MILESTONE 4 (TEAM) – COVER PAGE

Team Number: Tues-08

Please list full names and MacID's of all *present* Team Members

Full Name:	**MacID:**
Zhuduoyi Zhang	zhanz526
Joon Lee	lee718
Harshit Palta	paltah
Shray Patel	pates239

Any student that is ***not*** present for Design Studio will not be given credit for completion of the worksheet and may be subject to a 10% deduction to their P-1 grade.

MILESTONE 4 (STAGE 2) – REFINE THICKNESS REQUIREMENT

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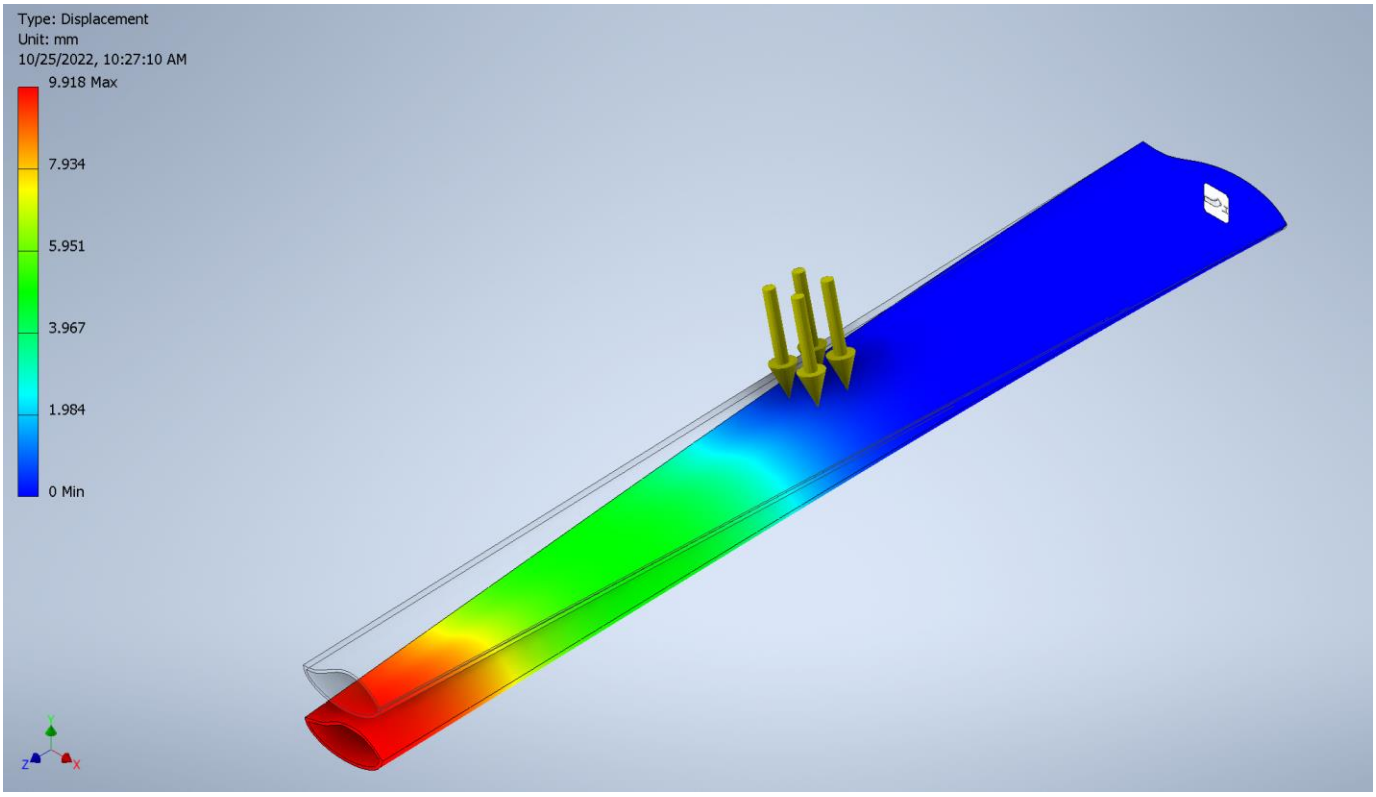
1. Refine Thickness Requirement to Satisfy Deflection Constraint

Refined turbine blade thickness *t* (mm):	24.6 mm

Insert screen captures of the refined deflection simulation and provide evidence that the deflection satisfies the design constraint.



MILESTONE 4 (STAGE 3) – PEER INTERVIEW

Team ID: Tues-08

1. Peer Interview Notes

Discuss what you have learned from another group.

- Rooftop generator
- Minimize cost (better suited for the consumers, primary)
- Minimize mass (to make sure the roof can handle the weight, secondary)
- Aluminium alloy was chosen, 2nd option bamboo
- Good against the weather & low corrosion/rust; cheap
- Found using weighted decision matrix, ease of maintenance
- Refined Thickness for 10mm: 18.5mm (9.75mm deflection)
- Size constraint as the turbine must be attached to the roof of a home
- Didn't add/delete anything from refined obj tree - just reworded
- Optimize surface area a constraint

Note: Please be mindful that you are expected to write a short reflection on what you have learned from the other team in your final deliverable.