

Project Requirements - ARC

Functional Requirements

ML API:

- 1) Be able to accurately identify cannabis packages with an accuracy of >99%
- 2) Be able to pull text off of the images to gather more data from the packaging
- 3) Be able to continuously retrain with images uploaded from users

Web App:

- 1) Allow a user to take a photo or upload an image of cannabis packaging
- 2) Have a clean user experience
- 3) Able to run on all devices
- 4) Stretch goal: Add gamification so users are rewarded for uploading images

Technical:

- 1) Integrate the API and Web app cleanly
- 2) Integrate existing code into Amazon AWS, while keeping it portable, (don't want to be stuck on a service)

General Goals:

- 1) Should be able to run completely automated and not need any manual corrections
- 2) Should look nice and respond well, there's no point in doing all this work if it is going to look ugly at the end.