

**Department of Electronic & Telecommunication Engineering**  
**University of Moratuwa**

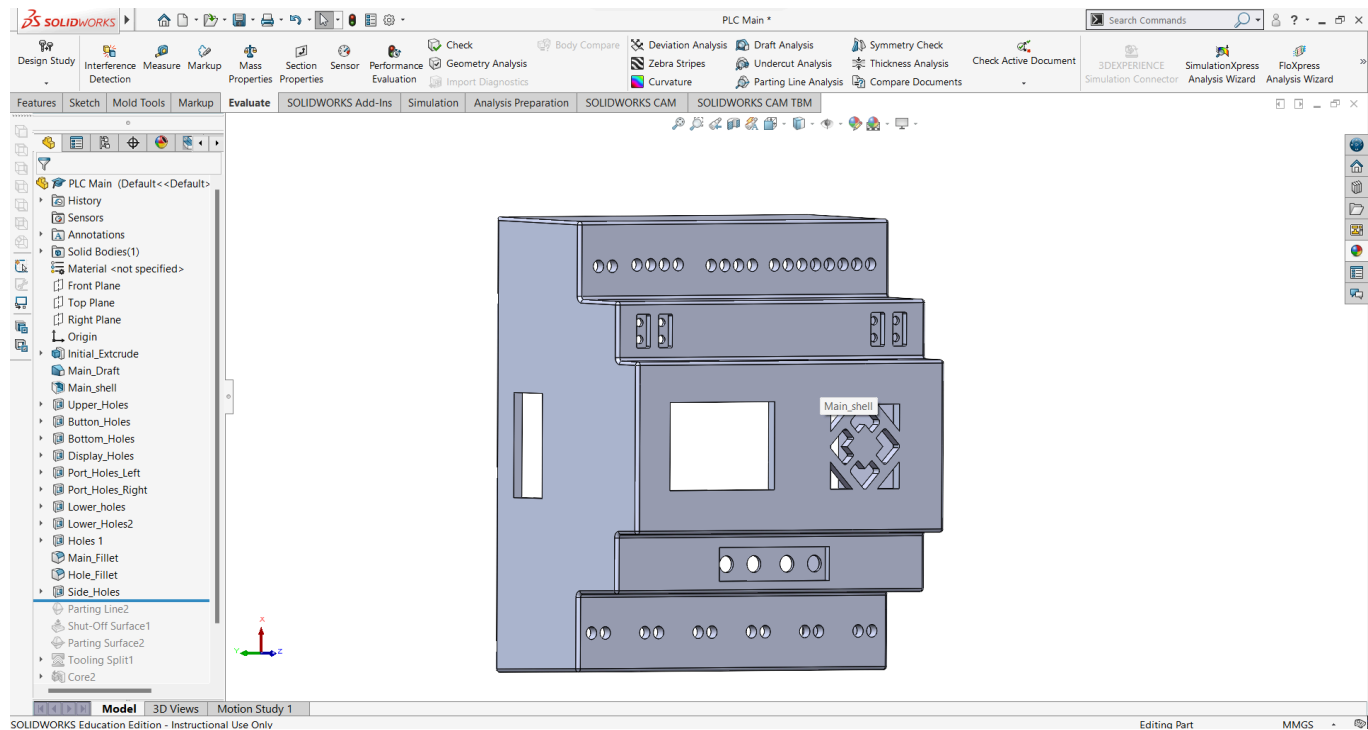
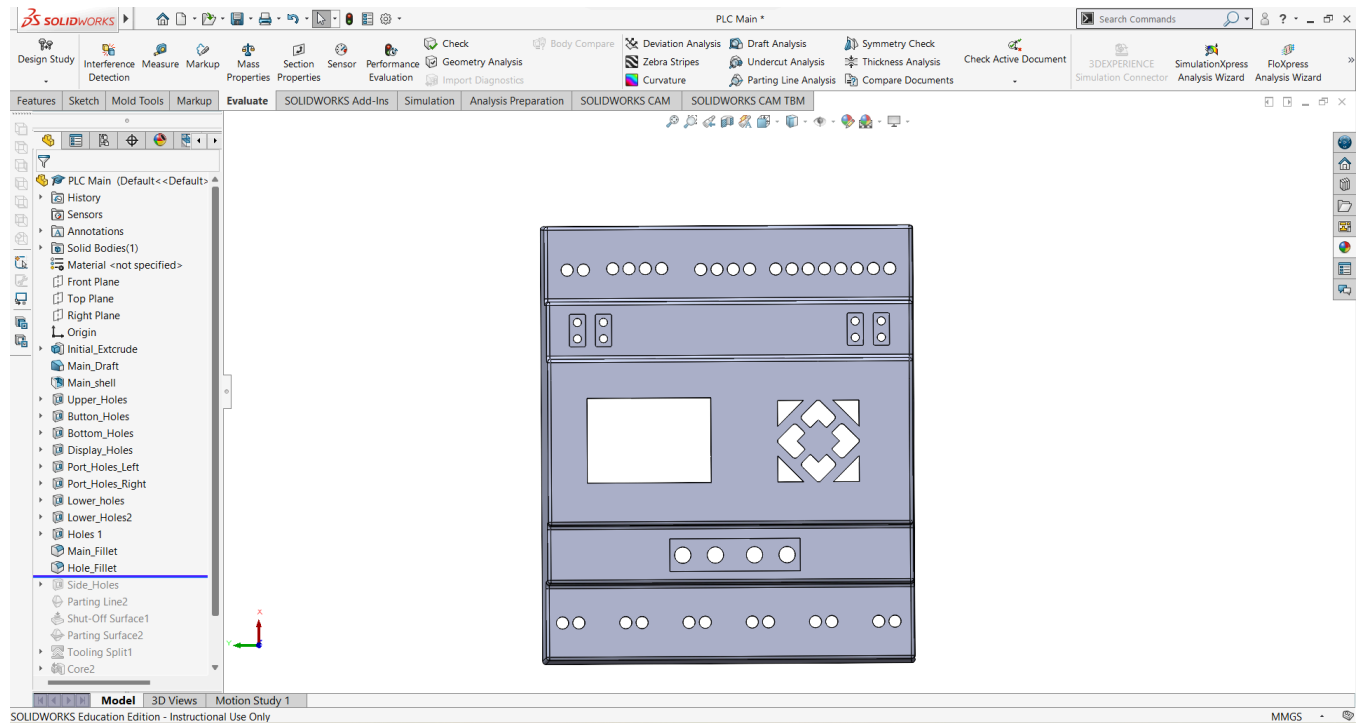


