

**T-2334**

**PAPER ATLAS**

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# MOTIVATION

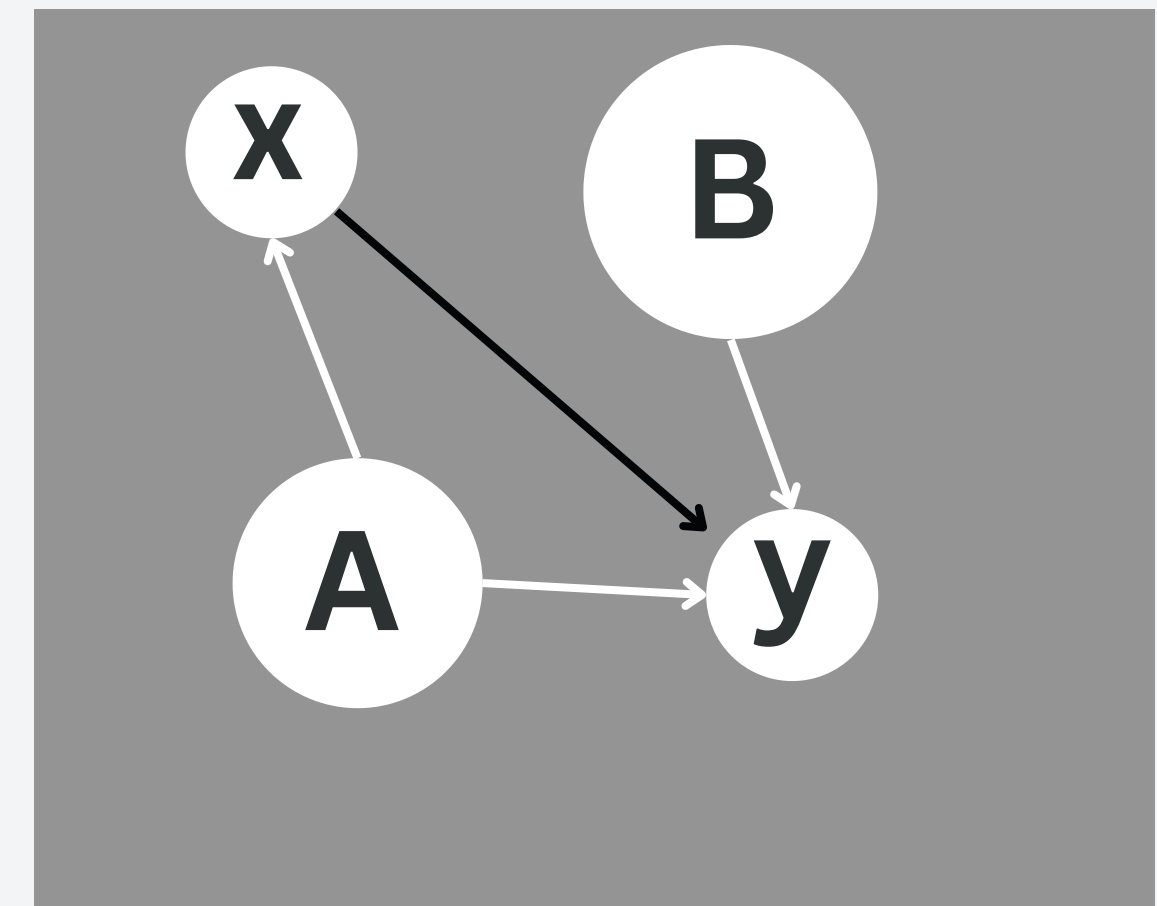
- WE AIM TO IMPROVE THE RESEARCHER'S WORKFLOW
- PROVIDE A BETTER WAY TO SEARCH FOR SCHOLARLY PAPERS
- FIND A WAY TO VISUALIZE PAPERS, AUTHORS AND THEIR RELATIONSHIPS

## Semantic Scholar

- Paper x written by author A
- Paper y written by authors A and B
- Paper x is referenced by paper y



