**Functional Requirements**

* Administrators, Training Managers, Employees, and Auditors must be able to login to the program
* Software must store user information including: Username, Password, First Name, Last Name, Employee ID (EID) and Department of Employment.
* Software must store lessons and simulation tests based on specific Air Traffic Control information.
* Software shall allow Employees to select “lesson goals” based off of lessons stored in the program.
* From those “lesson goals,” software will compile numerous lessons and exercises related to the chosen lesson goals to create a unique “Lesson Plan” for the employee to study.
* Software shall launch an Air Traffic Control simulation for the employee to take and score the employee based on performance as well as elapsed time of the simulation.
* Software shall store passed lesson scores and a total elapsed time of training for every employee.
* Software shall allow Employees to view their scores for each simulation test taken.
* Software shall also allow Training Managers to view scores of every employee in their department.
* Software shall allow Auditors with valid “EID” to view times of employees simulation trials for legal reasons.
* Software must track and log all usage of trainee.
* Auditor must be able to review trainee log to view exactly how the trainee spent training time.

**Non-Functional Requirements**

* Software must be fully documented
* Software must be privately accessed in house or via secure remote connection
* Software must have an intuitive GUI with easy to follow instructions
* Software must be able to be maintained and kept up to date

**Use-Cases**

* User tries to log in, but forgets password and needs to generate a new one
* Training Manager adds a new simulation to the program and views reports for a specific Employee
* Training Manager adds a list of new training goals
* Training Manager hires a new Employee and adds the Employee to the system
* Employee takes a simulation test, views the score report of the simulation, and then quits the program
* Auditor views a score report for a specific Employee and then checks the total time spent training by that Employee.
* Administrator adds new Training managers to the system. Administrator then removes a Training Manager from the system.
* Auditor views log report for specific Employee training time.