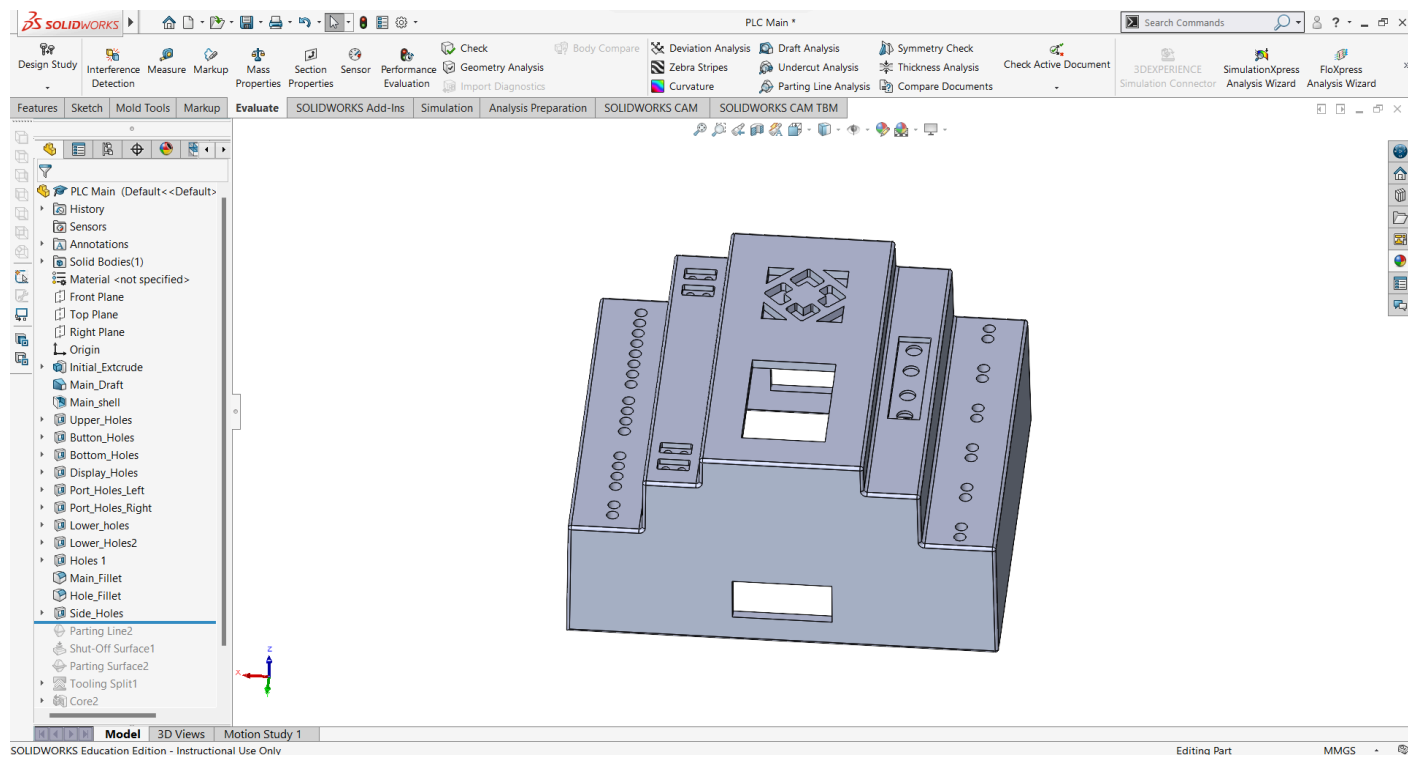
