

## Background Chapter

As described in my previous documents; I would like to have an efficient and simple database that holds user's information along with the dogs to rented out. By using Amazon Web Services, I can run a database, as well as manage it. Researching the different options of databases, it seems that Amazon RDS gives me a similar, yet more expandable choice. While having a background with MySQL; I wanted to adapted to having a backup and repairable database, just in case any updates or crashes may occur. According to the amazon web services website, it states that "We recommend Amazon RDS for customers who have a combination of needs...Want native access to MySQL. Amazon RDS handles routine database tasks such as provisioning, patching, backup." By researching the different options AWS has to offer, choosing the most efficient storage of information will help the start of running the website.

Furthermore, I am going to speak deeply about MySQL database backup and recoveries for when needed in case of the website crashes. According to "MySQL Backup and Recovery", there are two sets of database backup that are offered; online and offline. Here an offline version, they state that, "This type of backup is suitable for smaller amounts of data where you might edit". Therefore, if I would want to use a database offline, say for beta updates, I would want to back up my information via offline, where there is less amount of data to store.