

Projeto Solar

Relatório de Projeto

Matemática Discreta

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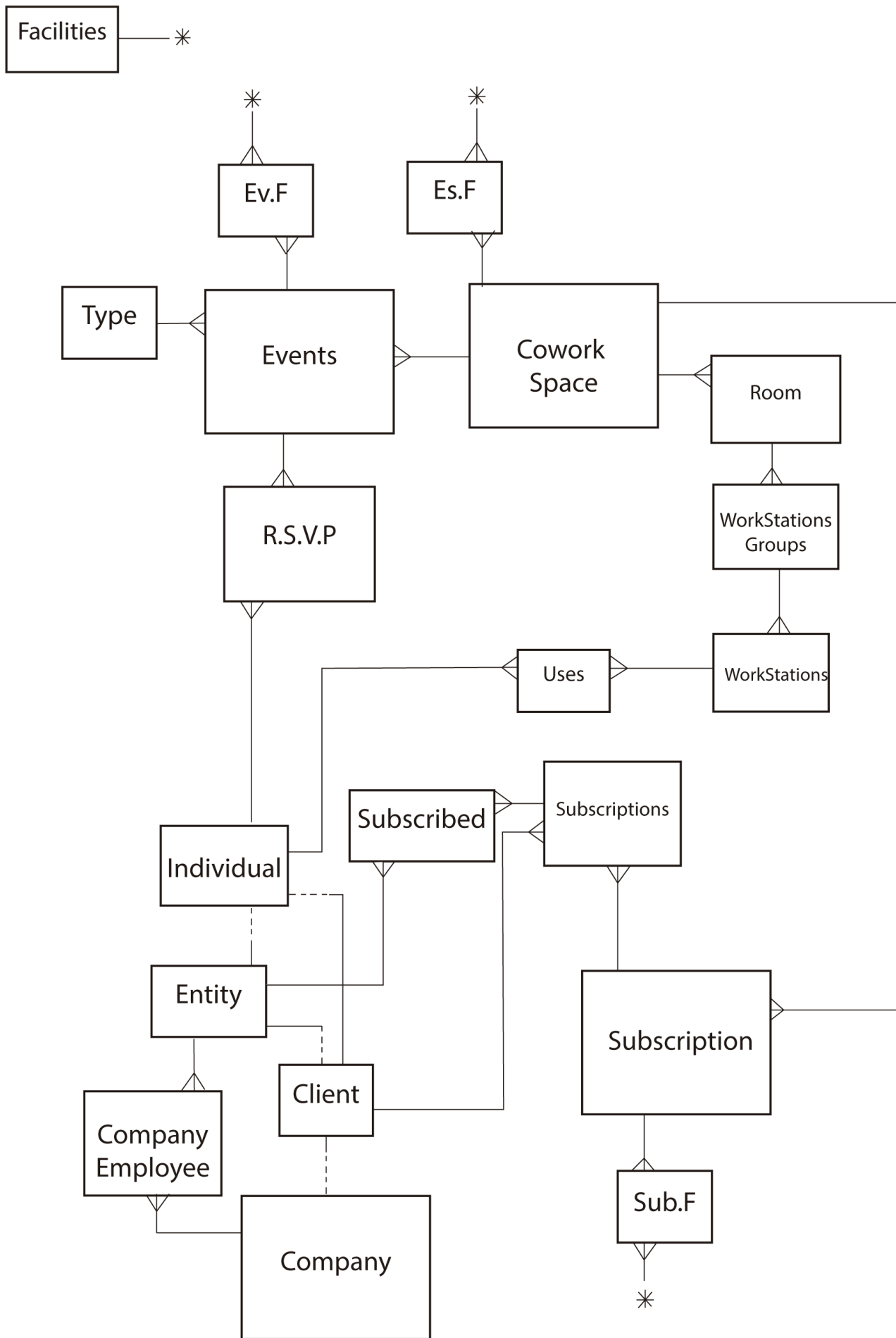
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Turma: D1

Grupo 2

Objetivos:

- Percentagem de Capacidade Atual ---> Parcialmente
- Dia com Mais Uso ---> Parcialmente



Percentagem de Capacidade Atual:

Código:

```
select
  concat((count(wus_final_time) / count(*) * 100), "%") as Rate_de_Capacidade,
  wgr_wsp_id
from workstations_uses
inner join workstation on wks_id = wus_wks_id
inner join workstations_group on wgr_id = wks_wrg_id
inner join workstations_space on wgr_wsp_id = wsp_id
group by wgr_wsp_id
```

Resultado:

Rate_de_Capacidade	Espaço
55.5556%	1
31.2500%	2

Dia com Mais Uso

Código:

```
Select
    occupied_day,
    total_usages
From (
    SELECT
        DATE(wus_init_time) AS occupied_day,
        count(*) AS total_usages
    FROM
        workstations_uses
    GROUP BY
        occupied_day) usesB

where total_usages = (Select
    max(total_usages) From (
    SELECT
        DATE(wus_init_time) AS occupied_day,
        count(*) AS total_usages
    FROM
        workstations_uses
    GROUP BY
        occupied_day) usesA);
```

Resultado:

occupied_day	total_usages
2019-01-01	16