This is a readme for the call data application to determine the users with the strongest connection.

It determines through calls made between them and uses the total duration talked rather than the number of calls to ensure more accuracy.

It is implemented using a graph that uses an adjacency list.

The graph contains a node and an edge.

The node contains the name of the person and the edge store the name of the caller, name of the person called and the weight which is the total duration of their calls.

Below is an illustration of how it works

DATA

| CALLER | PERSON CALLED | TOTAL CALLS DURATION |
| --- | --- | --- |
| James | Lewis | 11 seconds |
| James | Timothy | 90 seconds |
| Lewis | Timothy | 70 seconds |
| Timothy | Mercy | 50 seconds |
| Lewis | Mercy | 110 seconds |
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