API Server: Responsible for the communication within the cluster (harbour).

Container (1 or more): The cargo of pods. This can be applications.

Controller Manager: Checks the desired amount of pods (containerships).

Deployment: A manifest with information retrieved that contains an amount of pods (containerships). The amount of pods declared here, are the desired state of pods.

Docker Daemon (Crane): Accepts request from kubelet (crane worker) and spin up or remove a container.

Kubelet (Crane worker): Accepts requests from the master node.

Kubernetes Cluster: The harbour.

Master Node: Head Office from the Kubernetes Cluster.

Namespace: An independent workspace within the cluster (harbour).

Pod (Containership): Contains one or more containers.

Scheduler: Decides to which pod (containership), the application will be deployed to.

Service: A functionality within Kubernetes to let pods communicate with each other or with the internet, by using labels and selectors.

Worker Node (Terminal): Retrieves information from the Master Node and executes it.