# APPENDIX E

1. A feature that allows **users** to **register** in the app to ensure that their profiles are kept separate from others'.
2. A feature which allows users to **log** in the app to ensure their feedback is unique to their username and details.
3. A clear and **structured database system** that efficiently stores all the collected data
4. A feature that allows students to **add records** to the database when they send feedback
5. A feature which allows users to **view** their **previous feedback entries**
6. Ensure a **user-friendly user interface6** is made, custom fit to my client's needs
7. A feature which allows my client to **generate pie charts** to view the number of question responses.
8. A feature which **sends** my **users** an **email** with their respective **log in details** for safe keeping.
9. A feature that **exports** the **database** to **Excel sheets** for my client to use in the weekly Student Delegate meetings.

A survey was sent to the school users who tested the application. Their responses can be summarized in the charts below.
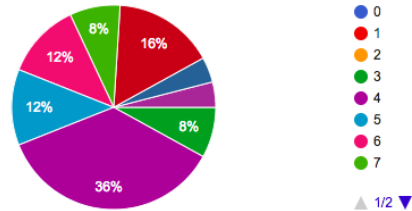
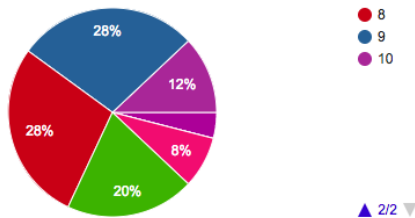### Please rate the ease of sign-up out of 10
25 responses
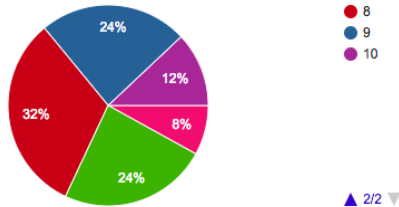
Please rate the aesthetics of the UI out of 10
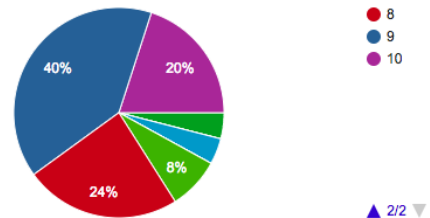25 responses

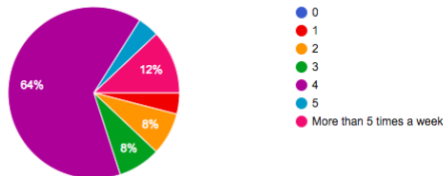### Please rate the ease of log-in out of 10
25 responses

Please rate the ease of submitting feedback out of 10
25 responses

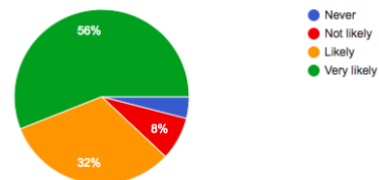### How often will you use this application per week?
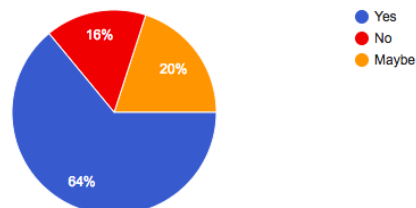25 responses

How likely are you to recommend this application to your friends?
25 responses

Do you think this application will help the leadership team make a bigger difference in the school community?
25 responses

My client, who is also the admin of the application, filled out the survey below showing that the product was well made and filled the required criteria.

1. On a scale of 1 to 5, how satisfied are you with the final product?

4. Overall, I really like the application. I think it fits the initial criteria that we came up with really well and serves the purpose of the application exceptionally. With a few changes to the user interface and minor edits to the workflow of the application, I would have given it a 5.

2. How intuitive was the Registering EXPERIENCE? (Criteria 1)

The registration process was very well designed and felt extremely intuitive. There were not too many fields to fill out, making it a very efficient and fast process. The data was also stored clearly on an online database making it a very reliable feature.

