<u>Group 410: Matboard Bridge Project Timelog</u>

All Group Members		
Date	**Task**	**Time**
Nov 17	Read through the assignment, dividing work	1 hr 00 m
Nov. 23	Discuss project with Raymond and Alan	1 hr 30 m
Nov. 27	Finalize design, cut and build bridge. Ended at **<u>6 am</u>** on Nov. 28 :D	13 h 00 m

Zihuan Jiang		
Date	**Task**	**Time**
Nov. 23	Coding train load for design zero.	5 hr
Nov. 25	Coding train load for our design. Coding FOS, Pfail.	8 hr
Nov. 26	Designing the final bridge.	5 hr
Nov. 29	Engineering drawing page three, coding.	7 hr
Nov. 30	Finalizing code, formatting. Writing the report.	9 hr

Olivia Yang		
Date	**Task**	**Time**
Nov. 23	Handwritten Calculations section 1-3	3 hr
Nov. 24 - Nov. 26	Handwritten Calculations section 4-5 first draft	8 hr
Nov. 29	Handwritten Calculation Correction and fixing calculation errors	3 hr
Nov. 29	Started working on report	1 hr
Nov. 30	Good Copy and Format Organization	5 hr

Linda Zhao		
Date	**Task**	**Time**
	Ask Raymond how he did his coding sorcery for defining cross-sectional properties.	
Nov. 25	Write function to calculate section properties given geometric inputs.	1 h 30 m
Nov. 26	Write most failure shear force and bending moment functions, calculate failure load P for Design0, visualize SFD, BMD, failure loads. Adapt code to planned final design.	7 h 00 m
Nov. 27	Test various geometric & cross-section input parameters with mostly finished MATLAB code. Some bug fixing, etc.	6 h 30 m
Nov. 28	Email Allan like 3 times. To-do list for what still needs to be done.	0 h 30 m
Nov. 29	Start CADing bridge to create engineering drawings, work on MATLAB code. Have a small mental breakdown.	9 h 45 m
Nov. 30	Finalize all MATLAB code, engineering drawings, and report. Glue diaphragm that was falling apart.	9 h 30 m

Signatures

Linda Zhao   Zihuan Jiang   Olivia Yang