Weather Database Description:

The main concept for the weather database is to store and collect the upcoming and current weather for the train tracks, this will be the key if the bluffs will be safe for the day. The weather diagram will be SQL because it can contain a good amount of data regarding the temperature of location in the train station. The alarm and the condition should not be too much to store because it only says if there is a good or a bad weather. This will have a trigger bool alarm ()- gives the alarms to the security and the safety for the weather, bool condition ()- a the current condition for the weather and in temperature ()- ties into the condition for the train ride and for the bluffs. Overall, the weather will be SQL because it represents a straightforward attribute for the objects and will only contain data for certain time for the different temperature in the location of the train station.

Website Database Description:

The website will have a lot of data to store and to read throughout the day. The website will be a NoSQL database because it will contain all the data gathered from the safety, security, weather, payment, and passenger. The website will be split into 4 different documents; the weather, train capacity, alarm and the information that will be passed down to the upcoming people for the train ride. The website will consist of the following, string photos ()- large amount of data that shows the progression of the bluffs, Boolean weather () – from the weather database and its contents, int TrainCap () – the current capacity of the train and will be outputting a continuous number depends on the people will ride the train, and string message () – a good amount of data that will stored and sent out to the passengers .Due to the constant change in the incoming data, this will be a NoSQL because of the different people will be using the trains and the information that will be passed down to them. The website will hold the information regarding the management of the whole project, all the concepts and the contents will soon be stored in the storage documentation.