

# Research Proposal

---

## Vessel Slot Prediction in Terminal Operation

Now a days, worlds logistics transport is handling by the port terminals.

Vessel operator's profit is based on the service turnaround time by the port. To load and discharge a container, more than 10 operations has to be performed. If one operation gets delay it will affect the operations of the remaining containers in the vessel.

The best slot on a particular day can be found by considering the in/out flow of the terminal, equipment operators and other operations.

Every vessel operator wants to get the best slot of the day.

By collecting historic data of the port operations and containers movements, we can able to predict best possible slot for the future days.