Team: Aleksander Babecki, Ray Rasolofonera, Fawaz Saheed-Baba, Diwakar Sharma, Raymond Tsang

Project Proposal

After reflecting on the different directions we could go with for our system, we have decided to develop a database system for an airline, such as SouthWest or Delta, to access and manage passenger records. The database's function is to gather passenger trip information, including the following data: a passenger's name, ticket number, seat number, flight type, time of departure, location of departure, time of arrival, and location of arrival. It is safe to assume that our database system is replacing a current system; due to this, there will be several customers whose records are already in the database during development. We will also assume that a single passenger to purchase tickets for multiple passengers such as buying tickets for their spouse and/or children. Lastly, we assume that all flights will be domestic and not far enough for multiple legs to be required for a flight.

After discussing it with our TA, she has allowed us to work in a five-person team. Our team consists of: Ray Rasolofonera, our Project Manager, who is responsible for planning the allocation of our staff and time; Raymond Tsang and Fawaz Saheed-Baba, our Configuration Managers, who are responsible for reviewing and revising the project during development; lastly, Aleksander Babecki and Diwakar Sharma, our Editors, who are responsible for writing finalized project deliverables and for preparing project components for our Configuration Managers to revise.

Our timeline for the completion of necessary tasks in developing our database system will be as follows:

- **September 25 - October 2:** Team formation, written business situation, and project schedule.
- **October 2 - October 23:** Entity Relationship diagram, definitions of entities and relationships within the diagram.
- **October 23 - November 27:** Application-specific SQL commands and testing of our commands.
- **November 27 - December 4:** Short and clear group presentation of the finished database system project. Demo of the application to accompany the presentation.

We acknowledge that our timeline may vary slightly but we will be meeting weekly to check on current task completion status and will adjust to best complete the database system project with margin for review and corrective actions.