CENG-322 Deliverable 6

<u>Team #1</u> - Algaerithms Inc.

Project name - Phytoplankton-based air purifiers

| Name | Student ID | Github ID | Signature | Effort |
|--------------------|------------|-----------------------|-----------|--------|
| Julian Imperial | N01638310 | JulianImperial8310 | J.I | 100% |
| Dhairya Pal | N01576099 | DhairyaPal6099 | D.P | 100% |
| Sanskriti Mansotra | N01523183 | SanskritiMansotra3183 | S.M | 100% |
| Dharmik Shah | N01581796 | DharmikShah1796 | D.S | 100% |

Brief description of the project - A smart and eco-friendly air purification system that uses phytoplankton to naturally convert CO₂ into oxygen. The system connects with an Android app for real-time monitoring, automated alerts, and sustainability-focused feedback.

Github repo link - https://github.com/Algaerithms-Inc/PhytoplanktonAirSystems

List number of commits for each member for this sprint only. Create a table:

| Team member (Commits) | Julian Imperial | Dhairya Pal | Sanskriti Mansotra | Dharmik Shah |
|-----------------------|--------------------|-------------|-----------------------|-----------------|
| August 7 | 0 | 0 | 0 | 0 |
| August 8 | 0 | 0 | 0 | 0 |
| August 9 | 0 | 5 | 2 | |
| August 10 | 0 | 6 | 10 | 0 |

Describe in detail, the work that has been completed by each team member since Aug 7th.

Dhairya – Took ownership of resolving last-minute resource conflicts and bug fixes to ensure a smooth final build of the application. He created the Android keystore and handled the technical steps required for a secure app release. Dhairya then successfully uploaded the app to the testing platform and coordinated the onboarding of testers by sending out invitations.

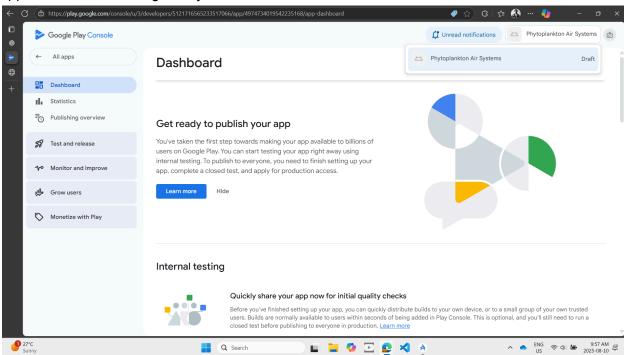
Dharmik – Focused on completing the final design and functional touchups for the dashboard, ensuring it was polished and user-friendly before release. He collaborated with the team to align

the UI with the overall app experience. Once the dashboard was finalized, Dharmik assisted in the distribution process by inviting testers to try out the app.

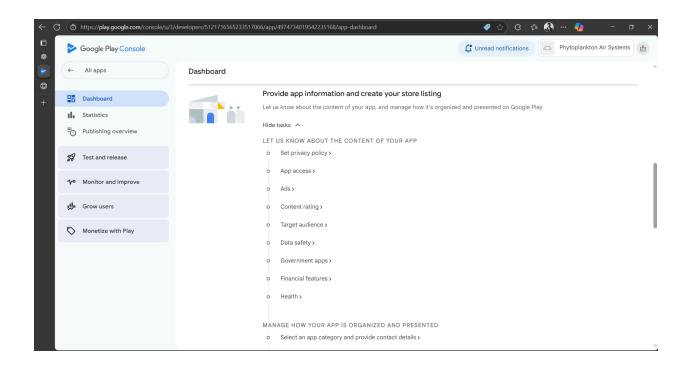
Sanskriti – Developed and published the required compliance webpages, including the account deletion page and the privacy policy, to meet platform and user requirements. She ensured these pages were properly linked and accessible from the app. In addition, she took part in distributing the app by inviting testers and gathering initial feedback.

Julian – Contributed directly to the completion of the final deliverable, assisting in areas where additional support was needed to meet the deadline. He collaborated closely with team members to wrap up pending tasks. Afterward, Julian also took responsibility for inviting testers to the app and helping with the rollout phase.

