**CS607 GDB Spring 2024**

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**Answer:**

According to the above given scenario I am choosing an **Informed Search** Strategy for Traffic Routing App.

**Reason that I chose Informed Search:**

Informed search is like having a map with hints telling you where to go. It considers additional information (heuristics) to make smarter decisions.

* **Efficient Navigation:** It uses heuristic information (like traffic status) to guide the search efficiently toward the goal.
* **Real-time Updates:** Helps the app make quick decisions based on real-time traffic updates, ensuring users reach their destination on time.
* **Avoids Congestion:** With informed search, the app can dodge busy routes, saving time and frustration for users.

**Conclusion:**

Informed search, with its smart decision-making approach, is the best fit for developing a traffic routing app. It ensures efficient navigation, real-time updates, and avoidance of congested routes, ultimately improving the commuting experience.