## EDR SolidWorks Assignment Description

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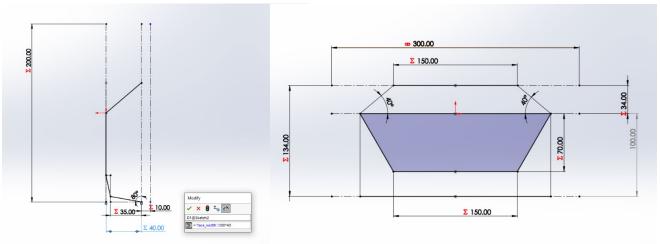
## 01. Folders

- 1. Main Folder: Includes the part file and molds parts of the EDR project enclosure and two sub folders
- 2. Box Design: Includes the top, bottom and assembly files of the box design as well as the mold files
- 3. Ref Sketches: Includes the 3 reference Sketches. Two of them are imported to the solidworks for sketching. The other one is the 3D view.

## 02. EDR Enclosure design

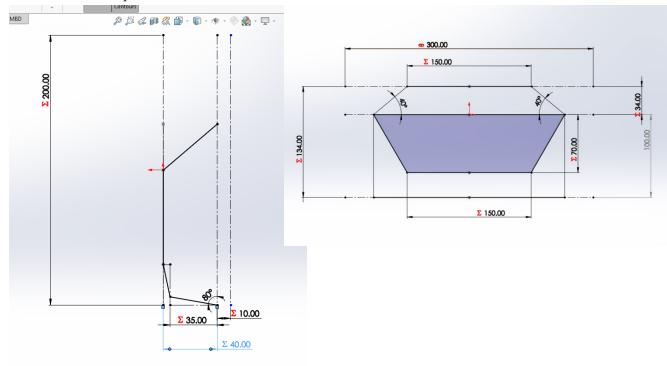
In the main folder there are two main files and their mold files,

Robot Face – Contains only the part file. Height dimension is dependent on width.
Depth dimension is independently adjustable.

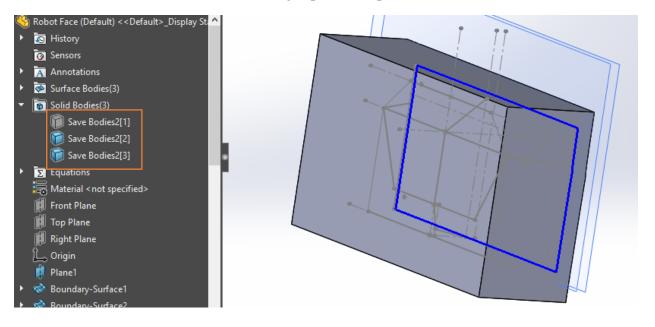


• Tooling Split1 Robot Face[1], Tooling Split1 Robot Face[2] and Parting Line1 Robot face are the mold files.

• Robot Face with Mold – Contains part file with molds. Both height and depth dimensions are dependent on the width dimension.



• Mold is hidden in the part design file as the parts of the mold encloses the part and it cannot be seen. We can unhide them by right clicking on the save Bodies.



. Two Reference Sketches are imported. They are suppressed to hide it during the mold design.