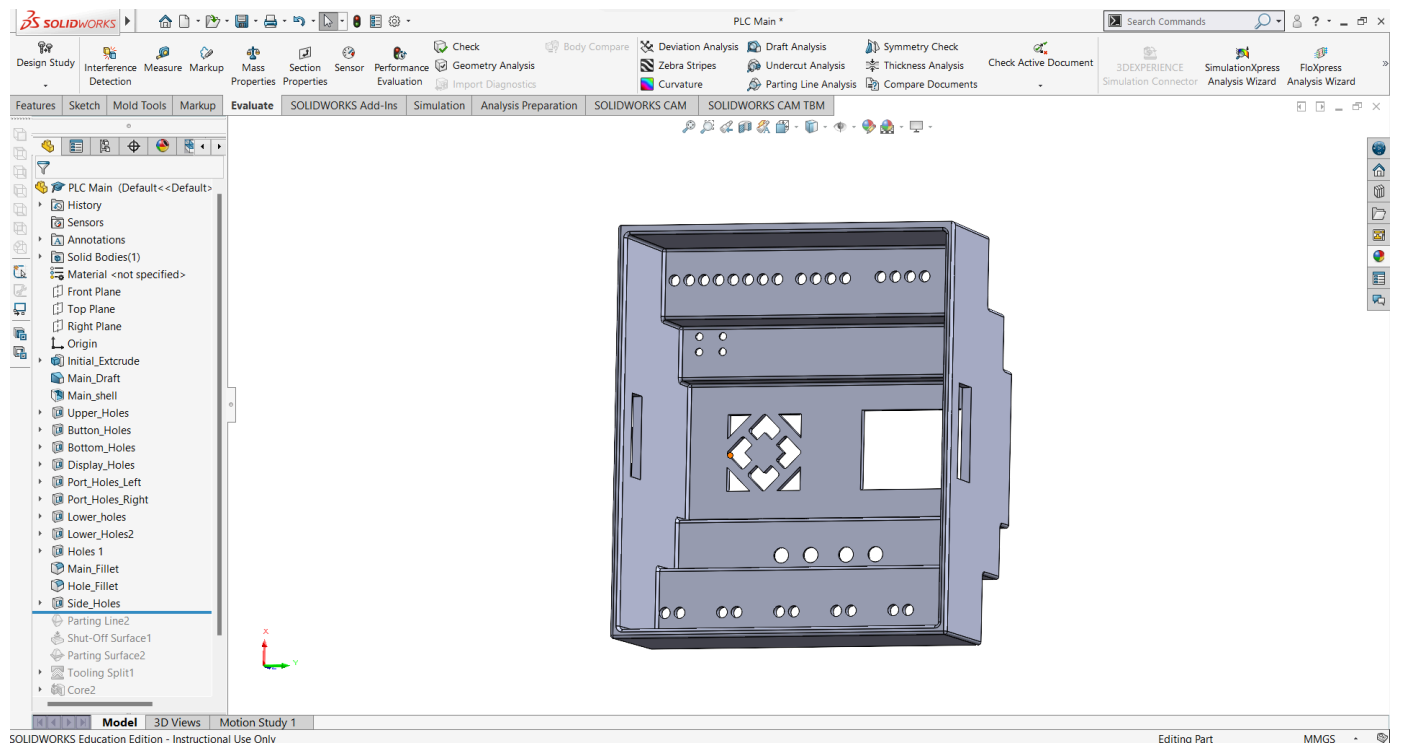
EN2160 - Electronic Design Realization