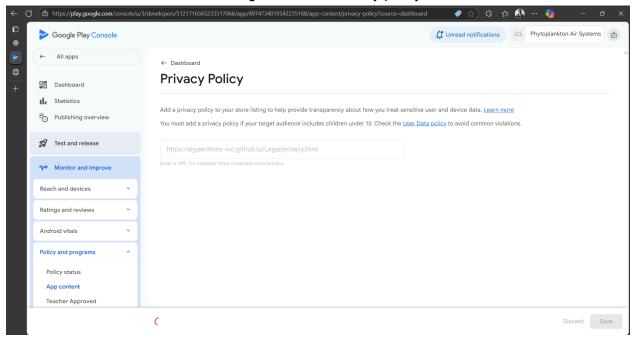
13. Provide screenshots on how you uploaded into Google play. Provide screenshot of the App submission into Google Play, and screenshot showing the status. Also show clearly the date the app submitted into Google Play.



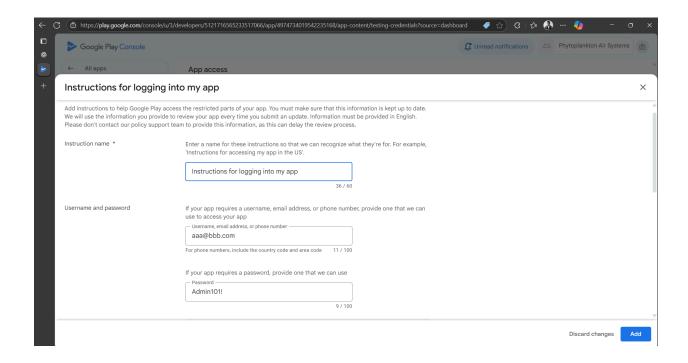
I went to Google Play Console, signed in as the email used to create the developer account, and clicked on Create an App. I named the app 'Phytoplankton Air Systems' and chose the app language and whether it's free or paid, and then it landed me here.



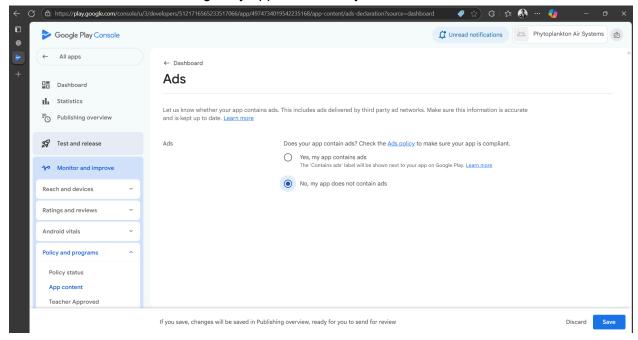
I filled out these details then - including the link for Privacy policy:



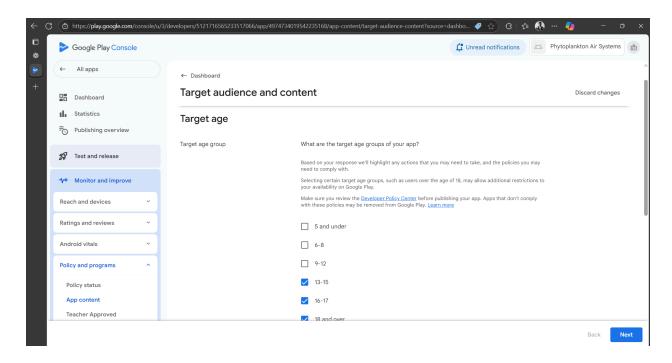
Then I submitted the credentials aaa@bbb.com and Admin101! For app testing:



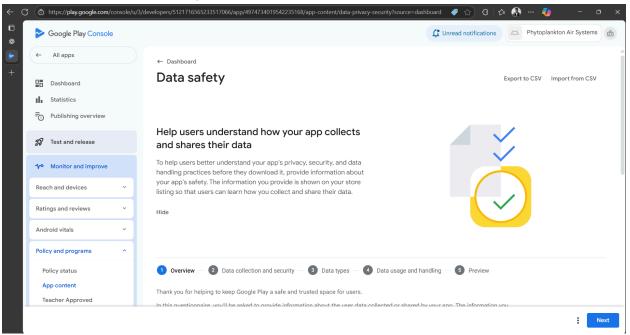
Then I filled out the form asking if my app contains any ads:



