<Title Goes Here>

# <Port Idea>

The Story

Parsing Scenario

Tasks/Goals

Swim Lane Diagram

Analytic Problems

<https://www.saab.com/globalassets/products/ips/portcontrol-port-management-information-system/saab-brochure-portcontrol-print.pdf>

<https://www.youtube.com/watch?v=YfDFKgGNP6s> Interesting video on outline the port shipment process. many videos on the topic

<https://www.cisco-eagle.com/catalog/category/3091/security-at-the-shipping-docks>

# <Work Idea>

The Story

Parsing Scenario

Tasks/Goals

Swim Lane Diagram

Analytic Problems

<https://www.techinternship.io/>

Anderson

The business case for the work idea could be a person looking for work.  
Alternatively, a person posting a job offering or selecting potential options for interviews.

<https://www.topresume.com/career-advice/job-search-apps>

<https://www.indeed.com/about>

For Port Management Software:

<https://www.g2.com/categories/harbor-operations>

Keanu

<https://www.youtube.com/watch?v=2JcHMhtH6_s&t=1s>

Rotterdam Port Robotics

<https://www.ibm.com/blogs/industries/port-of-rotterdam-digitization-energy-transition/>

IBM

Base for diagram:

<https://www.youtube.com/watch?v=YfDFKgGNP6s>

<https://www.visualcapitalist.com/visualized-how-much-revenue-automakers-generate-every-second/>

<https://www.mckinsey.com/industries/travel-logistics-and-transport-infrastructure/our-insights/ports-and-shipping-the-need-for-solutions-that-cross-lines>

“we heard many more requests for reliable delivery dates and better transparency when things go wrong.”

-Mckinsey

Mohit

<https://www2.deloitte.com/content/dam/Deloitte/nl/Documents/consumer-business/deloitte-nl-cb-global-port-trends-2030.pdf>

**Datasets for analysis**

<https://www.maridata.com/APIs.aspx#API>

**Sample Analysis project in Big data**

<https://datasciencecampus.ons.gov.uk/analysing-port-and-shipping-operations-using-big-data/>

<https://datasciencecampus.ons.gov.uk/wp-content/uploads/sites/10/2020/04/Report_Analysing_port_and_shipping_operations_using_big_data_June2018.pdf>

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<https://www.patersonsimons.com/wp-content/uploads/2018/06/TMS_SmartPort_InsightBee_Report-to-GUIDE_01.02.18.pdf>

Tasks and Goals

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Port & Shipping System** | **Cargo Loader** | **Shipping Agent** |
| **Tasks** | · Process shipping request  · Generate tracking IDs  · Port details(Port ID, Name, Address, Authority)  · Storage management for products and goods  · Property and visit management  · Alarm and Incidents control  · Confirming cargo load in ship | |  | | --- | | · Inspection on products or goods  · Request for loading approval  · Scan items  · Provide loading pictures  · Cargo transport to docks  · Safety Drills time to time basis | | · Custom check on products  · Refilling food, water  · Managing crew requirement  · Local Currency supply  · Paying customs dues |
| **Goals** | |  | | --- | | · Managing port storage property considering safety of products and goods  · Getting approvals for shipping  · Billing and resources management  · Time to time training for workers | | |  | | --- | | · Loading and unloading ships  · Identify defective items through inspections  · Keep themselves physically fit | | · Fulfill ship crew generic requirements  · Handling paper work at each port for docking  · Getting customs checks clear |