

Kids Crew - A Child Care Service

Milestone: Implementation in NoSQL

Group 11

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Percentage of Effort Contributed by Student1: 50%

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# Implementation in Neo4j

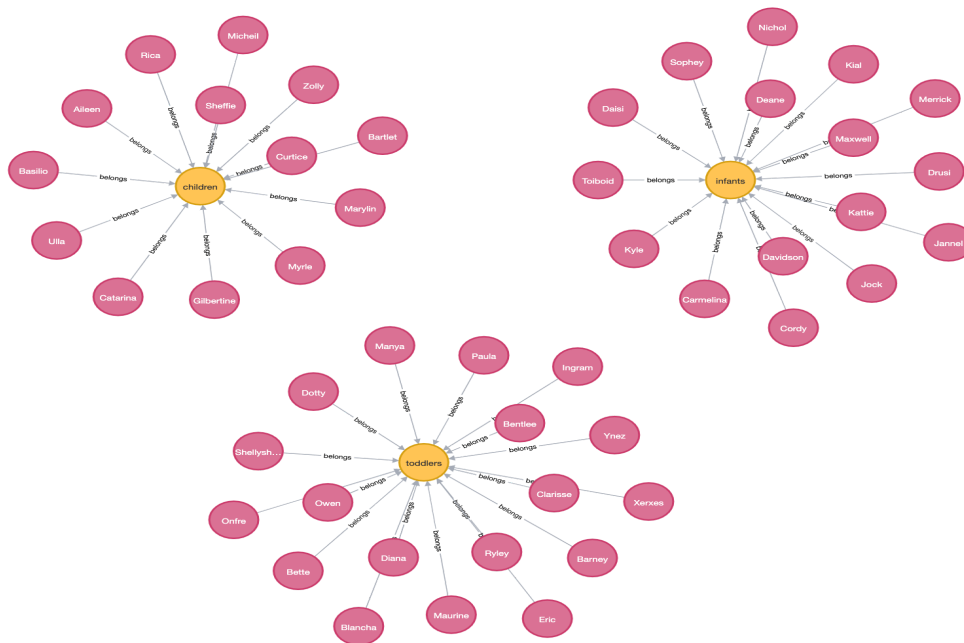
Loading the Children Database by using Cypher Query in Neo4j Desktop

```
LOAD CSV WITH HEADERS FROM
"http://localhost:11001/project-06152b4e-b8a5-469a-b339-1c59695f0743/children.csv" AS
csvLine
MERGE (age_group:AgeGroup {age: csvLine.age_group})
CREATE (child:children {name: csvLine.c_name})
CREATE (child)-[:belongs]->(age_group)
```

Graph Visualization:

```
MATCH (n) RETURN n LIMIT 50
```

OUTPUT:



Loading Parents Data and creating relationship based on occupation

```
LOAD CSV WITH HEADERS FROM
"http://localhost:11001/project-06152b4e-b8a5-469a-b339-1c59695f0743/parent.csv" AS
csvLine
MERGE (occupation:Occupation {occupation: csvLine.occupation})
CREATE (parent:Parent {name: csvLine.p_name})
CREATE (parent)-[:occupation_is]->(occupation)
```

Graph Visualization

```
MATCH p=()-[r:occupation_is]->() RETURN p LIMIT 50
```

OUTPUT:

Here we can see the occupation of parents who are looking for babysitters

