***SCCJ/00636/2021***

***DAILY ROUTE PLANNER PROJECT***

A route planner takes into account details like **speed limits**, helping you avoid routes likely to slow you down. One-way streets are another possible timewaster that a route planner considers when charting a driving path. And so, this helps you to choose alternate and suitable paths. This is also economical when moving from one place to another.

By prioritizing efficiency, it helps delivery professionals save time and stress, making work easier. Getting deliveries done fast keeps your customers satisfied and your bosses happy. Plus, it means you get to finish your workday and kick back on the couch — or pick up more jobs to make some extra money, depending on your preference. Good route planning focuses on delivering packages fast and in the most cost-effective way possible. It can also help save your hard-earned cash by cutting fuel expenses. And it can be hard to adjust your routes in real time once you’re on the road. Plus, you might not be aware of things like traffic jams or construction, which can lead to delays — keeping you working even later.

**ACTIVITY DIAGRAM SYMBOLS**

Initial state – Initial states: The starting stage before

an activity takes place is depicted as the

initial state.

Final state – Final states: The state which the system reaches when a specific process ends.

activity- indicates that an action is being performed

control flow- shows activity moving from one state to the other

decision box- represents a decision with alternate paths.

fork node- used to generate

concurrent flows within an activity.

join node- Join nodes are used to support concurrent activities converging into one.

merge node- used Scenarios arise when activities are not being executed concurrently have to be

merged.