CS 153 Project Proposal
Mapping the density of flowers on California buckwheat plants

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1. Motivation

Clearly explain in your own words the overarching motivation of the project from a scientific or engineering perspective. What do you hope your project will do when you are done? This doesn't need to be monumental or reinvent the project description you were provided, it's just helpful to get practice in articulating research goals.

The motivation for this project is...

Proposed by Professor Matina Donaldson-Matasci at Harvey Mudd College.

Citation example [1].

2. Methods

Present a proposed method of approach. This should be grounded in current practices in computer vision; you do not need to reinvent everything from scratch, but rather figure out what existing tools and components make sense to apply to your project and refine to provide your particular implementation.

Annotation

3. Measuring success

Present a plan to measure the success of your efforts. This should include a description of the data you have been provided and how you expect to use it, and how you will quantify the behaviour of your method in the context of your project goal.

4. Challenges

Explain any potential challenges you foresee, constraints you expect you might need to introduce to simplify the problem and make it more achievable, or, if appropriate, present any hypotheses (with analysis from supporting references) you have on your expected outcomes.

References

[1] FirstName Alpher and FirstName Fotheringham-Smythe. Frobnication revisited. *Journal of Foo*, 13(1):234–778, 2003. 1