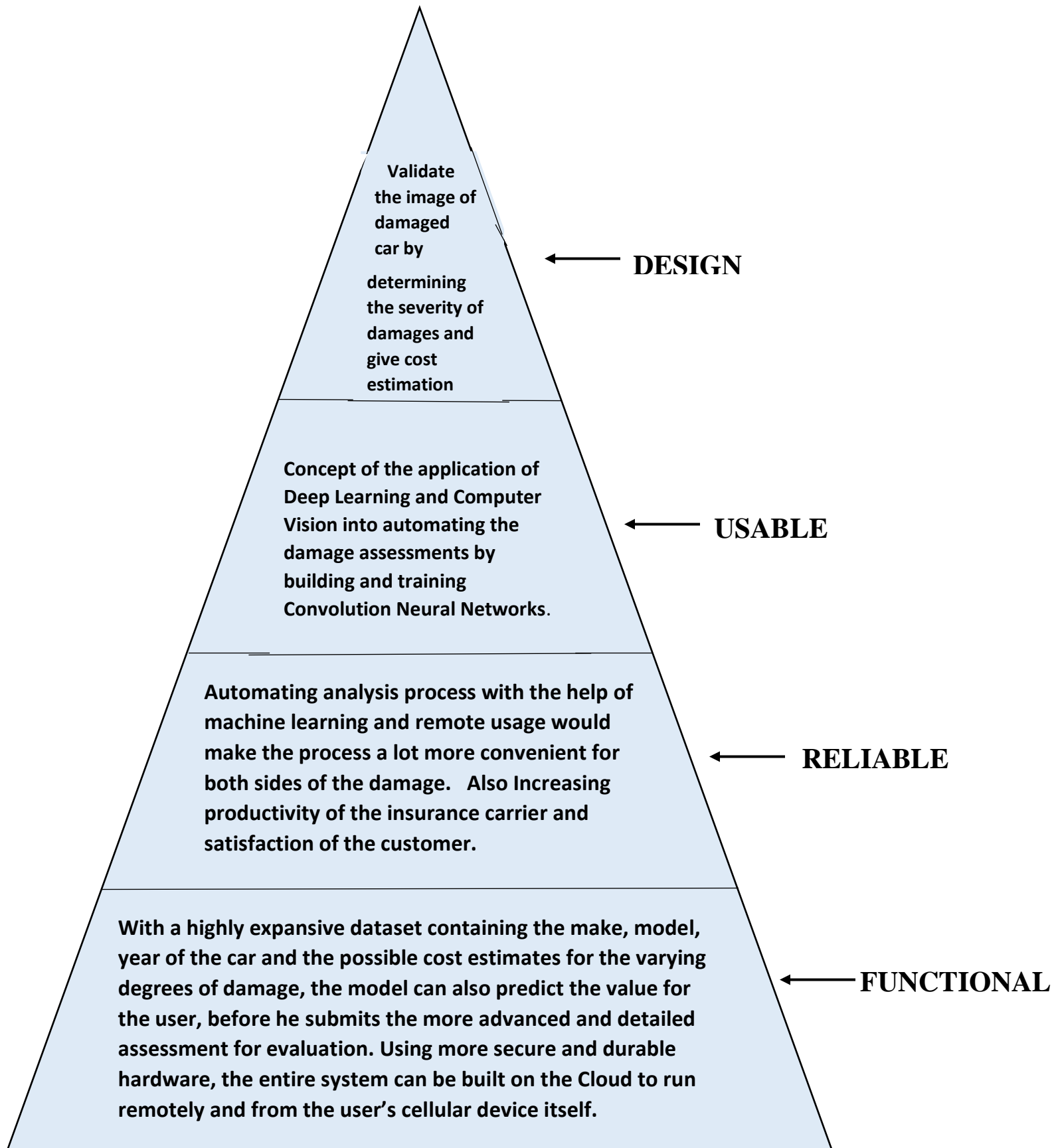| Date	30 September 2022
Team ID	PNT2022TMID01018
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies

Validate the image of damaged car by

determining the severity of damages and give cost estimation

← **DESIGN**

Concept of the application of Deep Learning and Computer Vision into automating the damage assessments by building and training Convolution Neural Networks.

← **USABLE**

Automating analysis process with the help of machine learning and remote usage would make the process a lot more convenient for both sides of the damage.   Also Increasing productivity of the insurance carrier and satisfaction of the customer.

← **RELIABLE**

With a highly expansive dataset containing the make, model, year of the car and the possible cost estimates for the varying degrees of damage, the model can also predict the value for the user, before he submits the more advanced and detailed assessment for evaluation. Using more secure and durable hardware, the entire system can be built on the Cloud to run remotely and from the user's cellular device itself.

← **FUNCTIONAL**

Online claim submission

Auto check and cost estimation

Automated document workflow

guided by ML system

Insurance payment