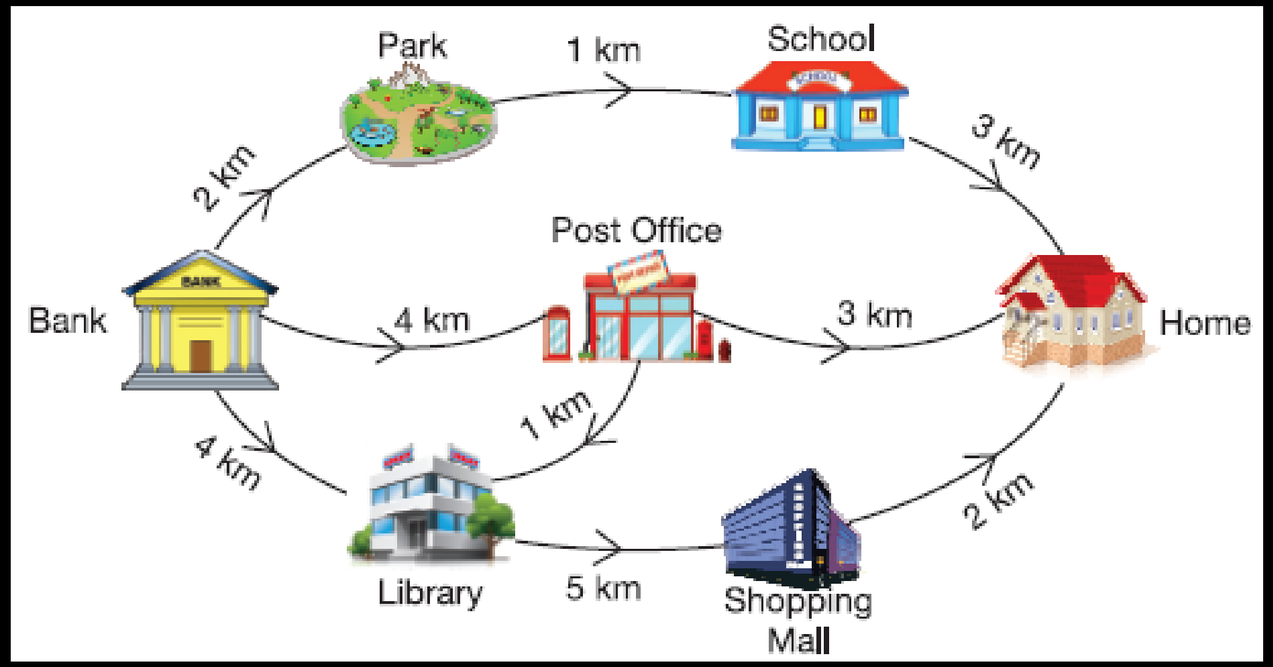

OPTIMAL
PATH

Problem Statement

One of the challenging tasks of AI is to find the optimal path from one place to the destination place. The project idea is to find the optimal path for a vehicle to travel so that cost and time can be minimized.