## Paper Atlas



# MAIN TASKS

WP NAME	10/2022	11/2022	12/2022	01/2023	02/2023	03/2023	04/2023	05/2023	06/2023
<i>Project Specification Report</i>									
<i>Analysis and Requirement Report</i>									
<i>Collecting Data</i>									
<i>First Demo &amp; Implementation</i>									
<i>Detailed Design Report</i>									
<i>Final Demo &amp; Implementation</i>									
<i>Final Report</i>									
<i>Deployment</i>									
<i>CSFair</i>									

FIGURE 1 - GANTT CHART

# RISK AND HEALTH

- OVERALL PROJECT HEALTH IS GREEN

Schedule	Resourcing	Budget	Risks	Issues	Benefits
Project is completed on time	The resources (time and team members) are allocated properly	Project is within budget (we used free tier for database, ScholarAPI and deployment)	1) Complex graphs: filters and nice FE 2) Fetching data: ScholarAPI 3) Storing data: large local DB and small remote DB	Some nice-to-haves remain but the main functionality is completed	Project fulfills the motivation.
↓	↓	↓	↓	↓	↓
✓	✓	✓	✓	✓	✓

FIGURE 2 - SOFTWARE PROJECT HEALTH CARD

# OUR ARCHITECTURE

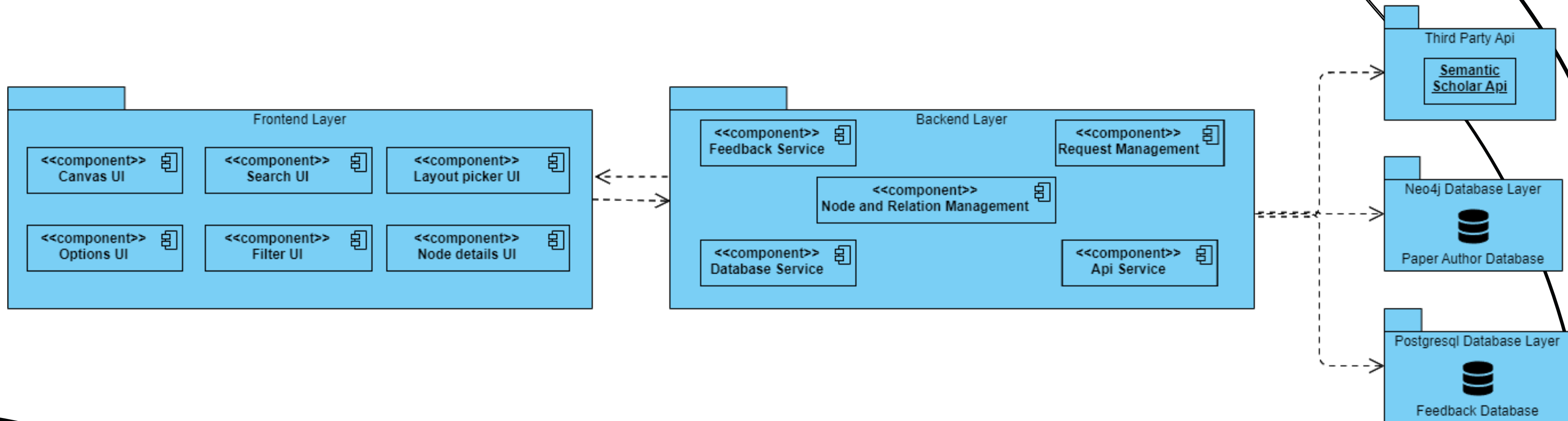


