Tesla Inventory Management System
BOSCARD

Background & Opportunity

Create an inventory system for Tesla. It should allow:

- Customers to place orders

- Production team to figure out which cars to produce
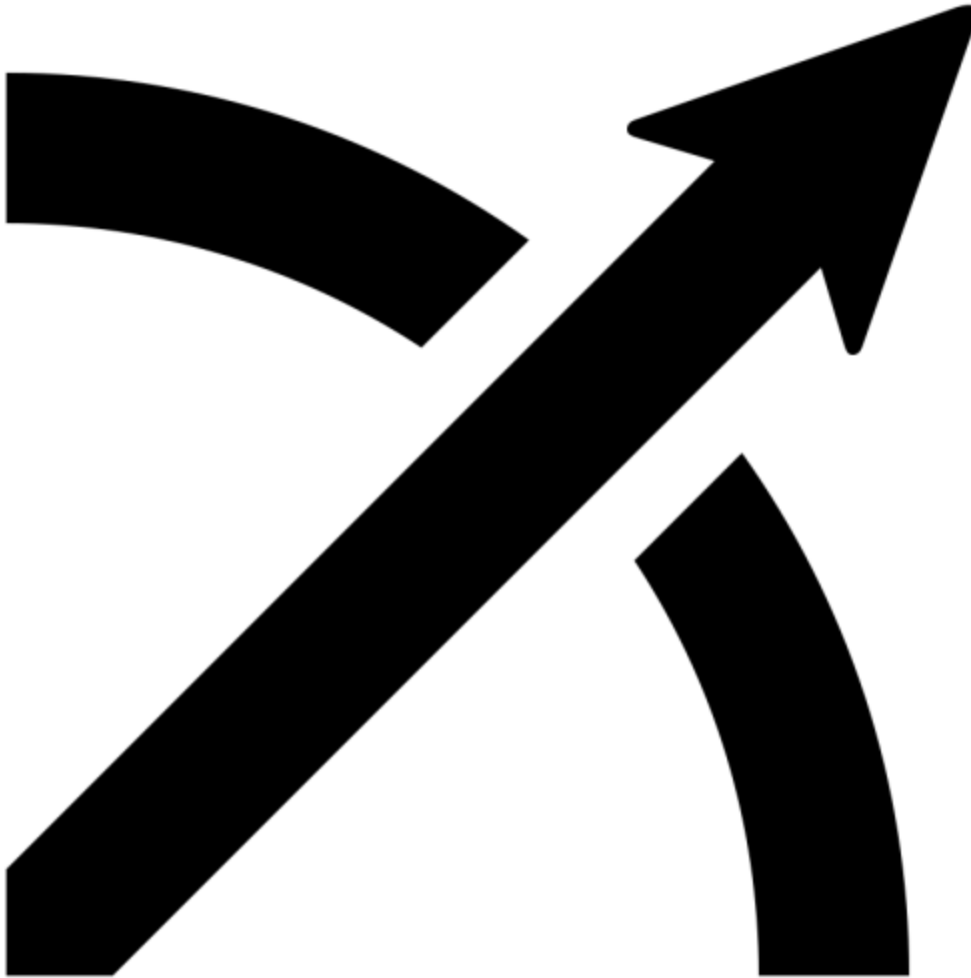
- Logistics to find where to ship orders

Objectives & Benefits

Build an inventory system (MVP) by 15/05/20. It must satisfy the following requirements:
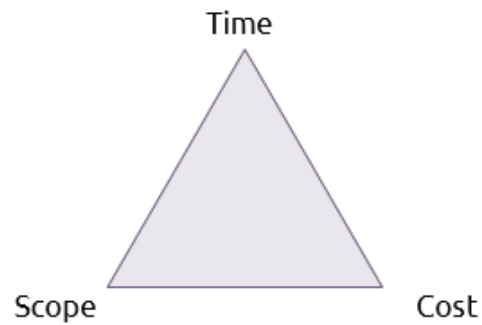
- MVP

- Allow the use cases mentioned above

- The program must link up to a relational database system

- Allow users to interact with the system via the command line/terminal

Scope In/Out

The inventory system will affect the Logistics, Production departments and Customers. So these departments must be included throughout development to make sure they are satisfied with the product.

Constraints & Risks

Constraints:

- The program must be written in Java

- Must link to MySQL database

- Must use Git Kaban project board

- Push to a repository at least once a week

- All data must be stored safely and securely (more on this in risk assessment)

- Users must interact with command-line/terminal

- Project does not get completed on time

Assumptions & Dependencies

- Pandemic won't significantly affect workflow

- Training continues and Premal understands how to apply the concepts to the project

Roles/ Governance

RACI Definitions

R	**Who is Responsible**	The person who is *assigned* to do the work
A	**Who is Accountable**	The person who makes the *final decision* and has the *ultimate ownership*
C	**Who is Consulted**	The person who must be consulted *before* a decision or action is taken
I	**Who is Informed**	The person who must be informed that a decision or action *has* been taken

- Independent project
    - Can draw on the experience of colleagues and Chester
- The order of the project has been determined by the milestone table

Deliverables

Working Inventory management system with command-line input/output.