Base problem:

* Hubs are given
* Inbound goods and outbound goods for each hub is given
* Number of trucks (of max volume ‘V’ is given) from hub\_i to hub\_j is known
* Distances is known

Can we get a soln such that the goods can be transported?

What is the objective here?



Work assignment:

Kshitij

* path planning algorithm for obtaining the routes
* Gather real life data

Bhargav

* simulation working formulation and design
* List down all the topics that are taught in IE and can be incorporated in our model

Gangadhar - fixing model4

Adesh - time constraints

Presentation detials:

* First mile, mid mile, last mile: Explanation
* Need for optimising mid mile

Mid mile optimisation:

* Cost minimize
* Output:
  + For each commodity, which route should we opt
  + In each edge/leg - how many trucks should be sent and what should be there mode