# Aggregate Photo Analyzer

Mason Howard, Cameron Lowry, Katy Wanger

Team leader: Katy Wanger

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# Preface

They say a picture is worth a thousand words. But there are also a thousand words to describe a picture. We are trying to work backwards so that the end user can find that image that says all million words. Finding a particular file and matching it to similar photos and styles is something we believe that photographers want to do. With our system we will help the photographer find and catalog the photos they care about most.

# Table of Contents

1. **Overview**
   1. **Problem Statement***With photos becoming easier and easier to capture and share keeping track of those photos and what they are becomes more and more difficult. There are many ways to keep and save photos but with the millions of photos being taken every year it is easy to lose that “one” photo in the many.*
   2. **Purpose, Scope and Objectives***We have devised a way to allow photographers to catalog and organize their photos in way not possible before on a personal consumer level. Our goal is to take the popular idea of tagging and merge that with the ability to search based off of characteristics.*
   3. **Project description**
      1. **Interface Requirements***Describe hardware and software used in the project*
      2. **Functional Requirements***Describe each of the project’s functionalities as well as provide insight as to how it will be implemented.*
      3. **Nonfunctional Requirements***Detail expectations in safety, security, and performance.*
   4. **Assumptions and Constraints***We assume that all of the information we are hoping to catalogue will be available. We are basing this assumption off of the fact that almost all cameras save their details about iso, f-stop, etc… that we are after.*

*We**are currently being constrained by the fact that our photos are very large and we are having to work with thumbnails and shortcuts to the photos themselves, if a person moves the pictures within their own system this will create issues in our registry.*

*Add something about our team being students and only 2 of us now.*

* 1. **Project Deliverables***Include list of documentation, proposal, and actual system.*
  2. **Schedule Summary***Provide a time frame for when each task should be completed. (will reference previously made project plan)*

1. **References***If we refer to any books, websites, resources, etc. we will cite them here.*
2. **Definitions***Any technical jargon that the reader cannot be expected to know, or any terms that need to be defined within the context of this project should be listed here.*
3. **Project Organization**

*List people involved here as well as their general responsibilities*