1. Our application will need to have e-mail functionality and no one in the group have knowledge of that topic.

**Plan for mitigation**: John has taken the task to research how to work with e-mail functionality and sending automatic messages to the parents.

**Update:**

**(week 6)** This will require an email server and email accounts to post and received emails for the application. It was decided to set up a Google account for this. John was reading about trying to use google API’s to have an e-mail server to send those messages automatically, he is still investigating about that topic.

2. Our application will require the use of authentication and show different functionalities depending on the user’s permissions and we do not have too much of that knowledge.

**Plan for mitigation**: Victor has accepted to look for some examples on how to do that to attach permissions according to the username and password that might be saved.

**Update:**

**(week 6)** We will use encryption of the password so that it cannot be sniffed when transmitted between the login page and the backend database where the data will be stored. We have some examples in different programming languages but some examples about giving permissions according to their role. Further investigation being conducted.

3. We are planning on using a database to save user information, but we don’t know if it would better to use a database software or use cloud computing.

**Plan for mitigation**: We decided to ask Benard to look for information about what is more reliable to use.

**Update:**

**(week 6)** We saw that the best option is to work with cloud computing since storing data in a physical server (which we might do is we don’t use cloud) would give us so many problems since we will have to spent a lot to the maintenance of the server, so we decided to use a server in the Cloud.

The storage of data remotely is an important factor to centralize the information and be accessible from anywhere. Possible databases include MongoDB, MySQL, PostgreSQL. Another possibility is to investigate if BYI-I provides a hosted database for students.