RAWFlash: A cloud based RAW image editor

Student Name: Ryan Collins Supervisor Name: Dr Tom Friedetzky

Submitted as part of the degree of [MEng Computer Science] to the Board of Examiners in the Department of Computer Sciences, Durham University

March 25, 2018

Abstract —				
Context/Background				
Aims				
Method				
Results				
Keywords — Put a few keywords here.				
I INTRODUCTION				
A Applications of RAW Image Editing				
B Problems with Current Implementations				
C Project Objectives				
II RELATED WORK				

A RAW files, and parsing

В	Existing Solutions		
C			
	III SOLUTION		
A	Client-Server Communication Protocol		
В	Rendering Server Structure		
C	Web Editor Functionality		
D	Storing User Images		
E	Managing a big system		
F	Unit Testing Issues with Image Processing		
	IV RESULTS		

A Comparison With Other Editors

Testing the system against Lightroom, Darktable and RawTherapee, testing the image output compared to these, and also performance based tests compared with traditional native software. TODO: Mention specs of the machine.

B User Testing

Get User Comments on system

 \boldsymbol{C}

V EVALUATION

- A Application to Web Content Management Systems
- B Benefits of Portable Image Editing
- C Performance Issues and Improvements

VI CONCLUSIONS

This section summarises the main points of this paper. Do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions. This section should be no more than 1 page in length.

The page lengths given for each section are indicative and will vary from project to project but should not exceed the upper limit. A summary is shown in Table 1.

Table 1: SUMMARY OF PAGE LENGTHS FOR SECTIONS

	Section	Number of Pages
I.	Introduction	2–3
II.	Related Work	2–3
III.	Solution	4–7
IV.	Results	2–3
V.	Evaluation	1-2
VI.	Conclusions	1

References