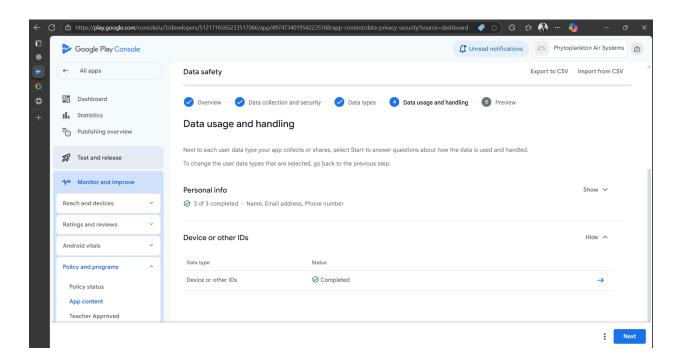
Then I submitted the content ratings form, the screenshots for which are under number 18. Then I filled out the target age and audience questionnaire:



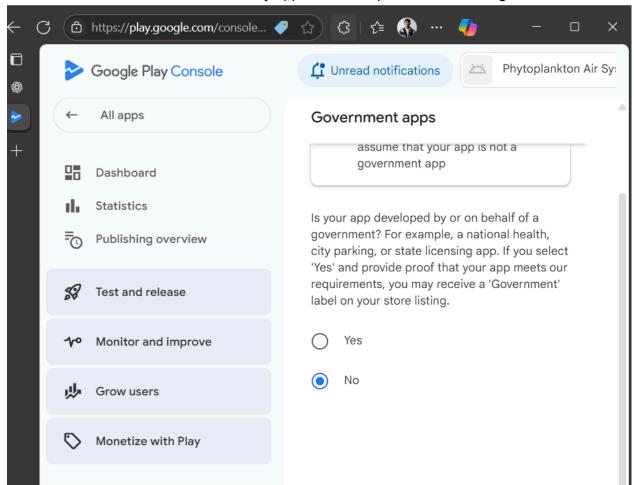
Then I filled out the Data safety form:



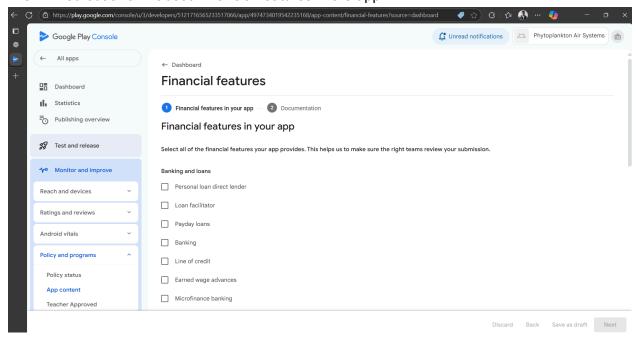
And a questionnaire for how my app is using the data it's collecting:



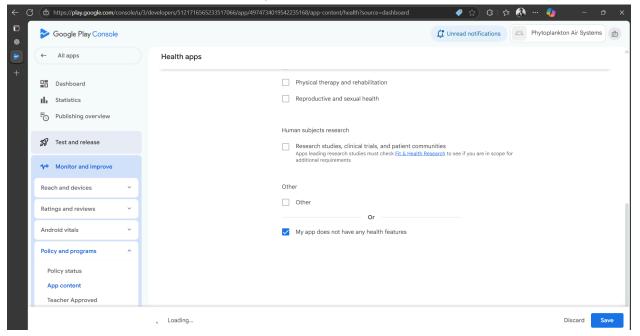
Then I filled out a form about whether my app was developed on behalf of a government:



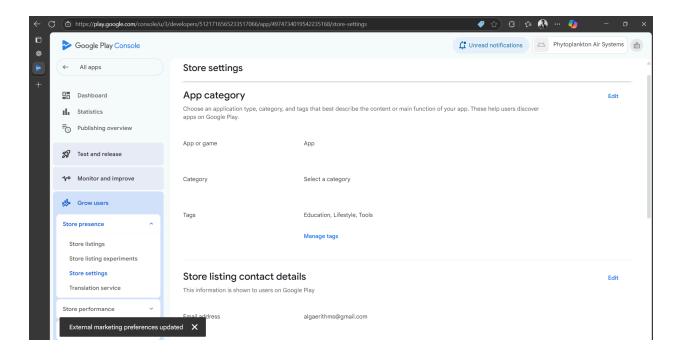
Then I filled out a form about Financial features in the app:



