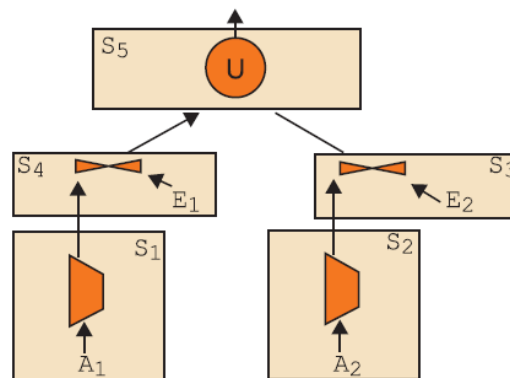


Activity: Distributed Query Processing

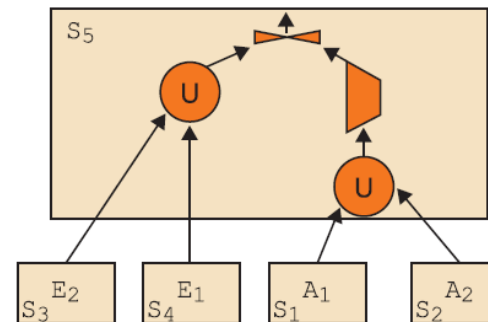
What are the main differences between these two distributed access plans?

1. Under which assumptions is one or the other better?

```
SELECT *
FROM employee e, assignedTo a
WHERE e.#emp=a.#emp AND
a.responsability= 'manager';
```



Access Plan A



Access Plan B

AssignedTo (#emp, #proj, responsibility, fullTime)

- S₁: A₁ = AssignedTo(#emp≤'E3')
- S₂: A₂ = AssignedTo(#emp>'E3')

Employee (#emp, empName, degree)

- S₃: E₂ = Employee(#emp>'E3')
- S₄: E₁ = Employee(#emp≤'E3')