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| Date | Function |
| 18/07/2025 | Looked into research papers titled “UAV Swarm Path Planning” by Scott James et al and “Decentralized Autonomous UAV Swarm formation and flight control” by Ihor Skyrda. |
| 19/07/2025 | Discussion regarding the research for the objectives, concluded with some algorithms and carried out making presentations regarding the same. |
| 20/07/2025 | Continued making presentations and studying about the topics that we selected. |
| 21/07/25 | Downloading and installing UE5.3.2 and Colosseum since my previous try with airsim and UE4 was not working properly |

1. Planning to try hybridizing Modified APF and RRT for the 3 main functions:

Formation, Path planning and Obstacle avoidance.

1. Created a ppt based on research papers conducted for UAV swarm navigations
2. Coming up with algorithm to ensure minimizing the error factor in swarm navigation.
3. Learning UE5.3.2 and Colosseum for the simulation.