Drone Flight Management System Business Requirements

1. Create an interface that shows all sorties that are in-flight or active, alongside the pilot who is flying that mission, what task they are accomplishing, and when the aircraft was launched.

2. Create an interface that shows all sorties ever flown, display the pilot who flew the sortie, what task they were conducting, when the aircraft was launched, and when the aircraft was recovered (if applicable).

3. Create an interface that shows the user all RPAs that are currently in maintenance, with who the mechanic is, and when they started.

4. Create an interface that shows the user all RPAs that have ever had maintenance conducted on it, with who the mechanic was, when they started, and when they finished (if applicable).

5. Create an interface that lists all pilots on record, with their full name, organization, status, and when they were last trained.

6. Create an interface that lists all sensor operators on record, with their full name, organization, status, and when they were last trained.

7. Create an interface that lists all maintainers/mechanics on record, with their full name, organization, which base they are located at, status, and when they were last trained.

8. Create an interface that lists all planners on record, with their full name, organization, and status.

9. Create an interface that lists all the bases, where they are located, and displays the number of RPAs and maintainers present at those locations.

10. Create an interface that lists all the organizations and shows where they are based out of.

11. Create an interface that shows all the flight plans on records, who they were created by, their associated waypoints, where the launch and recovery bases are, and what the payload weight and pylon count is.

12. Create an interface that shows the user all the registered accounts by username and who they belong to by full name.

13. Create an interface that allows the user to see how many devices an account has associated with it.

14. Create an interface that allows the user to see how many devices an account currently has logged into the system.

15. Create an interface that displays to the user, the entire registered drone fleet with their associated pilots, sensor operators, and maintainers.