Research Graph

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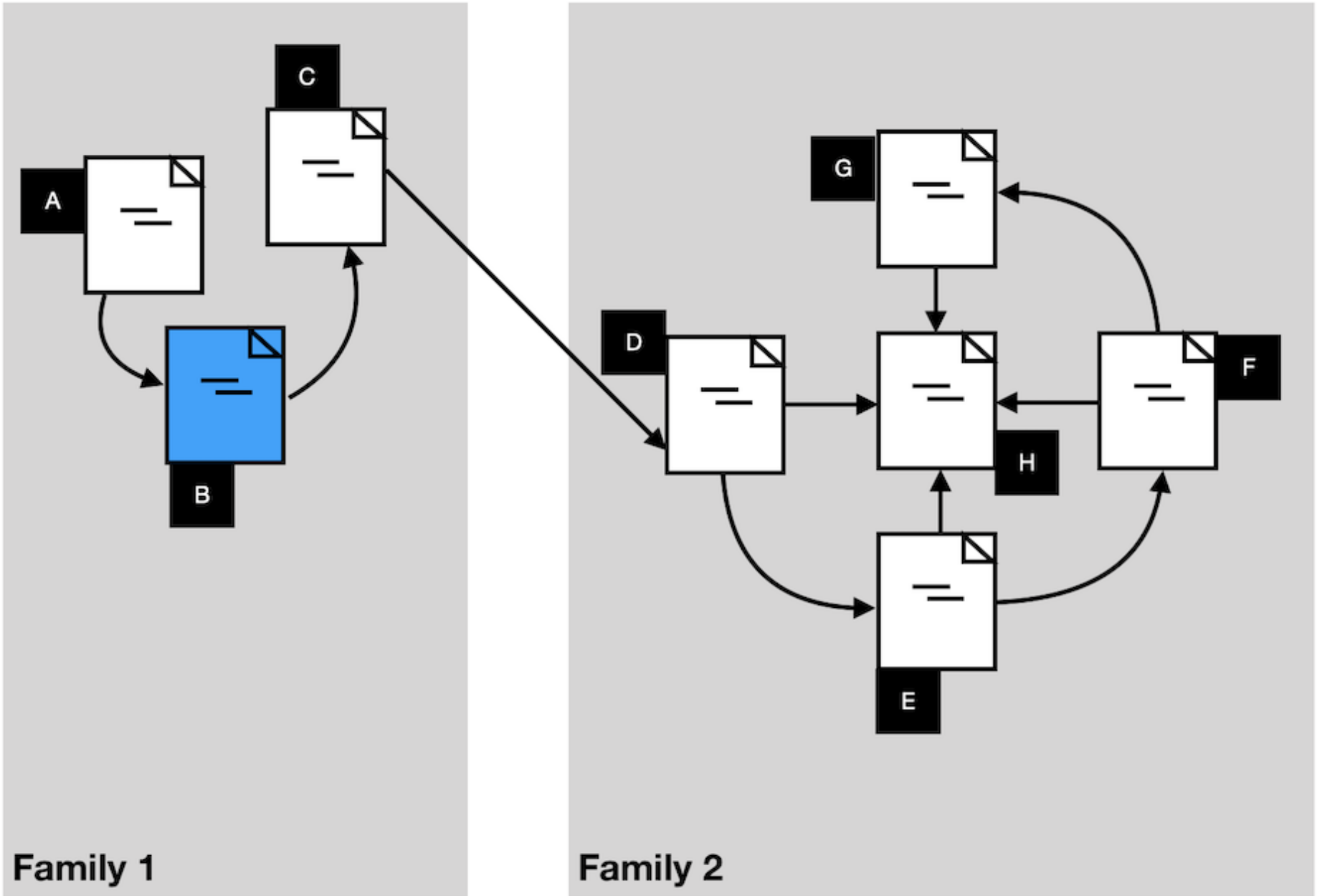
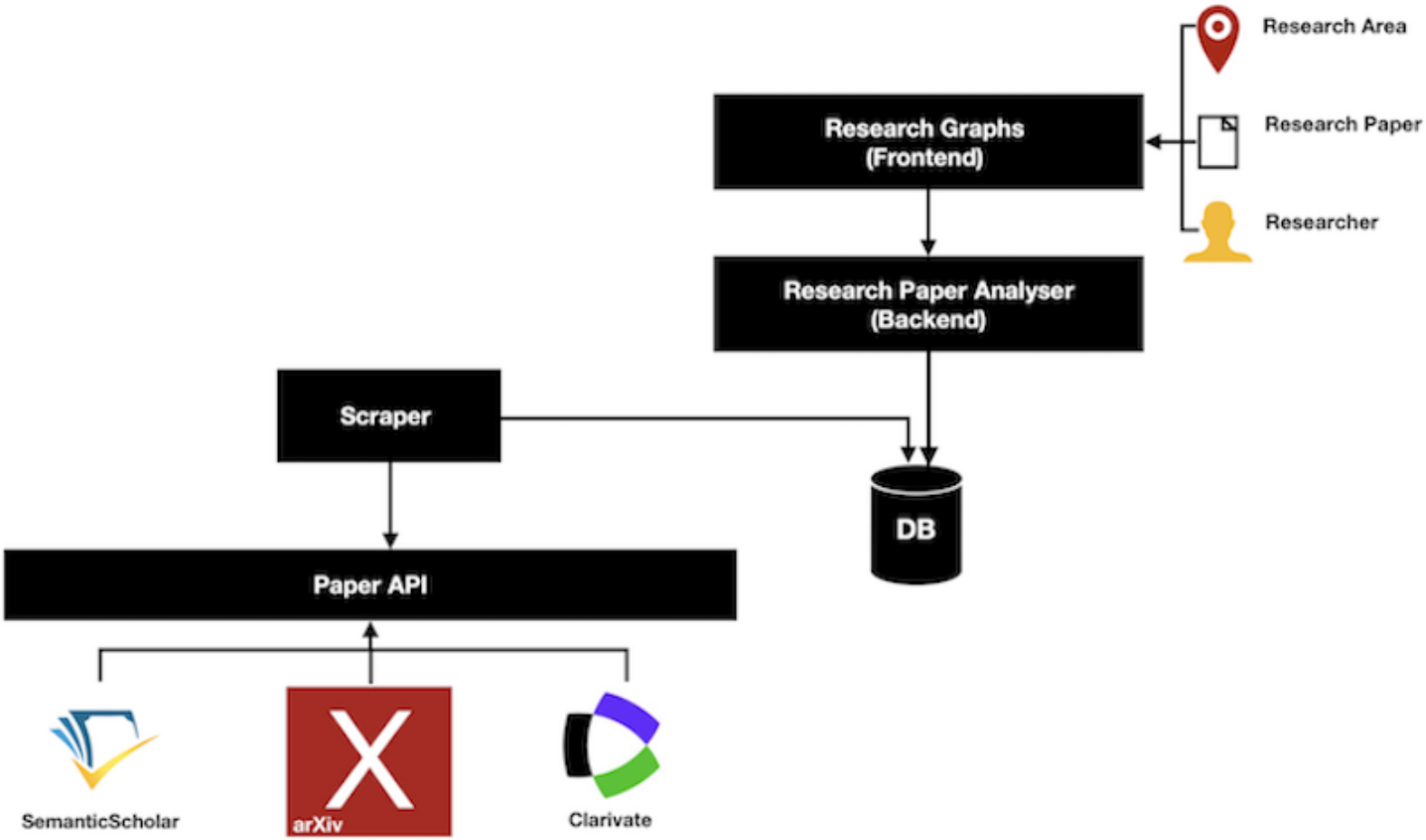
Vision



