

Group 57 Assignment 1 Assumptions

- 1) We assume that the World Cruises do not cooperate with others. It means there's only one manifest that is maintained for all cruises. Therefore, there's 1 and only 1 manifest in the entire system of World Cruises.
- 2) We recorded the date and time when the passenger first boarded the ship as a separate entity. This is because , since manifest itself only records the data when the passenger booked a cruise, then if we include date and time of the passenger boarding the ship in manifest, it will result in null value because when the passenger booked the cruise, the passenger itself have not boarded the ship yet. Some of you might argue that we can change the null value to the actual data when the passenger finally boarded the ship. This is indeed true , but however it will result in update anomalies which is not efficient.
- 3) We assume World Cruises will not go bankrupt. So it will have at least one cruise and the same goes for the cabin as a ship must definitely have at least a cabin therefore, the manifest must at least record one cabin.