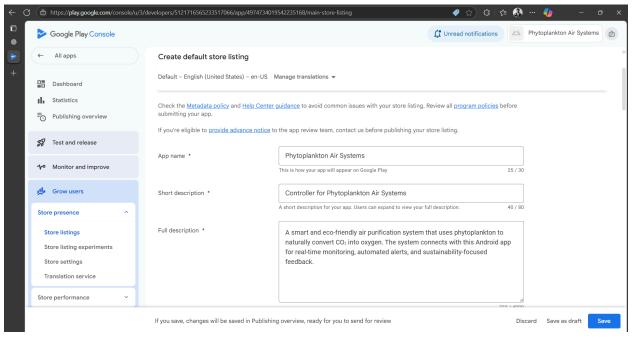
Then I filled out a form about whether my app is a Health app:

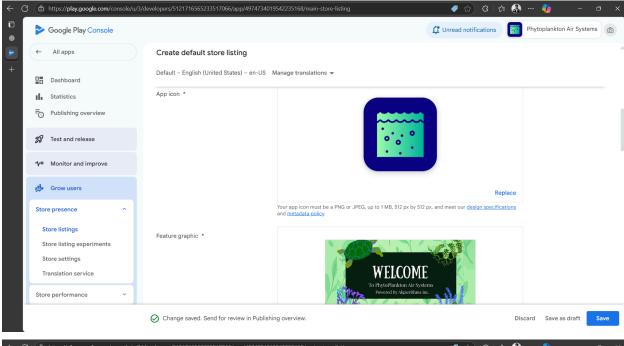


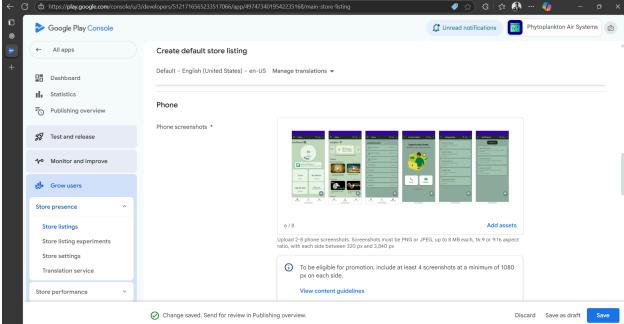
Then I filled out a form about selecting an app category and providing contact details:



Then I filled out a form for selecting a store listing and uploading playstore icon and graphics and phone screenshots:

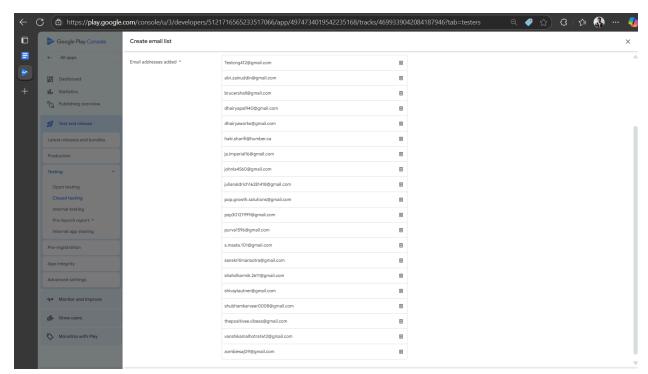






After all these 11 steps, I moved to closed testing phase - there was another one called internal testing but that was optional so I directly moved to closed testing, inviting 20 users to test my app.

14 & 15. For closed testing of 20 testers, invite me using Testcng412@gmail.com and haki.sharifi@humber.ca. Take screenshot showing you have invited at least 20 testers, including the emails above.

