**Databases Design**

For our databases we will be using MongoDB and firebase

**Login database**

For our login we shall be using firebase which will store a User UID and a email address for each user.

**Image database**

Our image database will store a uid for each image aswell as url for access to our image.

**Ad database (will have 2 tables)**

Table 1 Room table.

Here we store accommodation that just offers a room in a house or apartment.

Here we will store a ad object with the following info:

* User UID-string
* Ad UID-string
* Room Type-string
* Colleges- string array
* Location- string
* Price-double
* Availability-date object
* Email-string
* Phone-int
* Parking-string
* ImageURL-string array
* Description- string
* Choice of contact -string

Table 2 house/apartment table.

Here we store accommodation that offers a house or apartment.

Here we will store a ad object with the following info:

* User UID-string
* Ad UID-string
* Type of letting-string
* No singles-int
* No double-int
* No ensuite-int
* No twin-room-int
* Colleges- string array
* Location- string
* Price-double
* Availability-date object
* Email-string
* Phone-int
* Parking-string
* ImageURL-string array
* Description- string
* Choice of contact -string