# GroceryMate

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| |  | | --- | | Daniel Maguire | | Bsc (Hons) Computing w/ Software Development | | C#, Xamarin Android, Azure App Service, LINQ, Google Vision, Language Processing, Restful APIs, Azure SQL | |  |

## Project Overview

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| GroceryMate is a financial tracking app available on android. Users can scan their receipts from various supermarkets (like Tesco or Lidl for example) using Google Vision optical character recognition creating a virtual history of receipts for month on month analysis of spending. Created receipts will be compared against Tesco’s product database for similar items and whether they are cheaper there or in the store the receipt is from. It is also possible to directly query Tesco for items and add the desired items to a receipt.  The Xamarin android application speaks to an App Service API backend deployed in azure and to Google Vision and Tesco API. Data is then passed from the App Service to Azure SQL for storage. User Authentication is handled by Microsoft account sign on. There are plans to have an ASP.net web application for administrators to review all users collective receipt data (valuable information for consumer spending). |

## Screenshot

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