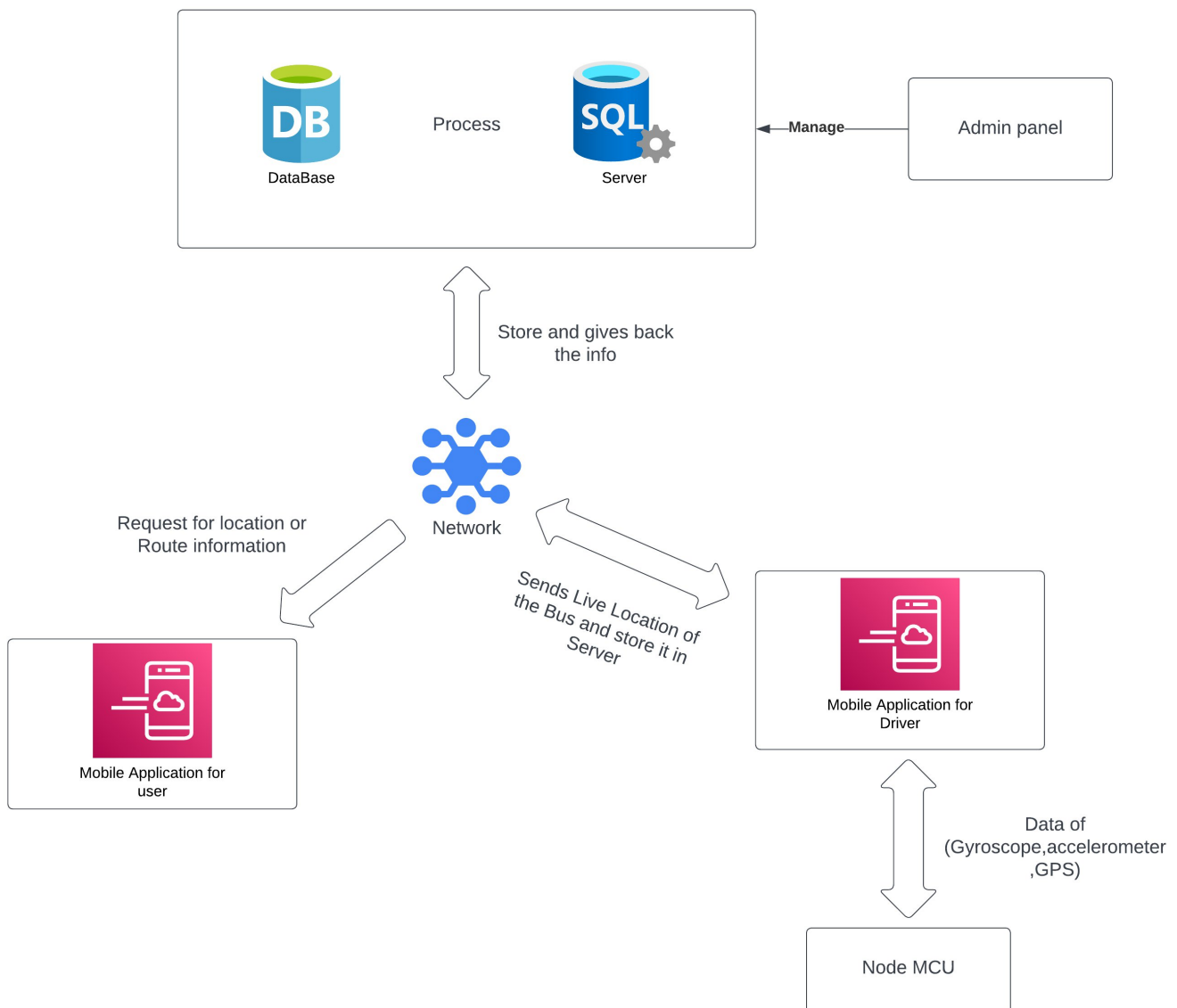


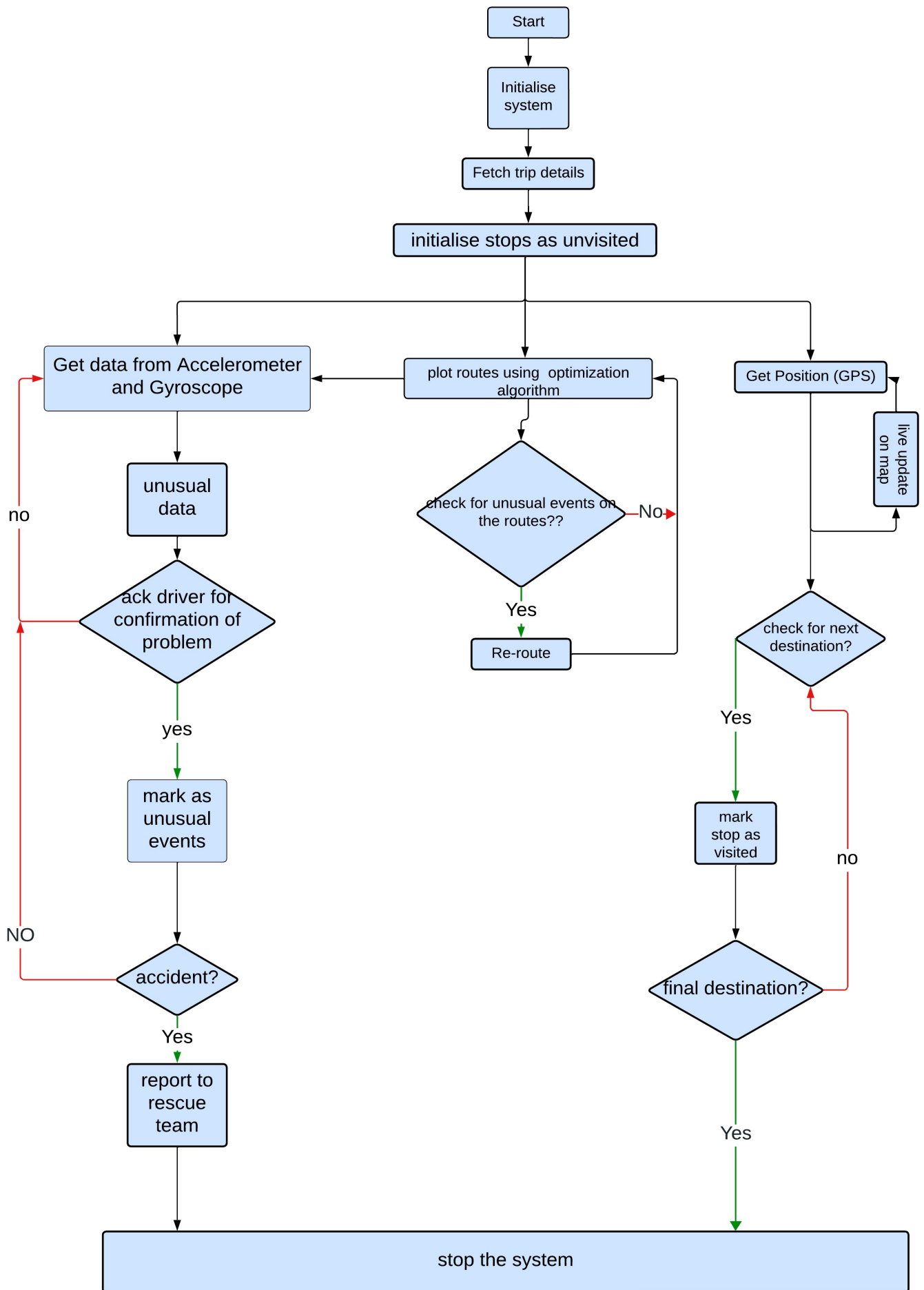
IOT PHASE - 2

Public Transport Optimization

Unforeseen circumstances can sometimes disrupt public transportation such as breakdowns, road closures, or inclement weather. Internet of Things will enable districts to more easily re-route vehicles, notify passengers, and help them make alternate arrangements. In the event of an unforeseen circumstance, transit agencies will be able to notify passengers ahead of time by sending out alerts to their mobile phones instead of leaving passengers in the dark. IOT technology will also better enable transit agencies to develop a contingency plan in the event of an unforeseen circumstance. For example, in the event of a disruption in rail service, transit agencies can take information from ticket scanners that are connected to the internet to determine how many passengers are on the train instead of waiting on a conductor to relay the information. The transit agency can then determine how many buses to use in a bus bridge to reduce the inconvenience experienced by passengers.



Block Diagram



Flow Chart