Project Design Phase-II
Data Flow Diagram

Date	29 October 2022
Team ID	PNT2022TMID41755
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Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

```
          ┌─────────────┐
          │    Start    │
          └──────┬──────┘
                 │
                 ▼
        ┌─────────────────┐
        │  Yolo v3 model to │
        │  detect the person │
        └────────┬────────┘
                 │
                 ▼
        ┌─────────────────┐
        │ Open CV age detection │
        │ with Deep learning │
        └────────┬────────┘
                 │
                 ▼
            ◇ Person is
              drowning        NO ──────▶ ┌────────┐
              or not                     │ False  │
            ◇                            └────────┘
                 │
                 │ YES
                 ▼
           ┌────────┐
           │  True  │
           └───┬────┘
               │
               ▼
        ┌─────────────┐
        │ Send alert  │
        │ message     │
        └──────┬──────┘
               │
               ▼
          ┌─────────┐
          │   End   │
          └─────────┘
```