**Sortie Logging – Zachary Hager, Charles Kimmel, and Matthew White**

-GUI  
 \*Language – Java  
 \*GUI – Java application, with goal of integrating into database  
 \*Drop down with various aircraft  
 \*Some sort of selection for the scheduled time AND actual time  
 \*Warning/Error for a flight time +- 30 minutes from scheduled time  
 \*Logging – Early goal to write a file and store it within the program, with the goal to store information in a database.  
 \*\*either way I think “it” will need to be in a database so that the information is retrievable and displayable. Might want to put into a database to be able to possible utilize data visualization tools.

**What is this project supposed to do?**

-Basic Functionality-  
1. Some sort of GUI for user to input:  
 a. Aircraft (dropdown)  
 b. Scheduled Time (text box)  
 c. Actual Takeoff time (same as scheduled time)  
2. Warning (pop up) for a time that is outside of 30 minutes from scheduled time  
3. Storage solution  
 a. Write and save a file  
 b. Write to a database

-Upgrades (in no particular order)-  
1. Aesthetics  
2. Database security  
3. Cloud options

**Minimum System Specifications**

RAM: 256 MB

Disk space: 256 MB Total: (124 MB for JRE; 2 MB for Java Update, *tentative* 128 MB for program)

Processor: Minimum Pentium 2 266 MHz processor

Browsers: Internet Explorer 9 and above, Microsoft Edge, Firefox, Chrome