Background and Specification Report

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Contents

1 Introduction **1**

2 Background **2**

3 Design **2**

4 OCR **2**

5 String Manipulation **2**
5.1 SHA- Algo 2
5.2 B-K Algo 2

6 Photo Manipulation **2**
6.1 Border Detection 2

7 Bin packing **2**

8 Financial Reports **2**
8.1 Burn Down 2
8.2 Budget Management 2

9 Evaluation **2**

10 Conclusion **2**

1 Introduction

The aim of this project is to simplify the process of claiming expenses. The current process for making expense claims is often cumbersome and time consuming. An American Express [1] study showed that depending on business complexities, and practices and procedures in place, companies spend on average US$36.46 to process a single expense report. An Expense system that enables the user to complete an expense claim simply and efficiently, minimising the cost, of both time and money, involved is needed.

It is proposed to take advantage of Optical Character Recognition (OCR) technology to capture the data of a receipt. This will be achieved by taking a photograph of the receipt using a mobile device.

1. Photograph the receipt
2. Process by OCR
3. Automatic String matching
4. User confirm matches
5. Export expense claim

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