3. How easy was it to login the application? (Criteria 2)

The log in process was very easy yet still secure. Each user has a case sensitive password of 15 characters making hacking into the account very hard. However, only requiring 2 fields to log in made it an easy process.

4. How easy was it to enter, view, and search data? (Criteria 3,4, and 5)

It was very easy to enter data. Splitting the feedback pages into different pages and sections depending on the feedback category made it really to enter and store relevant data. Viewing the data was also really well done as users could click on the "view history" button. The "View History" page presented the relevant data really nicely. Searching the records was done on the back end which made the process much faster. As a client, I did not have to click on searching processes in the front end, only give the required criteria to the back end and all the searching was done on the back end.

5. How intuitive was the user interface? (Criteria 6)

The user interface felt very intuitive. The sections were split into relevant sections by changing screens; this made the application very well organized. I do think the user interface design can be improved by changing the color scheme a little and by making the buttons less edged.

6. How well was data presented as Pie charts? (Criteria 7)

I was able to see how many people answered each question using pie charts. This was very useful for future uses. The data was presented really well as each chart had a title and key. The use of different colors also enhanced the experience.

7. How useful was the email feature? (Criteria 8)

The email feature was also very useful as it allowed the users to store their log in credentials. The email sent was short and effective.

8. How effective was the excel file feature? (Criteria 9)

The excel file feature was clearly very complex as it required the searching and presenting of the relevant database records. Creating an excel file was very professional and the data can be used in our leadership meetings to provide evidence of student needs. I think as further improvements, if the excel file could auto generate charts from the exported objective data, then it would make the process easier.

Student Delegate Feedback Application Client Feedback Summary

SK Suyash Kothari   ↰ ↪ Reply all | ⌄

Dear [

Thank you so much for completing the Student Delegate Feedback Application. I am sure it will help the leadership make a bigger impact in the school community. I have answered your survery for a more detailed response; however, I wanted to take this opportunity to give you a summary of my thoughts and opinions.

The best thing I liked about this application was how it was structured. Everything from the Log-In to Compiling reports felt very intuitive and easy to use. All the buttons linked very nicely and were clearly labeled. I am sure there must have been a lot of back end coding that has gone into this, but I wanted to commend you on your ability to present the data as graphs and especially giving me (as a singular admin) access to view the database through an Excel report. This will be a very powerful feature for the leadership team. I also want to appreciate the "view history" feature. As discussed, I think it is crucial for students of the school to be able to monitor their past survey entries to compare how their feedback has developed over time. The UI for the history page looks really good.

Whilst the application did a really good job in achieving its purpose, I think there are a few suggestions for improvements. Firstly, I think the colour scheme could be improved a little. Although I did suggest these colors, it looks a little different to that I expected. Another suggestion to expand this application in the future could be integrating additional features such as being able to send pictures using the phone camera. This would be very helpful if students are giving feedback on topics like "Canteen Food". Moreover, if there was an option for members of staff or the leadership team to create their own future surverys and put them on the app for students to answer, it would allow greater flexibility and longevity in the application. Having said all of that, I would like reiterate that you have done an excellent job in making this application and I am very excited to introduce it to the rest of the leadership team.

Kind Regards,
Suyash Kothari (Senior Delegate of the Student Leadership Team)

<u>As the text above is very small, I have copied and pasted the text from the email below:</u>

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Kind Regards,
Suyash Kothari (Senior Delegate of the Student Leadership Team)

Advisor Final Comments Summary

MC Munyee Chong 👍 ↩ Reply all | ⌄

Hi

I am writing this email to give you feedback on the technical aspects of your application. Overall, I think the data was stored effectively in clearly structured databases. It is clear that you learnt a lot by using the retrofit class and complex features of object oriented programming like custom interfaces. In the future, I think you could add additional features to your application like deleting the user feedback data. Currently, you can only delete accounts. The next step would be to allow users to delete or edit their previous data.

Kind Regards,

Ms. Chong