Figure 3 - Subsystem decomposition diagram

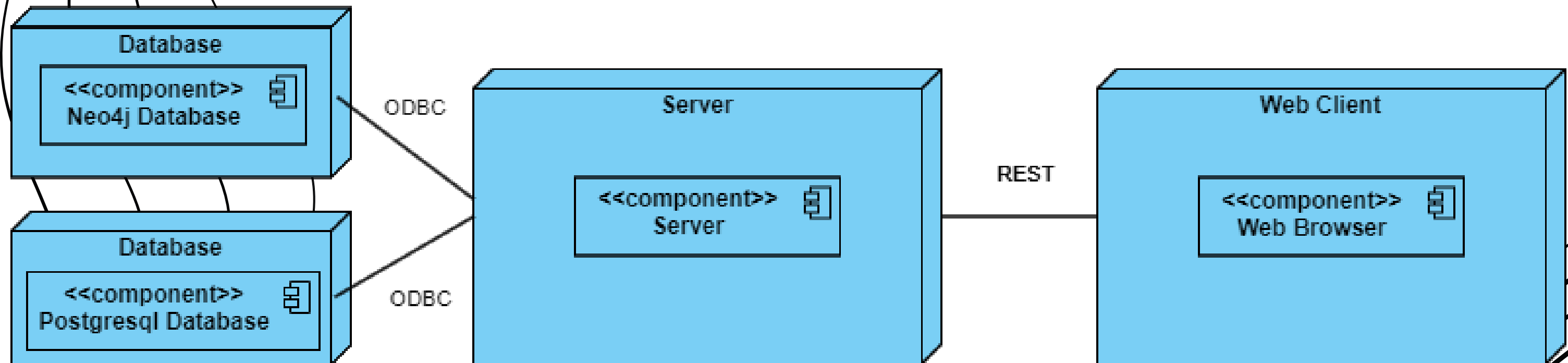


Figure 4 - Hardware/Software Mapping



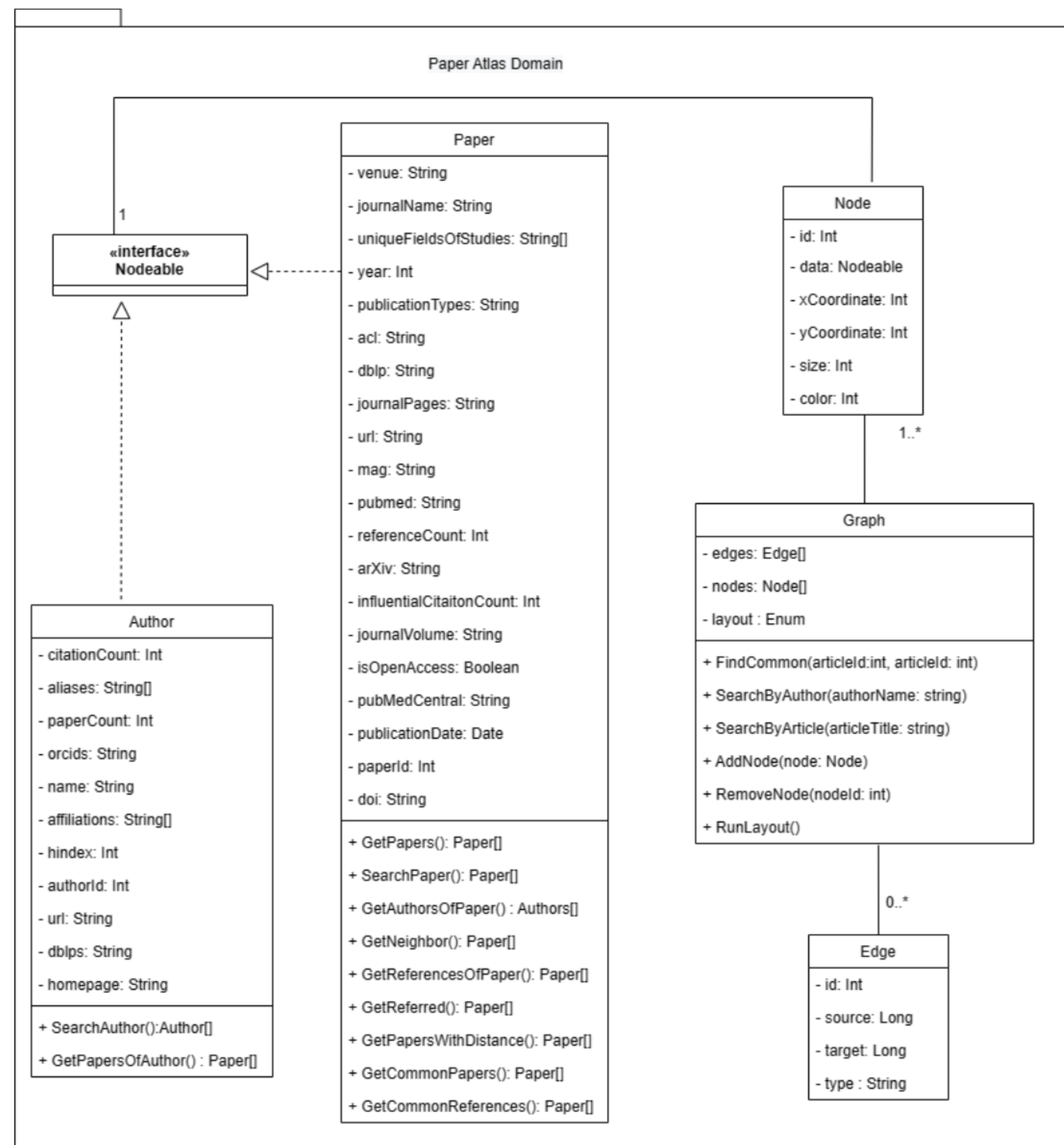


Figure 5 - Class Diagram - Part 1

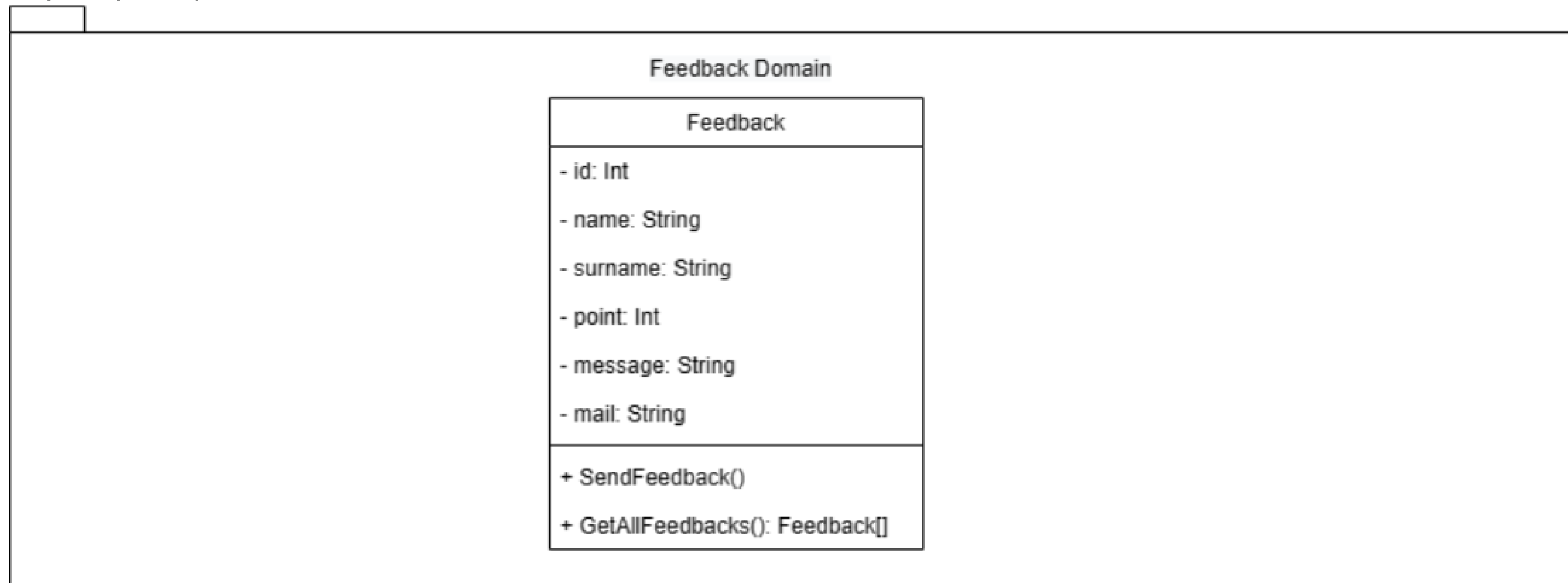


Figure 6 - Class Diagram - Part 2



The background features a series of thin, black, wavy lines that flow from the left side towards the right. These lines are closely spaced and curved, creating a sense of movement and depth. They form a frame-like structure around the central text.

**DEMO**

**THANK'S FOR  
LISTENING**

