**ENEL 453 LAB 4 – SUBMISSION**Bilal Dawood – 30092405  
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**Top level RTL Schematic:  
Waterfall chart

Description automatically generated with low confidenceDiagram, schematic

Description automatically generated**

**Screenshot of timing analysis:  
Graphical user interface, text, application, email

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated**

**Graphical user interface, text, application, email

Description automatically generated**

**Screenshot of Waveform Simulation:A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**