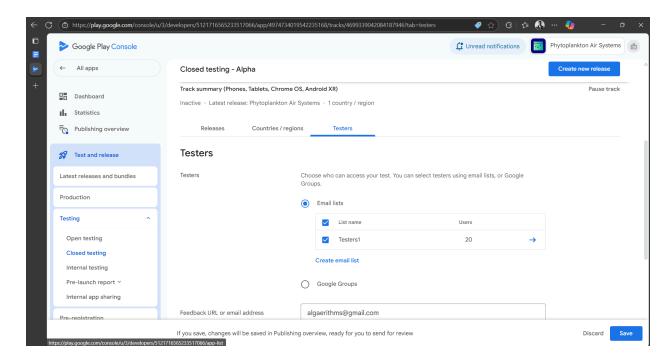


Upload CSV file

Email addresses added * Testcng412@gmail.com Ш alvi.zainuddin@gmail.com II brucershall@gmail.com Î dhairyapal940@gmail.com Î dhairyaworks@gmail.com III haki.sharifi@humber.ca III This email address doesn't exist III johnla4560@gmail.com III julianaldrich16281418@gmail.com III pop.growth.solutions@gmail.com III psp30121999@gmail.com Î

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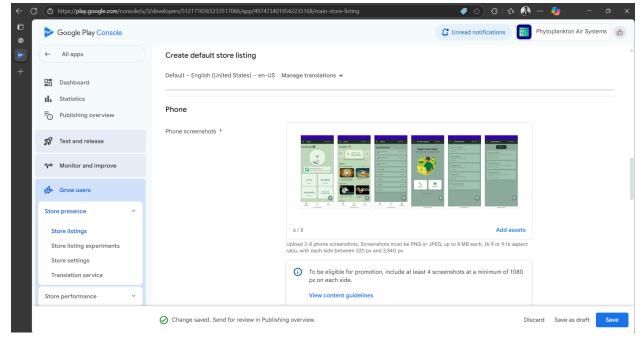
Couldn't invite haki.sharifi@humber.ca.



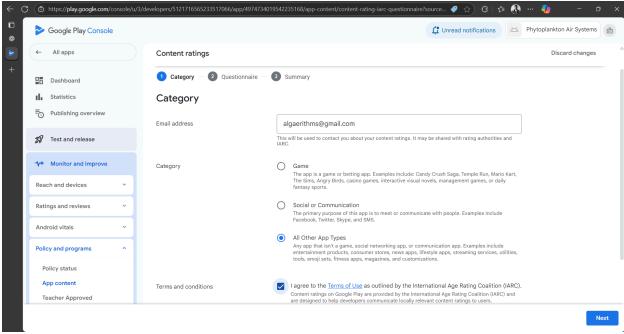
16. Take screenshot of minimum of 6 tester's feedback.

We have to wait 14 days to apply for production - before that all feedbacks are private and not shared with the developer.

