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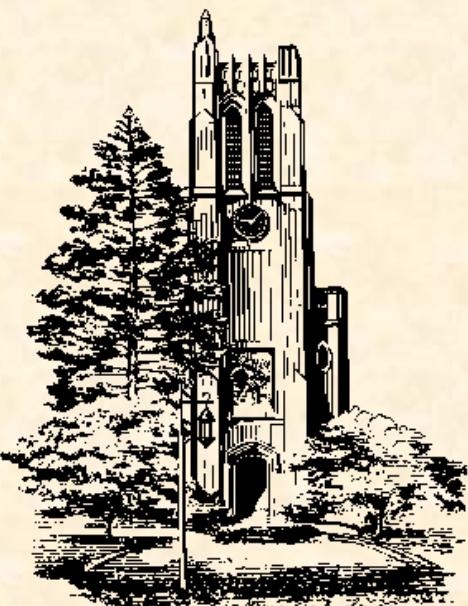
Alpha Demonstration Lateral Map Display

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CSE 498, Collaborative Design

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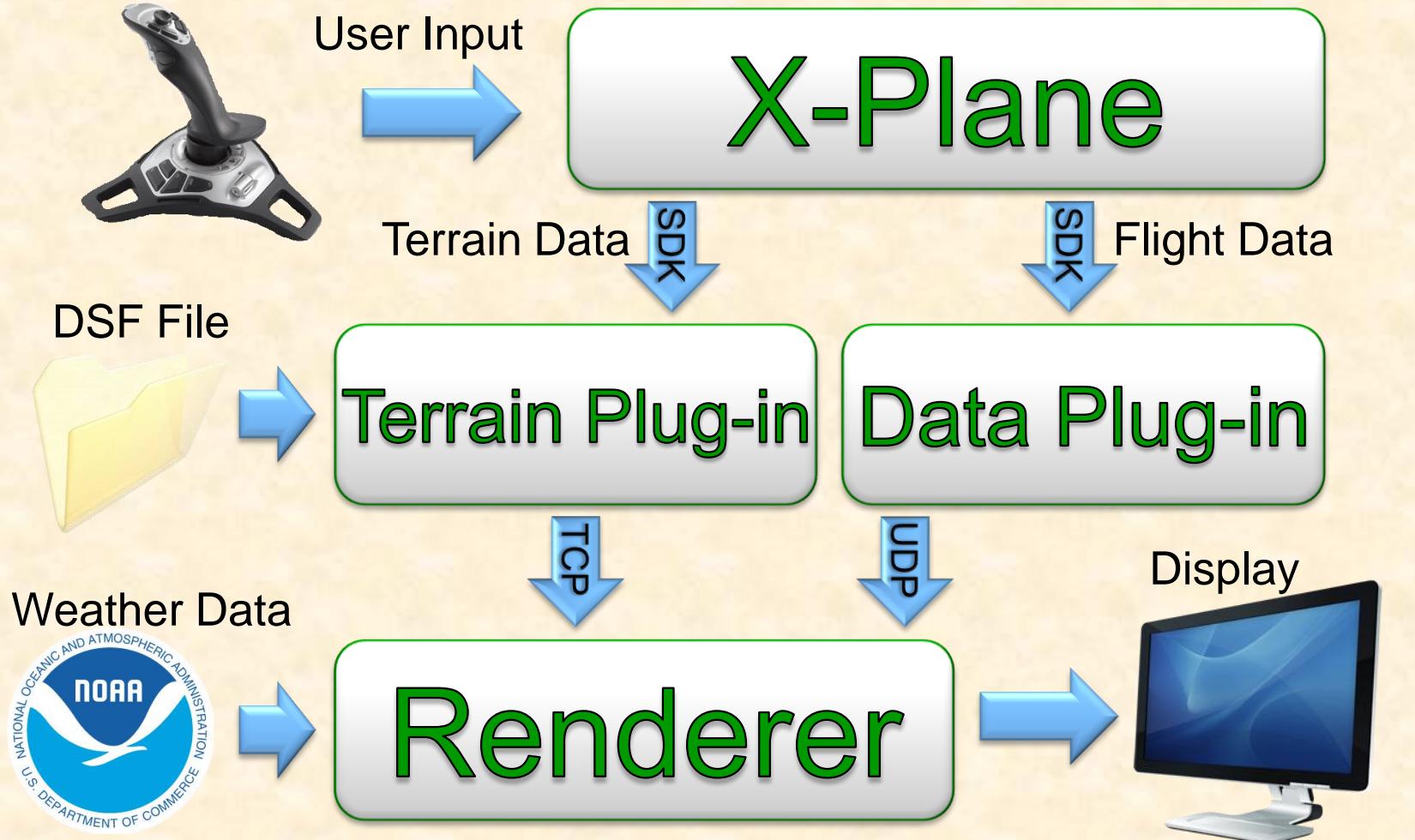


