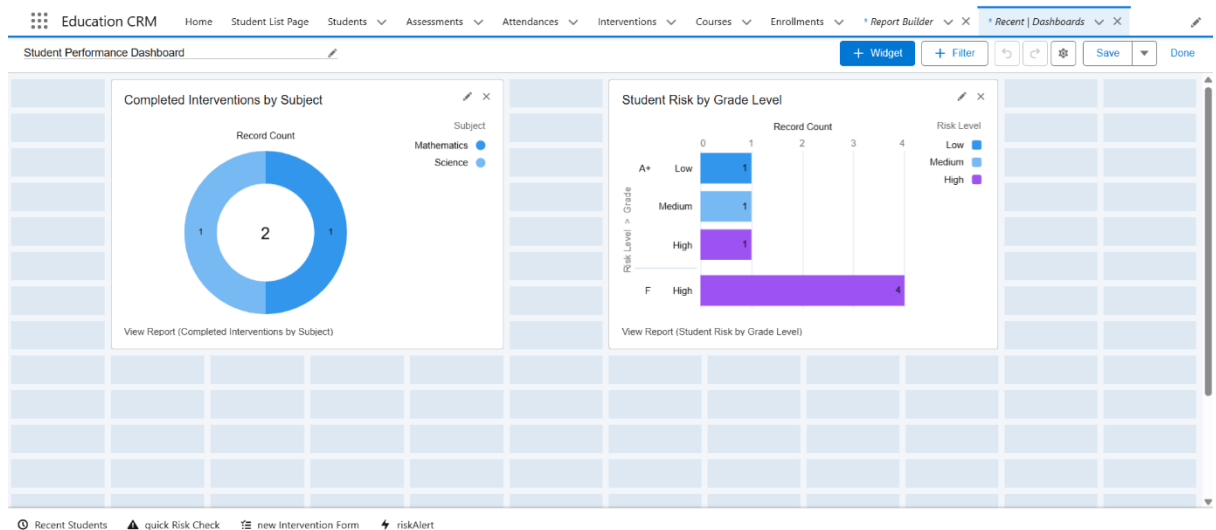
### 2. Report Types

- Custom report types created to link Student\_\_c with Intervention\_\_c.
- Enabled reporting on related objects for comprehensive analysis.
- Deployed to allow faculty, deans, and counselors to generate accurate reports.



### 3. Dashboards

- Visual dashboards created to summarize attendance, interventions, and risk levels.
- Components include bar charts, pie charts, gauges, and tables for quick insights.
- Filters applied to analyze data by grade, subject, or risk level.

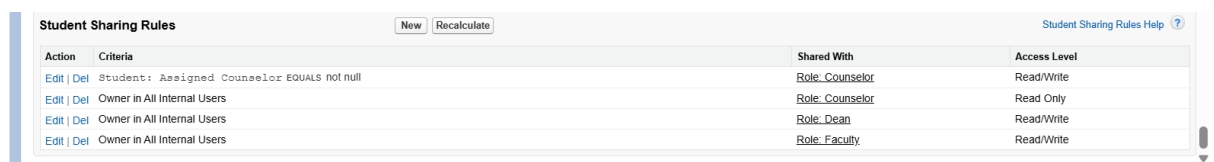


### 4. Dynamic Dashboards

- Dashboards configured to show data **according to user profile/role**.
- Faculty see only their students, counselors see assigned students, and deans see all students.
- Improves role-based decision-making without creating multiple dashboards.

## 5. Sharing Settings

- **Organization-Wide Defaults (OWD):**
  - Student\_\_c → Private
  - Course\_\_c → Private
  - Intervention\_\_c, Enrollment\_\_c, Attendance\_\_c, Assessment\_\_c → Controlled by Parent
- **Sharing Rules:**
  - Dean profile → Read/Write access to all students and related records
  - Faculty → Read/Write access to assigned students and their related records
  - Counselor → Read or Read/Write to assigned students' related records



The screenshot shows the 'Student Sharing Rules' interface. At the top, there are 'New' and 'Recalculate' buttons. On the right, there is a 'Student Sharing Rules Help' link with a question mark icon. Below this is a table with four columns: 'Action', 'Criteria', 'Shared With', and 'Access Level'.

Action	Criteria	Shared With	Access Level
<a href="#">Edit</a>   <a href="#">Del</a>	Student: Assigned Counselor EQUALS NOT NULL	<a href="#">Role: Counselor</a>	Read/Write
<a href="#">Edit</a>   <a href="#">Del</a>	Owner in All Internal Users	<a href="#">Role: Counselor</a>	Read Only
<a href="#">Edit</a>   <a href="#">Del</a>	Owner in All Internal Users	<a href="#">Role: Dean</a>	Read/Write
<a href="#">Edit</a>   <a href="#">Del</a>	Owner in All Internal Users	<a href="#">Role: Faculty</a>	Read/Write

## 6. Field-Level Security

- FLS configured for all profiles to control visibility and edit permissions per field.
- Sensitive fields like Risk Score and Attendance Percentage made read-only for certain profiles.
- Ensures data privacy while maintaining necessary access for faculty and deans.

## 7. Session Settings

- Session timeout set 1 hour to protect sensitive student data.
- Secure session cookies enabled for safer login sessions.
- Automatic logout for inactive users ensures better security compliance.

## 8. Login IP Ranges

- Not implemented; project does not restrict access to specific networks.

- In a real-world scenario, IP ranges prevent unauthorized logins.
- Enhances data security when restricted to trusted networks.

## **9. Audit Trail**

- Setup Audit Trail enabled to monitor administrative and configuration changes.
- Logs provide who made changes and when, ensuring accountability.
- Supports security and compliance audits for sensitive student records.