WEIGHT CALCULATIONS



Positive Weights
Negative weights

ALGORITHM

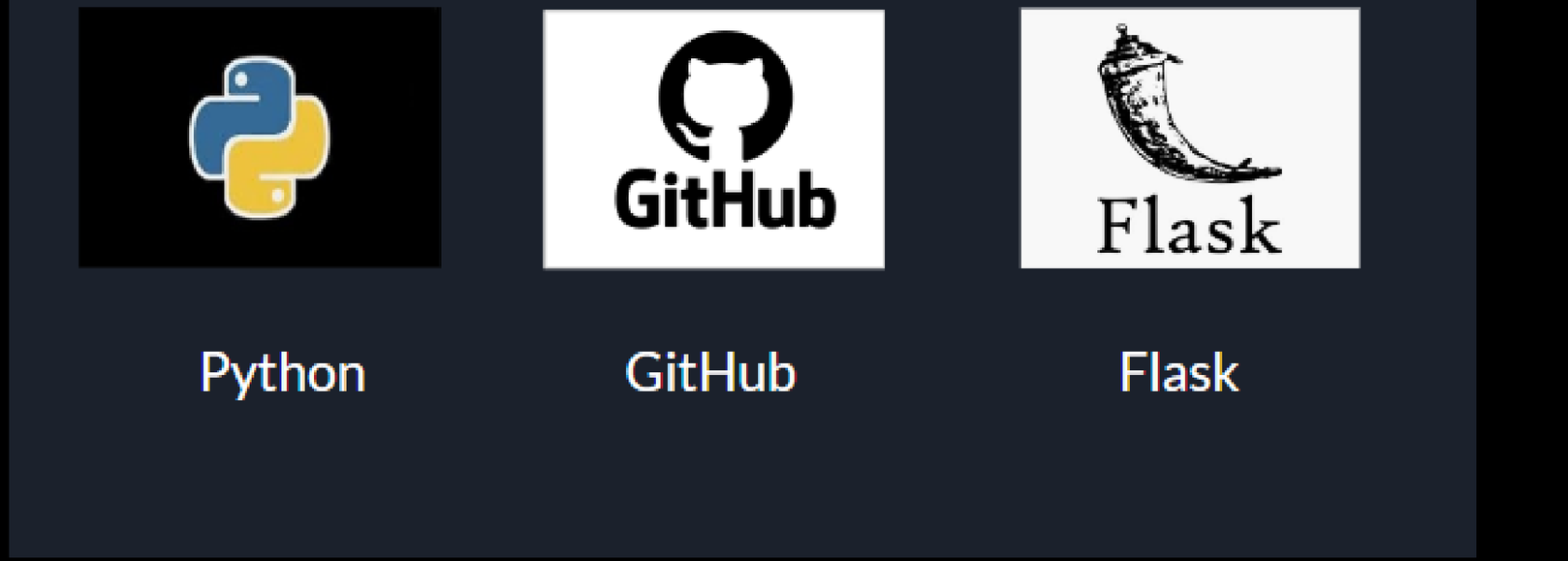
Algorithmic combination or hybridization using:

- Dijkstra's Algorithm
- Bellman-Ford algorithm (for negative weights as it doesnot assume the weight edges)
- A* Algorithm

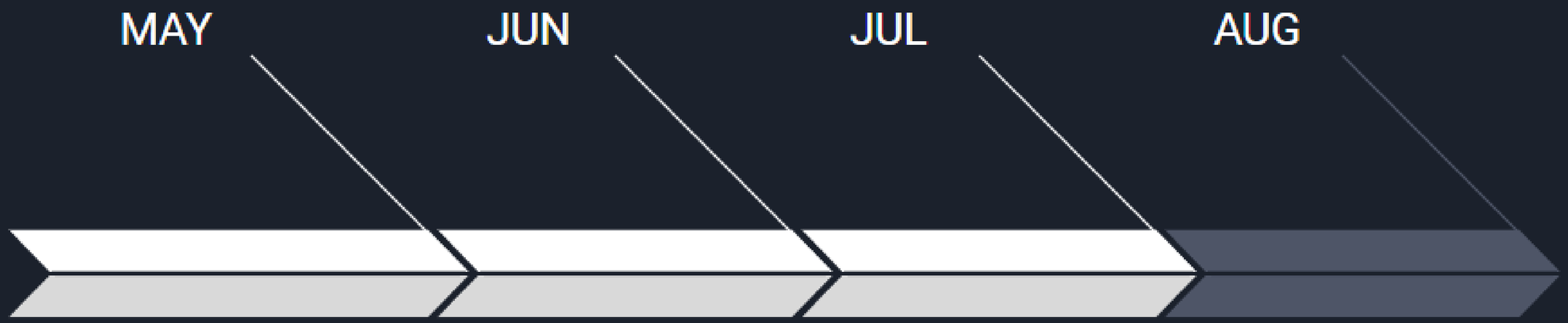
TARGET AUDIENCE

- Network routing
- Routing in transportation networks
- Urban Planning City
- Emergency response planning
- Autonomous Vehicle Industry

TECHNOLOGIES



PROJECT TIMELINE



Project Warmup

Minimum Variable product(20%)

Minimum Marketable product(75%)

Final Presentation

Thank You

- Group
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