17. Screenshot of the phone sample screens that were submitted.



18. Screenshot of the content ratings.

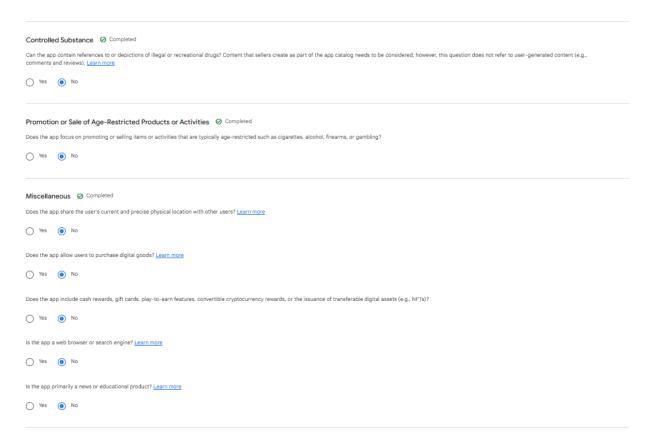


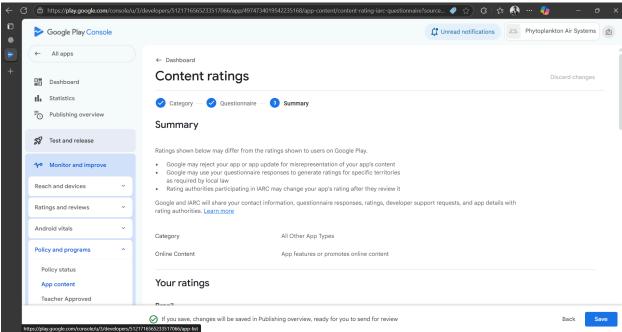
Content ratings Discard changes ✓ Category — ② Questionnaire — ③ Summary All Other App Types Does the app contain any ratings-relevant content (e.g., sex, violence, language) downloaded as part of the app package (code, assets)? Learn more Yes (No User Content Sharing O Completed Does the app natively allow users to interact or exchange content with other users through voice communication, text, or sharing images or audio? Learn more Yes (a) No Online Content O Completed Does the app feature or promote content that isn't part of the initial app download, but can be accessed from the app? Examples of this type of content are movies in the Netflix app, product listings in the Amazon Shopping app, songs in the Spotify app, generated Al content, or news articles in the New York Times app. Learn more Can the app contain violent material? Content that sellers create as part of the app catalog needs to be considered; however, this question does not refer to user-generated content (e.g., comments and reviews). Learn m Sexuality @ Completed Can the app contain sexual material or nudity (except in a natural or scientific setting)? Content that sellers create as part of the app catalog needs to be considered; however, this question does not refer to user-generated content (e.g. comments and reviews). Learn more Yes

No Language @ Completed Can the app contain any potentially offensive language? Please note that this does not refer to user-generated content. Learn more

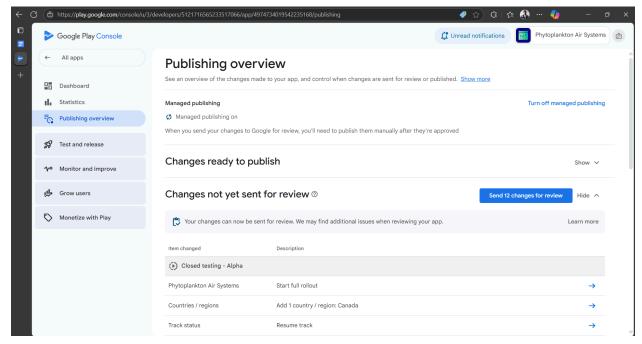
Yes

No



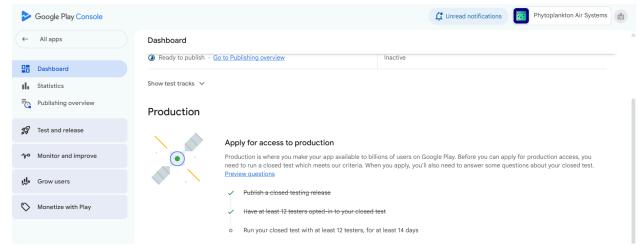


19. Document the date when the app was initially submitted into Google Play.

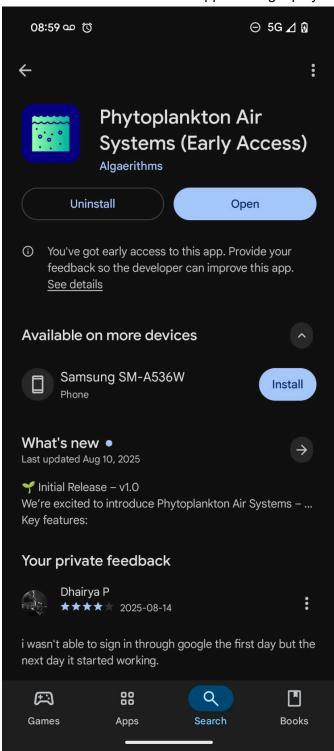


Sent for publishing review on August 10, 2025 at 3:20 pm.

- 20. Document the date for subsequent submission, and why you had to resubmit. We didn't have to resubmit.
- 21. Document when the app was available for testers to download. The next day, August 11, 2025, the app was ready to publish and very briefly after it was ready for testers to download.
- 22. Document when the app was finally available for external people to download. The test has to be run within the closed testers for at least 14 days before it can be applied for production. We have all the testers, it's just about time now.



24. Provide screenshot of the App in Google play with the reviews.



25. Provide a link of the app in Google Play. (PLEASE USE testcng412@gmail.com) https://play.google.com/store/apps/details?id=ca.algaerithms.inc.it.phytoplanktonairsystems

26. Provide screenshot of the reviews that are available on the developer portal. Reviews are available only when the app is released in production, which we need to wait 14 days for.