

Criterion A: Planning

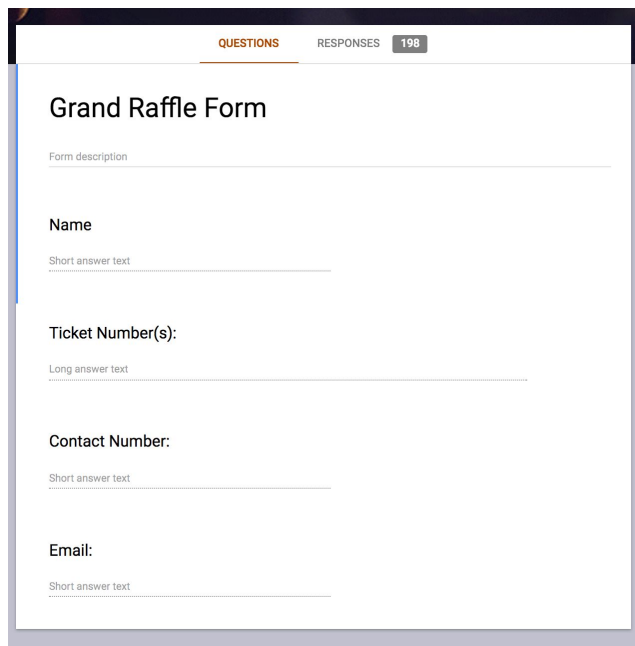
The scenario (91 words)

My school hosts an annual Battle of the Bands (BoB) showcasing musically talented students. My client is the director of BoB, Ms. Lopez, who is in charge of overseeing the entire event, for any issues that the BoB team has faced during the event. My client claims (Appendix) that problems occur mostly in the raffle and the schedule and voting. She mentioned that the committee has too many tasks to do during the event that it is difficult to vote for their favourite performer, choose a raffle winner, and be updated with the schedule.

Initial consultation with client and/or adviser (125 words)

In reference to the email response and the interview (see Appendix) I had with my client, we discussed the following issues:

- The organisers have a difficult time choosing the raffle winner as members of the team are not always by the raffle spinner during the raffle period. Thus, delaying the event.
- The organisers are never able to visit the voting booth, this is because the layout of the event has made it difficult for all committee members to vote.
- Some performers take less time than allotted while others use the entire time given, making the schedule run differently than expected. This makes it difficult for the all organisers to be aware of any schedule changes, especially since there are too many members in the committee.



The image shows a screenshot of a Google Forms interface. At the top, there are tabs for 'QUESTIONS' and 'RESPONSES' with a count of '198'. The form is titled 'Grand Raffle Form'. Below the title, there is a 'Form description' field. The form contains four input fields: 'Name' (Short answer text), 'Ticket Number(s):' (Long answer text), 'Contact Number:' (Short answer text), and 'Email:' (Short answer text).

The proposed product (103 words)

Therefore, the client and I discussed that creating an Android app using android studio is the best solution. An android software is the most suitable for this app since the event will be held in an open field, where the organisers will only have their phones with them. Android is suitable application for the school since most of the organisers use an Android device. An app is also more suitable text messaging because the organisers use different mobile plans, making it costly for the organisers just to be updated. Therefore, an android app will save the organisers money and be updated with the schedule. Lastly, the app will be multifunctional, thus, it is useful for different members of the committee.

Specific performance (success) criteria (153 words)

	Success criterion
1	User login: When the app is launched, a user login page will appear. Users can login with their email and password as an administrator. If non-admin, main activity will not launch. The data is checked with the database.
2	User signup: Users are able to enter an email, name, password and can add a secret key that is will be checked upon login
3	Users can switch between windows: Users should be able to use a Navigation Bar to switch between raffle, voting, and schedule windows
4	Users can update schedule information: By clicking a button to send a request to the database that changes the schedule information
5	App can select a winner: Administrators can press a button that randomly selects a winner for the raffle.
6	Users can have raffle numbers: Users will have their raffle numbers linked to their user profile on the database
7	Users can vote: Admins can vote for their favourite performers by choosing from a drop down menu.