In this group project, I have learnt that there are many purpose in path planning of aviation other than safety, for example, finding the minimum cost of flight, better view for sightseeing and shorten the flight hours. The purpose of our group project is to find out minimum cost of flight by using Python. I personally have no experience in coding. Thanks to the help of group mates and teaching assistant, I can understand more in coding and how to use them in solving aviation related problems, which is helpful in my future study in the university.