

### Criterion E: Evaluation

Sr. No.	Target Functionality	MET/NOT MET	COMMENTS
1.	The email id and password are used to register and login the system.	MET	The online firebase database enabled me to accomplish this complexity.
2.	An email verification is sent to the user while registering. If the email is not verified, the user cannot register.	MET	The email verification system in Firebase Database allowed me to send a verification email to the particular email id.
3.	Forgot Password option also available for users who forget their password during logging in.	MET	To increase usability, a forgot password function is also available for the user. I again used the Firebase Database for this since, it connects to the entered email id and send a link to change the password.
4.	Options are displayed to select the Student Type and Gender.	MET	This was the most important filter that the client required since he wanted the students and parent to carefully choose their clothes. Through radio buttons and restricting to choose to one option at a time, the user can easily differentiate between the products it requires.
5.	Different set of uniforms are displayed according to the Student Type and Gender.	MET	The user can easily choose the options he or she wants without getting disturbed. I achieved this functionality with basic if-else statements. It could be performed using the switch case. However, if-else is preferable because less string variables have to be included.
6.	The data is stored in database.	MET	The data is stored in the My SQLite Database.
7.	The quality and size options are available with a limit.	PARTIALLY MET	I used a Min-Max Filter class to apply a limit to the entered value. It worked for quantity however, it didn't for size because it didn't take double digit inputs.
8.	The uniform items selected by the user must be added to the cart.	MET	The selected item is only added to the cart displayed in the cart page. I achieved this by creating an <b>Array List</b> of all the items to be added.
9.	The client and user will receive an email notification on top of the screen when the order is placed.	MET	A mail notification is displayed at the top of the screen when a confirmed order is placed by the user.

## **Recommendations for Further Development**

The client was highly pleased with the final application. He liked the filtering method for the student type and gender because there will be less chances of wrong orders from the end-user's side now. He also appreciated the organised list view of all items in the list according to the student type and gender. The easy access to each item 's details by just clicking on the item name or that card made the product user friendly. Although the client wished for a payment system as well in the end.

There are many recommendations for the product since there is always a chance to improve. So, the upgradation that I identified are as follows.  
First, there could be a corresponding iOS application to the android application. This would increase the usability of the product and would be helpful for iOS users.

Second, while entering the size and quantity I faced issues in setting the size limit due to non-double-digit parameters. The function worked for single digits. However, it didn't for the size and that could be looked upon in the upgraded version by using some other feature like Spinners i.e. drop-down menu instead of edit text box.

Third, there could have been a payment method in the end. Payment through credit card, or an online transfer payment method could be made available too.

Fourth, I feel to keep an evidence of what had been ordered by the end- user i.e. the student or parent and to avoid confusion, a pdf file of the order could be generated pre or post the payment. The pdf file could then be mailed to both the manager and the user. The mail system in end could be incorporated with this making the order clear for the manager (client) and student/parent (end-user).

Word Count: 298