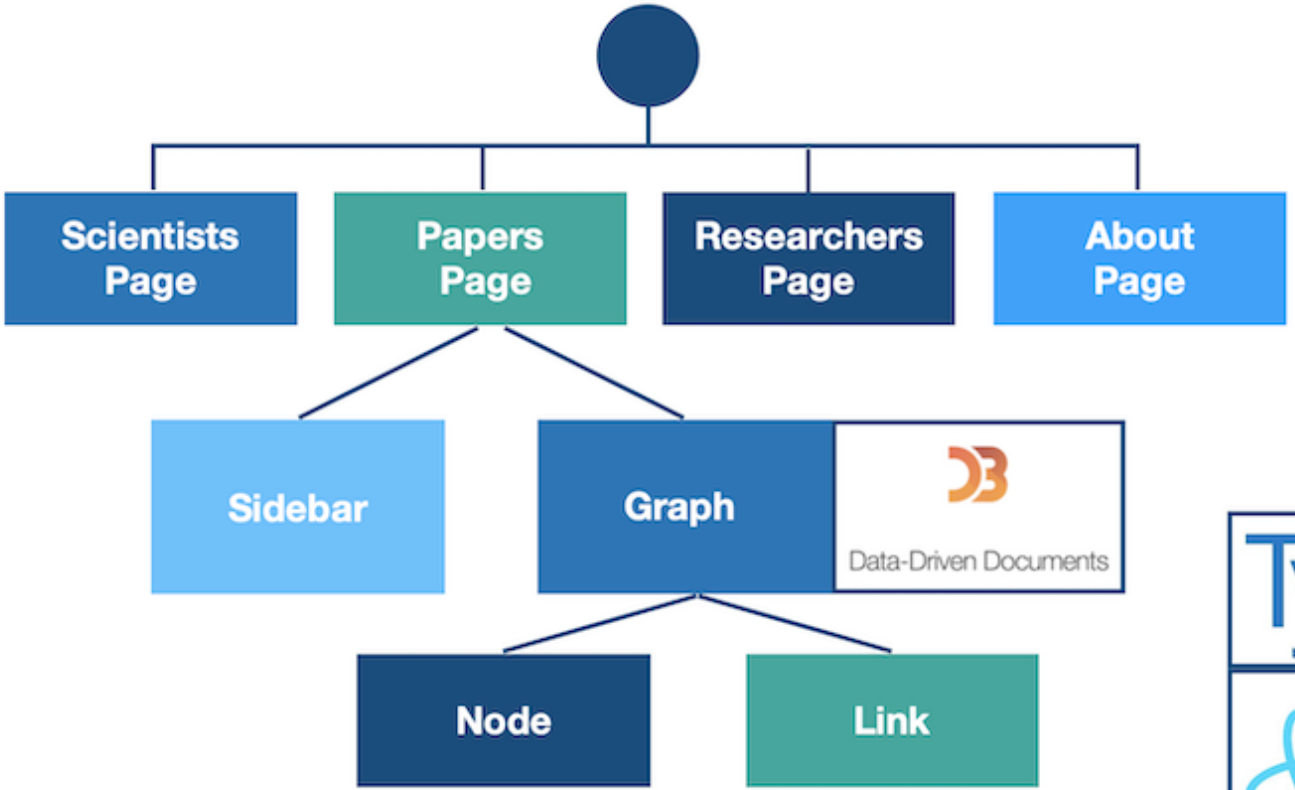
Demo

`Link:http://localhost:3000`

Architecture



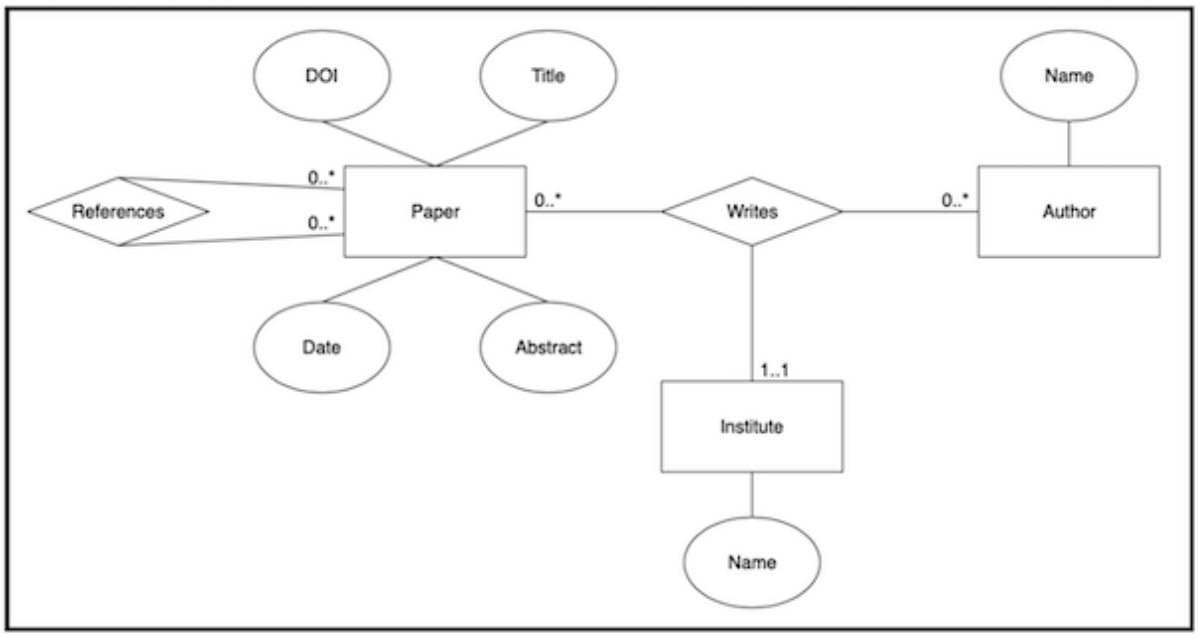
Frontend



TypeScript

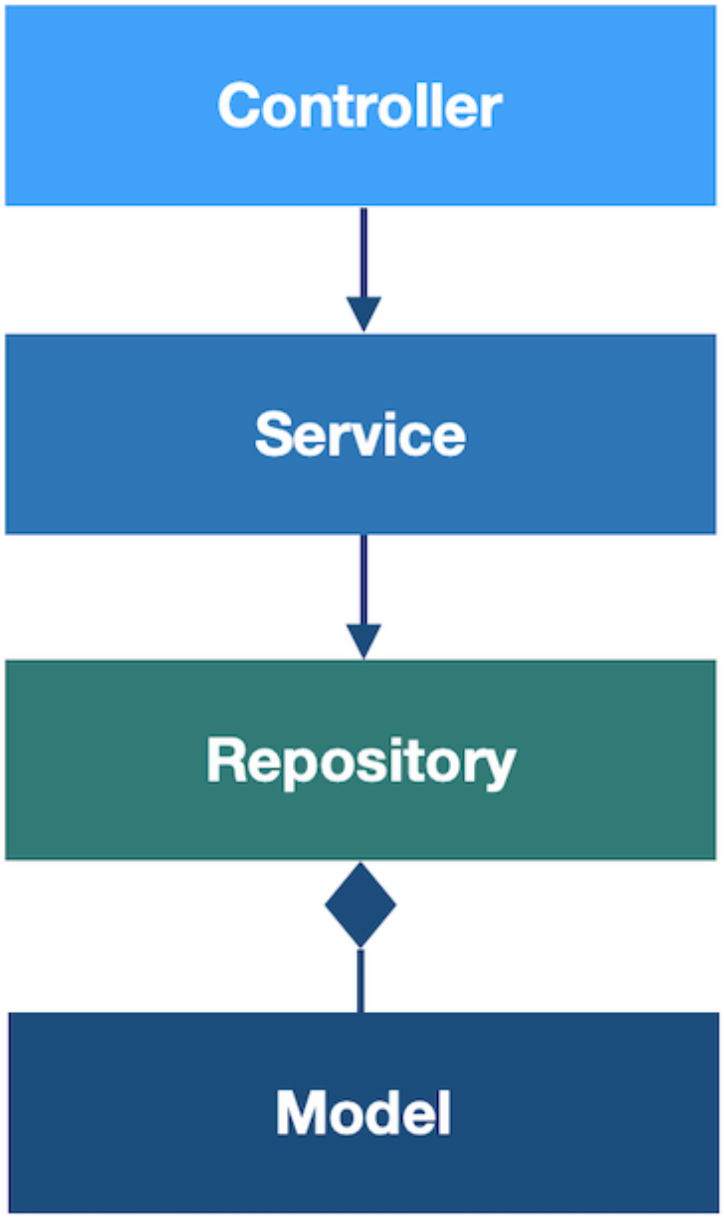
React

Database



PostgreSQL

Backend



Database Interaction

```
with recursive family(from_paper, from_title, from_abstract, from_year, to_paper, to_title, to_abstract, to_year) as (
  select pf.*, pt.*
  from paper pf, reference r, paper pt
  where pf.id == r.from_paper and pf.title == '" + title + "' and pt.id == r.to_paper

  UNION ALL

  select f.to_paper as from_paper, f.to_title as from_title, f.to_abstract as from_abstract, f.to_year as from_year, pt.id as
        to_paper, pt.title as to_title, pt.abstract as to_abstract, pt.year as to_year
  from family f, reference r, paper pt
  where f.to_paper == r.from_paper and pt.id == r.to_paper)

select *
from family
```

Github

https://github.com/Jibbow/research-paper-graph

Thank you