Re-lab 3

This lab has thought me a lot about queues and especially databases. I have expanded my knowledge in both SQL and NoSQL databases. It seems like the NoSQL databases are more flexible and scalable, while the SQL databases might be a bit faster and easier.

I used one WebRole for the frontend and 2 WorkerRoles for the backend and 4 queues to message the data.

The application begins with the default class where the user choses if they only want the flight or they want hotel as well. The user then gets redirected to the Flight page, where the different flights are viewed and the user decides where from and to they want to travel. If the user chose to book hotel they then gets to the hotel page where the user enters how many people are staying and number of nights. The next step in the application is the payment where they simply pay for the services chosen and then gets to the last page where they get their booking confirmed.

Down below is the application logic for my application.