**Solidworks and Mold Design**

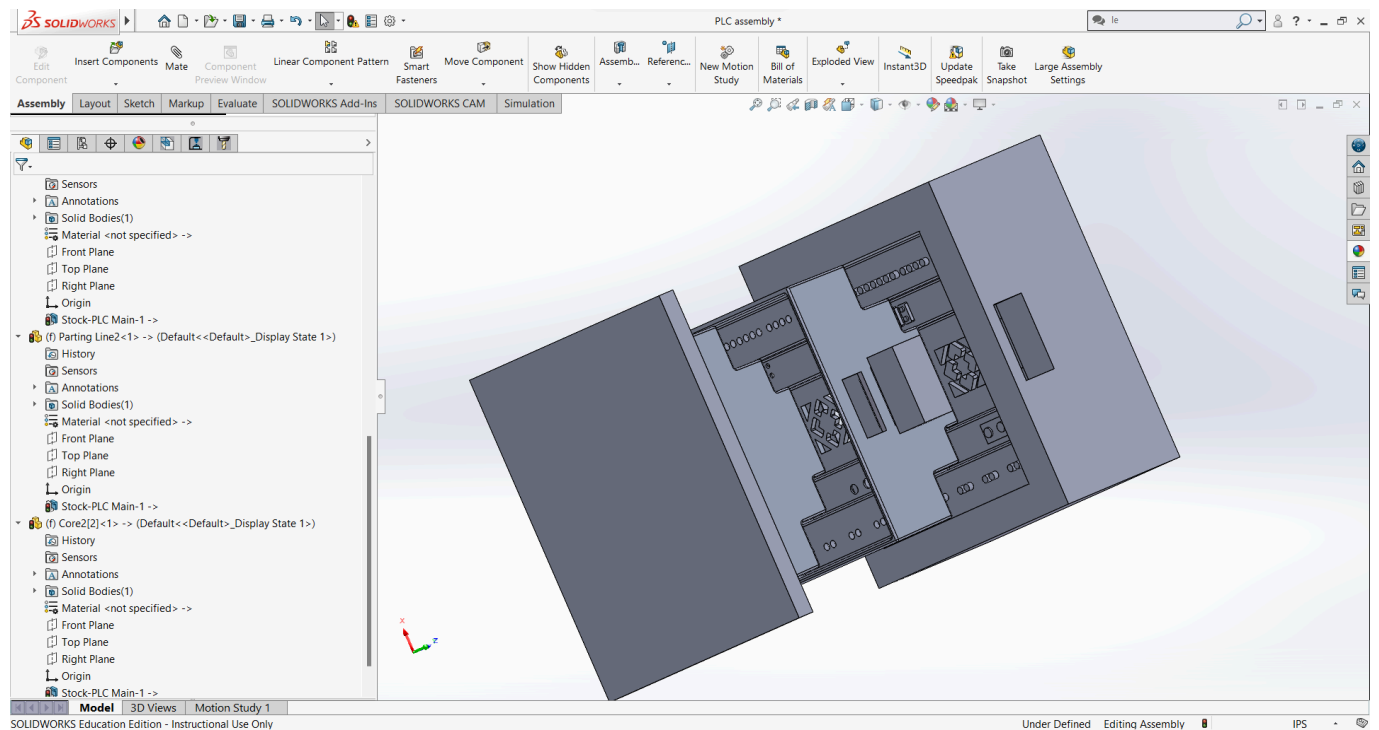
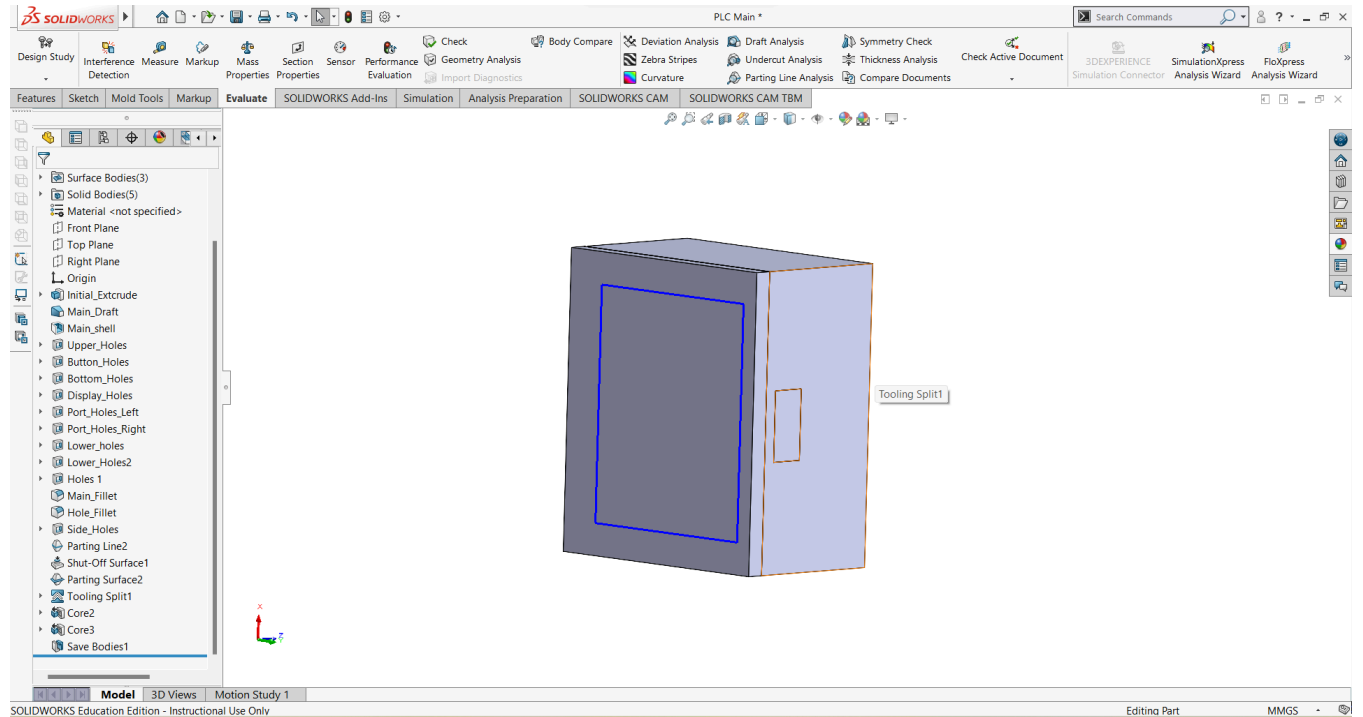
Submitted by,  
Abeyrathna S M S M B - 210005H

