

Software Requirements Specification

Cross-Platform Expense Tracker Application (Initial copy)

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1. Introduction

This section gives a scope description and overview of everything included in this SRS document. Also, the purpose for this document is described and a list of abbreviations and definitions are provided.

2. Purpose

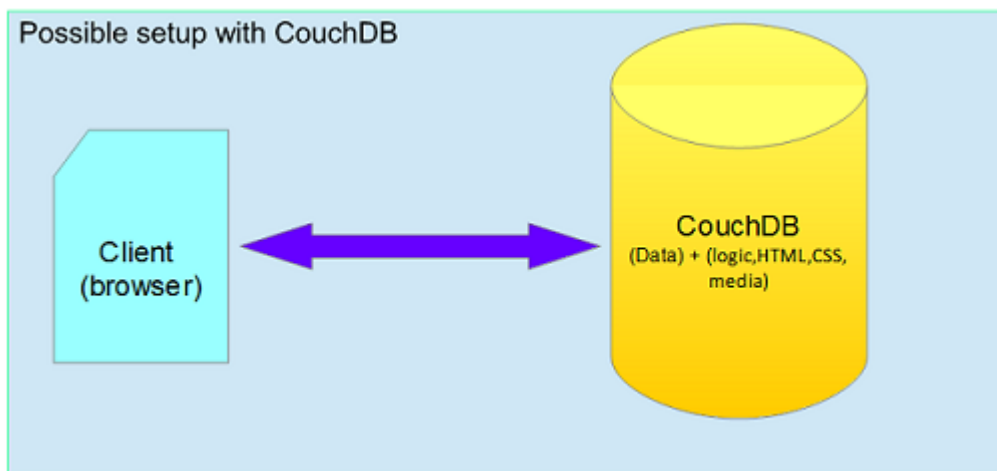
The purpose of this document is to give a detailed description of the proposed cross-platform (Android/iOS/ PWA) expense tracking application software. It will also explain system constraints, interface and interactions with other external applications. This document is primarily intended to provide a road map for developing the first version of the system.

3. Scope

The 'Expense Tracker' is a single-code-sharing web/ mobile application which helps people to keep track of their daily expenses over a given period of time. The application should be free to download from either a mobile phone application store or similar services and also run on the web browser as PWA. The users can log into the app, record a given expense, filter the expenses based on the date, or a given merchant. Furthermore, the application should be able to operate both 'ON' and 'offline' in the case of PWA. All system information is maintained in a database (CouchDB).

4. Overall description

This section will give an overview of the whole system. The system will be explained in its context to show how the system interacts with other systems and introduce the basic functionality of it.



5. External interface Requirements

This section provides a detailed description of all inputs into and outputs from the system. It also gives a description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.

Expense Tracker				About	Login
Filter					
\$0.00 (Observable expense total)				Add New	
Date	Merchant	Total	Comment	Actions	
1/10/2019	MacDonald	\$100	Lunch	Edit	Delete
1/10/2019	Movie Theatre	\$20	Theatre expense	Edit	Delete
2/10/2019	Ride share	\$40	Taxi ride	Edit	Delete
				5	Of 10

Login Page:

User name

Password

Log in

Not registered? Click here

Add/Edit Expense:

Date

Merchant

Total

Comment

Add

cancel