- 1. Transferring cargo from one plane to another or while loading and unloading of cargo: Classic supply chain blockchain model can be implemented here which will make easy for auditing and less corruption. The smart contracts will also make sure that the cargo is not broken or damaged during loading
- 2. Through the use of smart contracts associated with the asset, airlines can add business logic and terms and conditions around how the ticket is sold and used. This opens the door for tickets to be sold by different partners, and in real time, from anywhere in the world.
- 3. Paperwork for cross border flights: Lots of paperwork is involved in cross border flights. This redundancy due to lack of trust between different countries might be reduced using blockchain following a consensus.
- 4. Loyalty points at different providers: Making cryptocurrency instead of loyalty points and making it usable for more providers
- 5. In event of auditing for tracing back some event-immutability blockchain can be used
- 6. I am sharing my personal info with airline. I will have one peer and airline will have one. Both will have a smart contract which will define how my data will be shared and who can access it. Then if airline's member want to access it they will have to get endorsement from both the peers and then only data can be seen.
- 7. Supply chain blockchain in airplane manufacturing. Less corruption. Full provenance of its critical parts.
- 8. Customer booking airline ticket and also gets quote for Cab, Hotel etc. Here Cab, Hotel, Airline all act as actors and endorse smart contracts for the agreed prices. Currently everyone decides their own price but with the help of smart contracts this can be consensus modelized.
- 9. Luggage Lost or Broker Issue: Keeping track of luggage for user on app
- 10. Luggage checking at multiple checkpoints: This happens mostly due to trust issues between different terminals of different countries or cities. If blockchain is involved with smart contracts and endorsing from all the terminals/checkpoints only one time check-in sufficient.
- 11. Food provenance in flight: Mostly the consumer is dubious about the food he is getting and the price vs quality match as the food is costly. If the user can see the trace or provenance of the food as how it was obtained and the relevant cost is got, this transparency will be satisfying for user and a happy state of mind. Price vs quality trust.
- 12. Notifications about the delayed or connecting flights on the airline app: Many times travellers have to run in between terminals for connecting flights or ask staff for more information. If everything can be made available online on the app traveller can track it easily.