Project Overview

- Lateral Map Display
 - Top down view of aircraft's position
 - Aids in navigation
 - Multiple layers that can be toggled on/off
 - Weather layer gets data from NOAA and displays the gif image under the compass
 - Terrain layer renders the ground below the aircraft
 - Air traffic layer displays other planes in the vicinity
 - Waypoint layer shows all waypoints
 - Airport layer shows all airports
 - VOR layer shows all VORs

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Architecture Illustrated

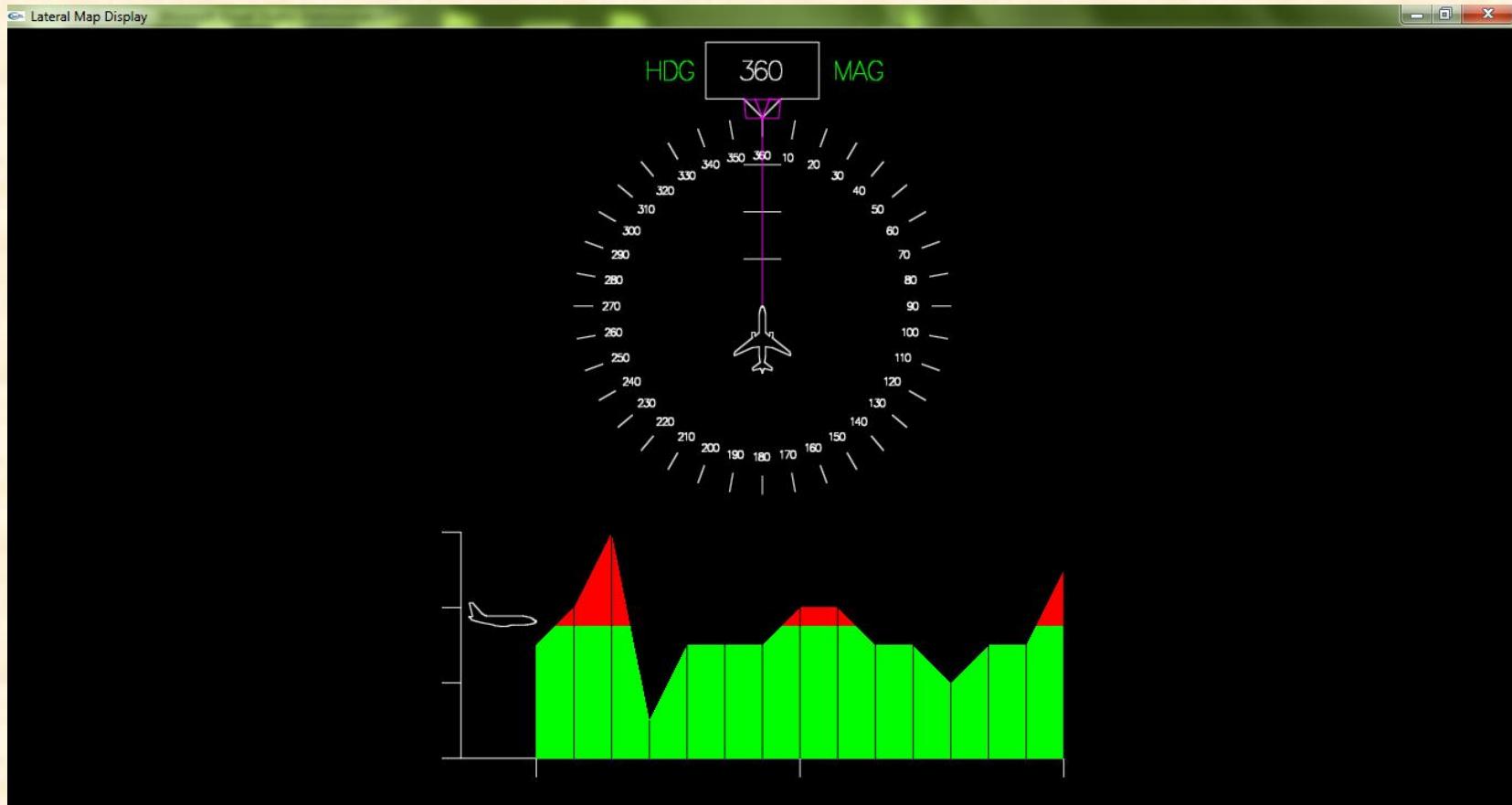


Screen Shot





Screen Shot





What's left to do?

- Rendering terrain in the lateral map display window
- Finalizing TCP networking
 - Parsing/sending VOR data
- Properly displaying weather at current location
- Allowing for waypoints and flight plan