# Main Enclosure Design -

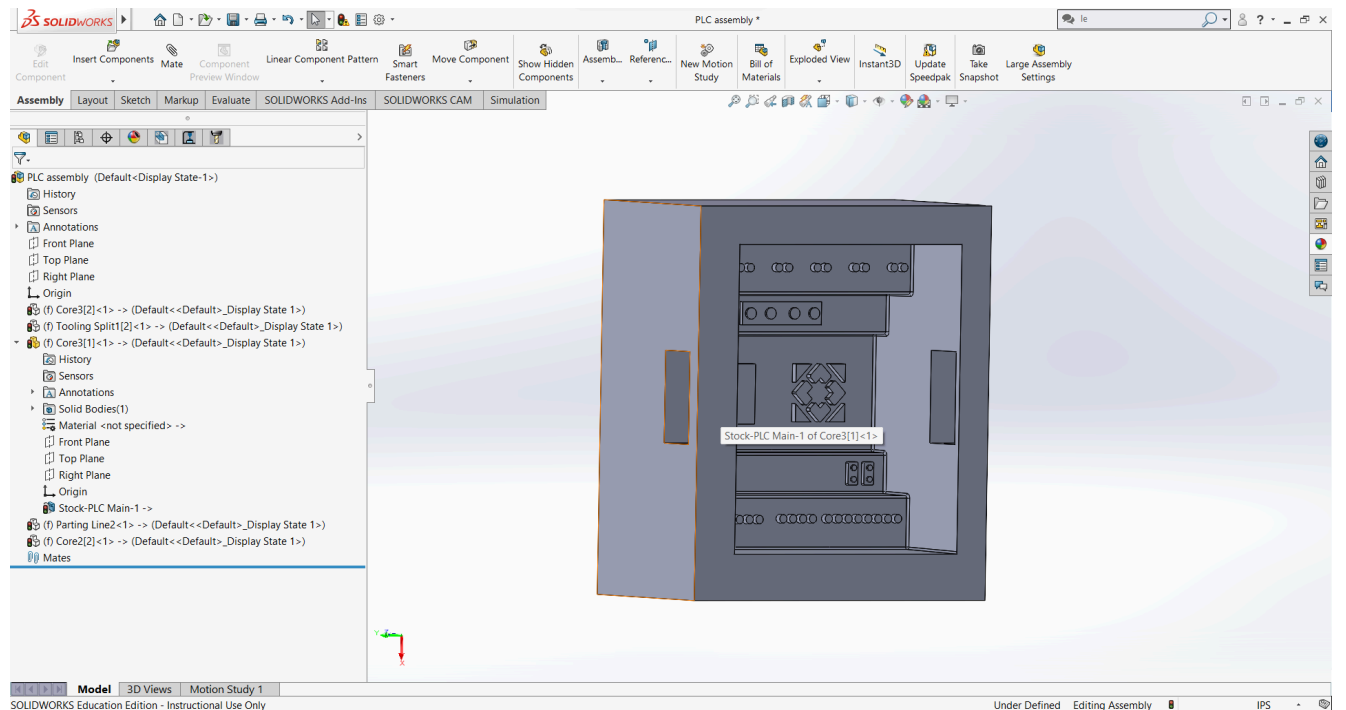
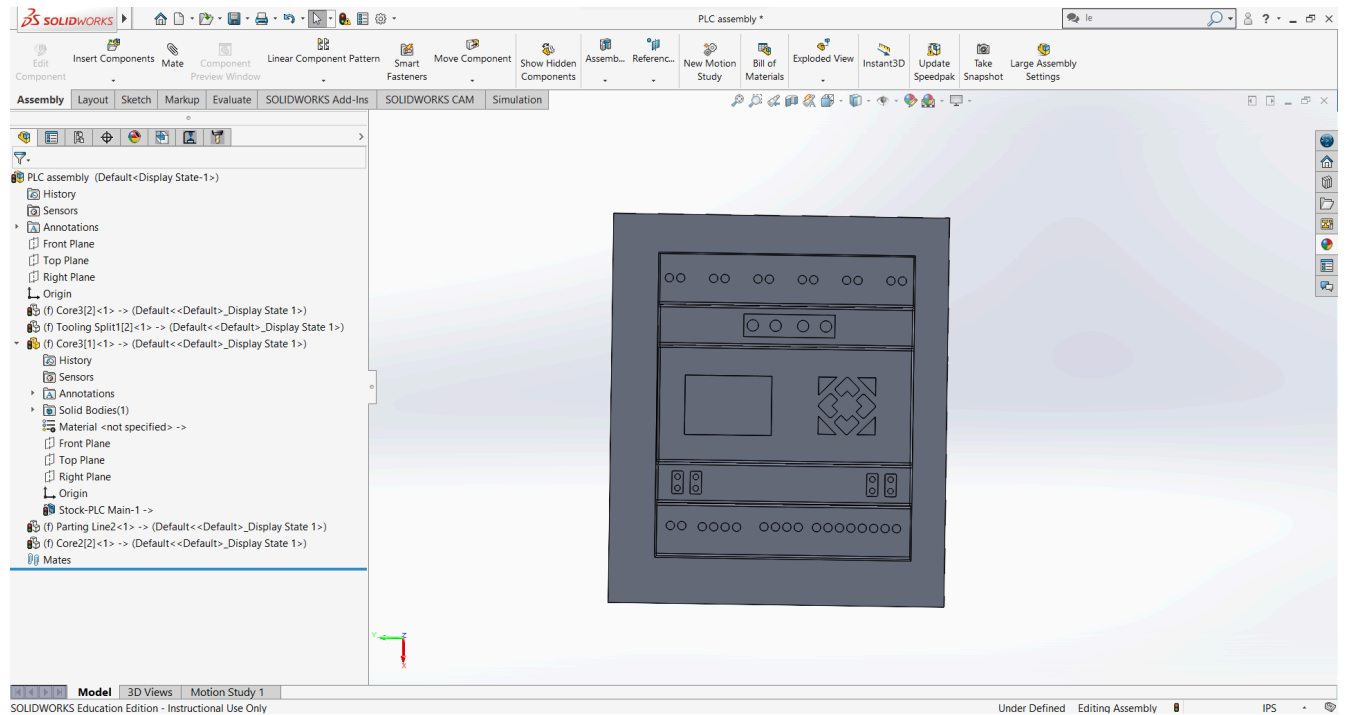


