

# Text Style Query System

## Member roles:

- Mihnea Şeitoaru : frontend developer, market researcher
- Filip Rus : data scientist , marketing
- Leona Popa : backend developer, project manager, social media guru
- Adrian Şorecău : fullstack developer, market researcher

## Backlog - Core Features:

### *1. User Management*

- **Login & Signup:** User authentication (email) and role-based access (Student, Admin).
- **Profile:** Manage personal info and preferred learning style.

### *2. AI-Powered Learning*

- **Learning Style Adaptation:** Customize responses based on the user's learning style.
- **Natural Language Queries:** Users can ask questions in plain language to retrieve information from the Ground Truth (GT) database.

### *3. Writing Style Analysis*

- **Style Detection:** Analyze student writing and compare it with standard styles (e.g., formal, academic).
- **Feedback:** Provide suggestions to improve academic writing (tone, structure, grammar).

### *4. Ground Truth Database*

- **CRUD Operations:** Admins can create, update, delete, or retrieve data.
- **Search & Annotation:** Search the GT database and tag content by style.

### *5. Feedback and Notifications*

- **Feedback:** Instant responses to queries and writing suggestions.
- **Notifications:** Alerts for feedback, assignments, and progress reports.

### *6. Reporting and Analytics*

- **Student Progress:** Track learning progress and generate reports.
- **Content Analytics:** Analyze frequently used topics and GT data.

### *7. Administrative Features*

- **Role-based Permissions:** Set access levels for different users.