CSCE 242 Topic Proposal – Ty Howard

Name of my site: RDU Aero Atlas

Description: This website is a portal for air travel from Raleigh-Durham International Airport. The site will allow aviation fanatics or curious travelers to quickly look at airplane, route, and flight data related to their trip from RDU airport. The site will only feature direct flights (meaning no layovers) but will provide users an opportunity to find specific direct flights that meet the criteria for their trip. The site would be like other flight planning services but would be easier to use for those looking to specifically fly from RDU. Similar sites could all be implemented on existing airport website to make it easy for the public to find flight information from their airport of choice without becoming overwhelmed by the various choices on services like Google Flights.

Pages: Home (Portal), Destinations, Airlines, Planes, Trip Length

Data: I will store all flight data from RDU (direct destinations, airlines, aircraft types, and average trip lengths), as well as user data and account security so that users can select flights and be taken to external sites for easy booking. Ideally, the site would not be static and would include active data, but it may need to be limited for the scope of this class.