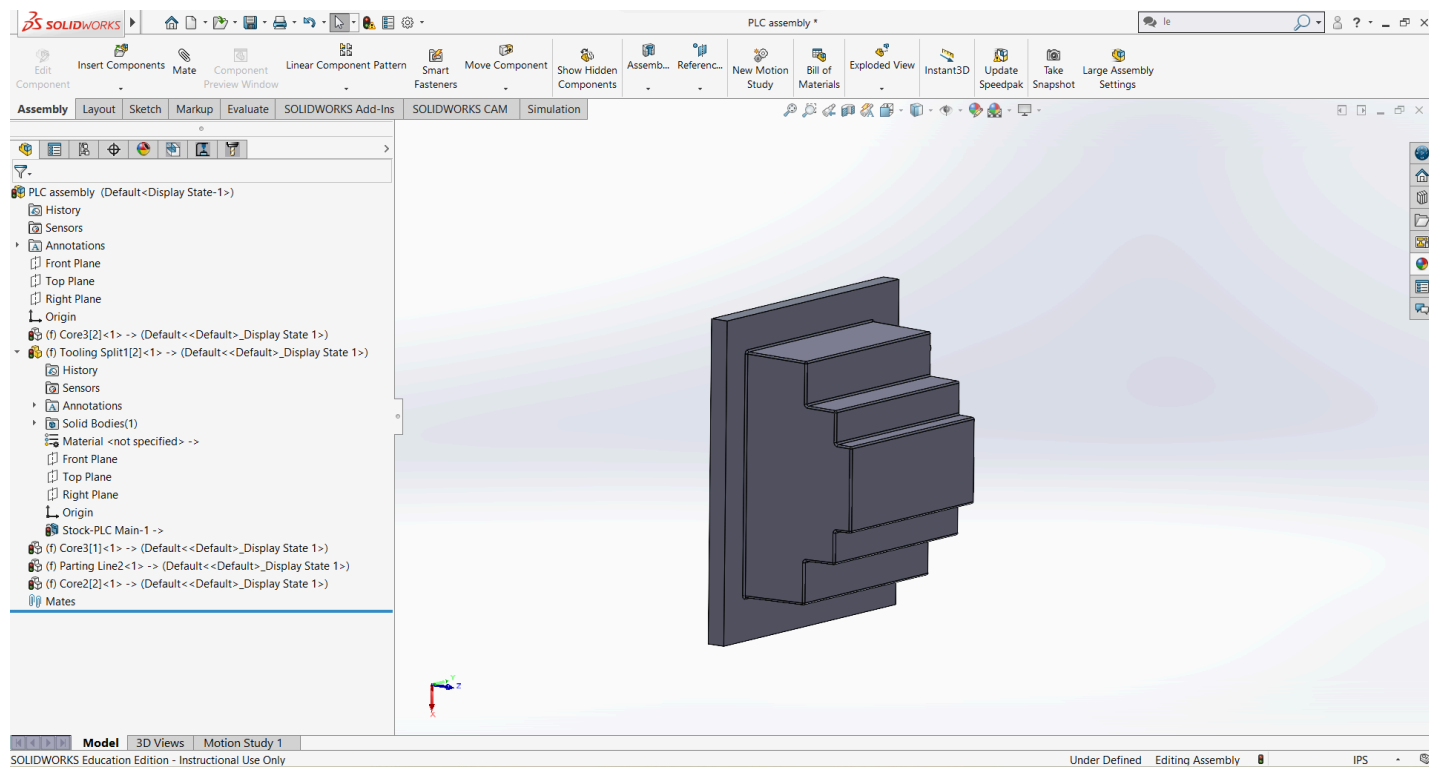
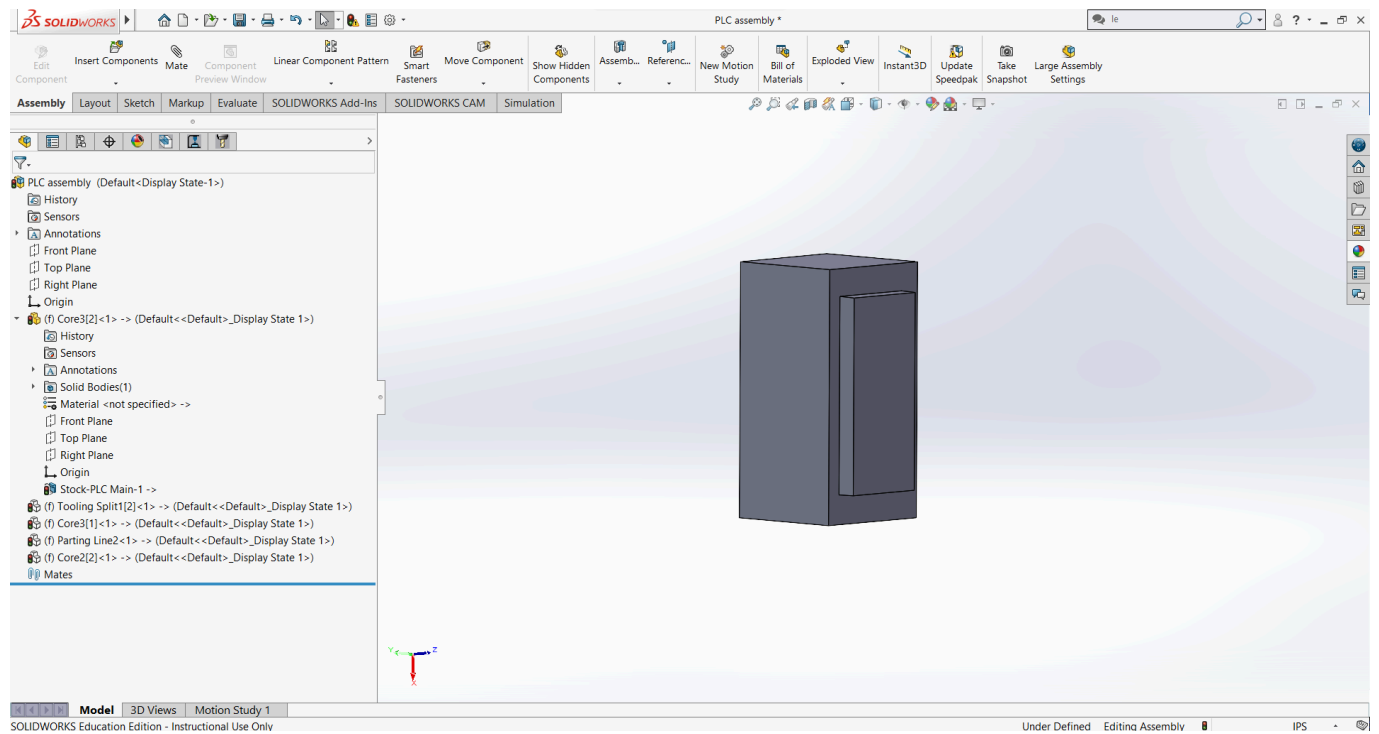


# Mold Design -

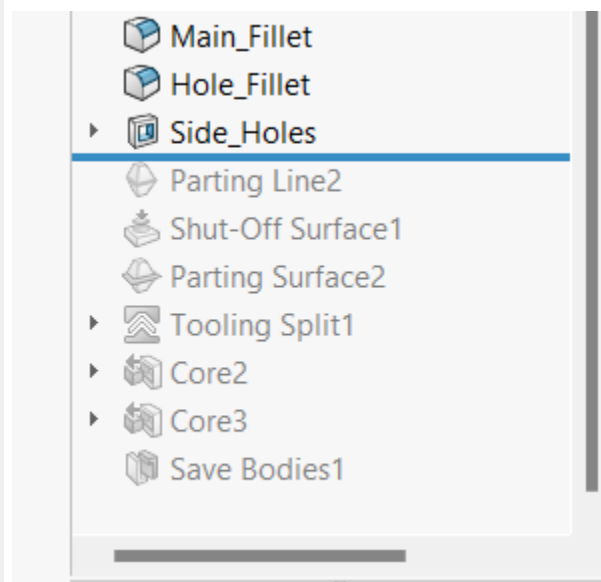
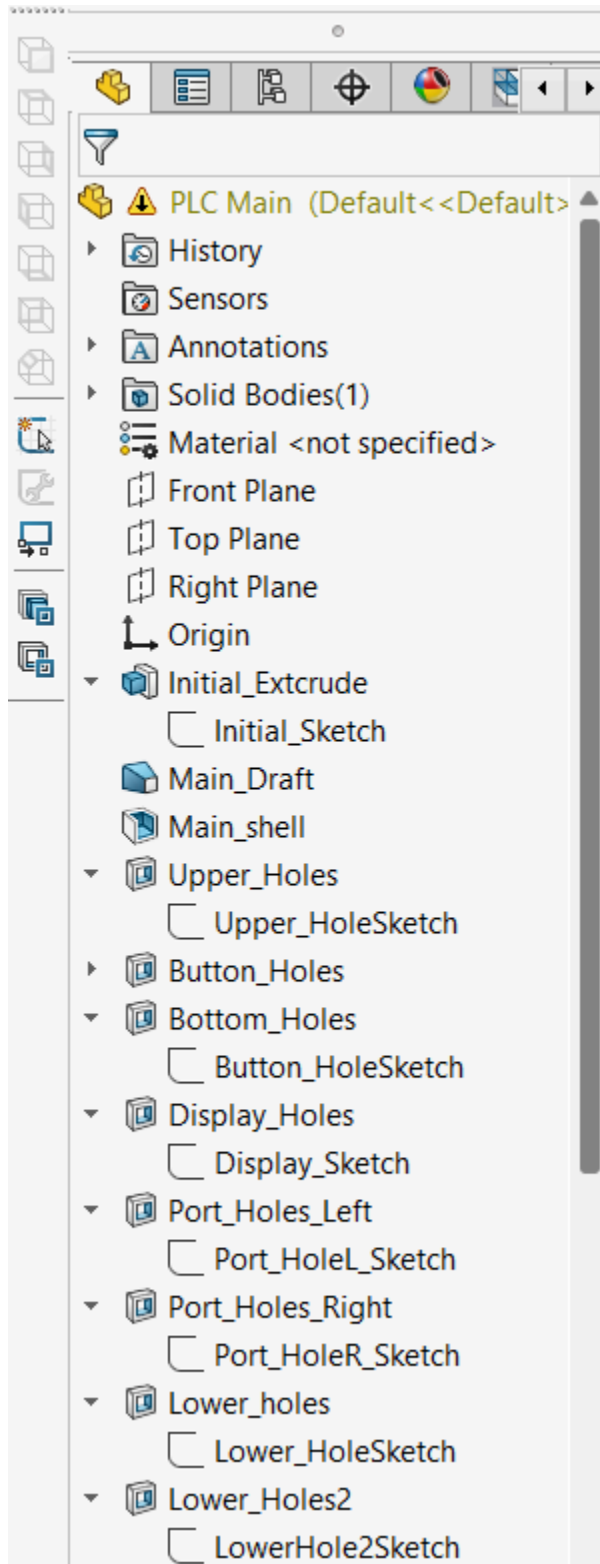


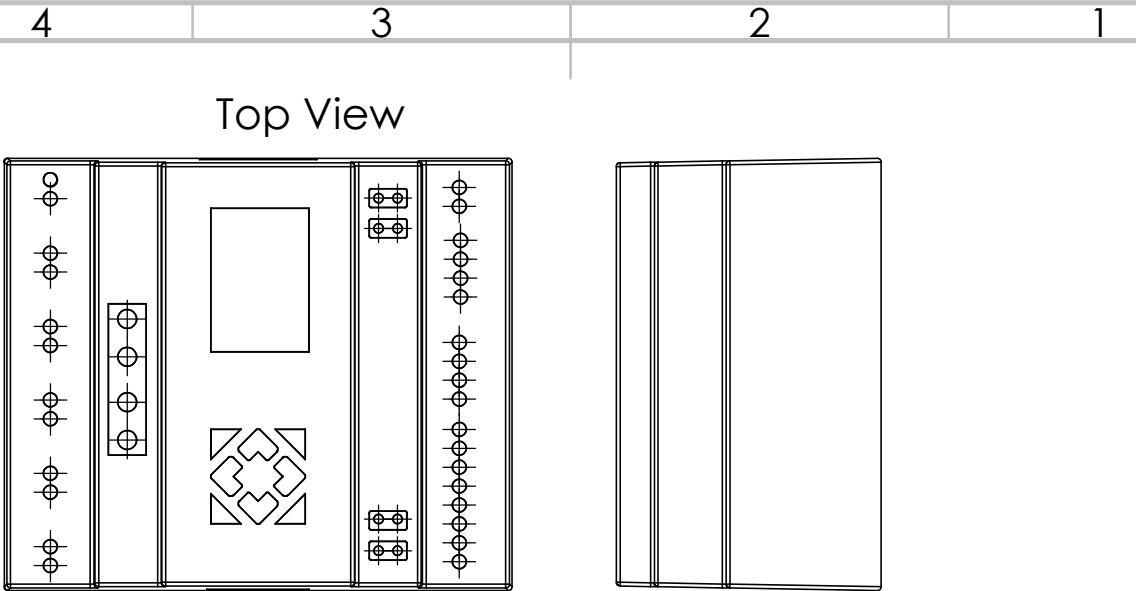
# Mold Components -



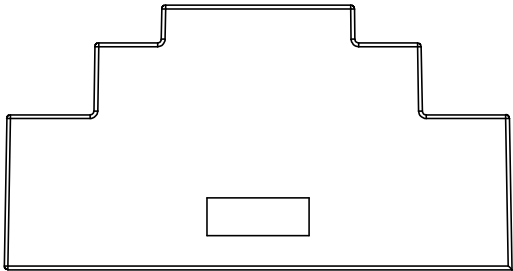


## Model Tree -

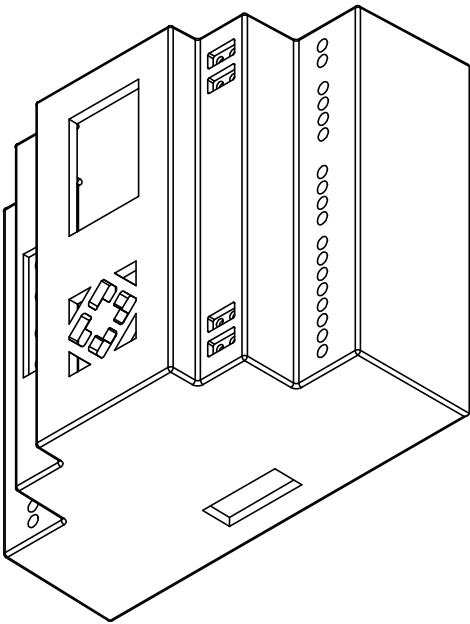
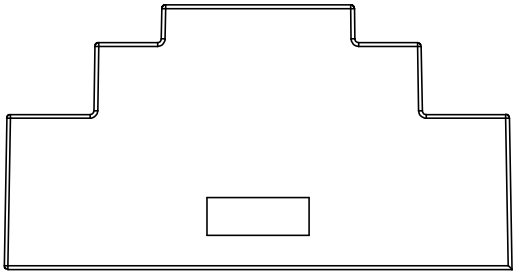




Plan View 1



Plan View 2



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETERS  
SURFACE FINISH:  
TOLERANCES:  
LINEAR:  
ANGULAR:

FINISH:

DEBURR AND  
BREAK SHARP  
EDGES

DO NOT SCALE DRAWING

REVISION 1.1

	NAME	SIGNATURE	DATE		
DRAWN	Sahan	Sahan	2024/03/30		
CHK'D					
APPV'D					
MFG					
Q.A					

MATERIAL:

PLA

WEIGHT:

TITLE:

DWG NO.

PLC Main

A4

SCALE:1:2

SHEET 1 OF 1