

# Ultimate Currency And Unit Of Measure Converter

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## High Level Requirements Document

Version 1.4

Date: Sept 29th, 2024

### Project Identification

Project:	Ultimate Currency And Unit Of Measure Converter
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### Contributors

*The following individuals contributed to this document.*

Name	Title
Justin Yeh	Team member
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### Distribution

*This document is distributed to all the following people.*

Name	Title
Justin Yeh	Front-end developer
Luilson Sousa	Back-end developer
Fab Pisco	Back-end developer
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### Referenced Documents

*This document refers to the following materials*

Version number	Title	Author	Date	Source / Location

### Revision History

## HIGH LEVEL REQUIREMENTS Ultimate Currency And Unit Of Measure Converter

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Version Number	Revision Date	Summary of Changes	Modified by

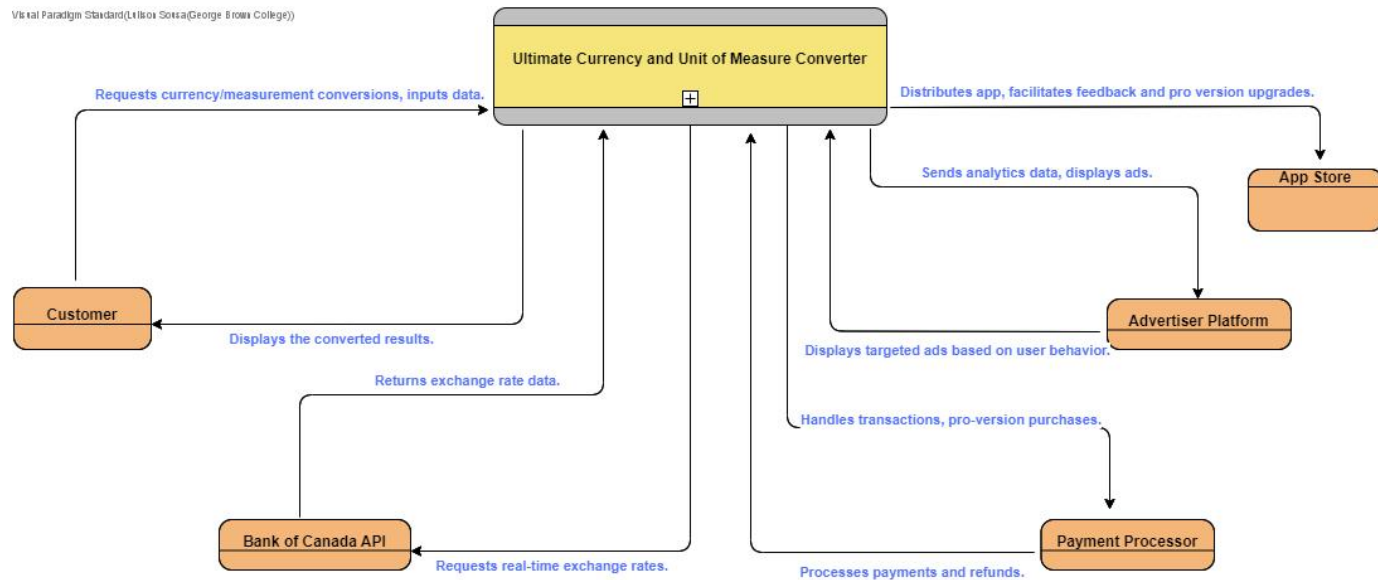
*[Note: It is recommended that drafts be numbered 0.1 to 0.9, and that the first approved version be numbered 1.0. Thereafter, new version numbers will depend upon changes: 1.01, 1.1, etc for minor updates, 2.0, 3.0 etc for major changes.]*

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## 1. Business Context Diagram

Visual Paradigm Standard (Liliana Souza (George Brown College))



Requirement Scope Area	Description
Legal	We are not responsible for any errors that this tool may produce. Users can use this tool to their own discretion.
Technical	Will only support Microsoft Edge, Google Chrome and Safari browsers.
Functionality	Will convert foreign currency to Canadian currency. Real-time exchange rate from the Bank of Canada will be implemented if time permits.

External Entity	Description
Customer	Downloads the app to use the conversion feature, provides feedback and makes upgrade to pro version for more features.
App store	Approval of access to the marketplace, distribute the downloads, and ease the experience process.
Partners agreement	Share data for marketing affiliation with users' knowledge and approval.
Advertiser platform	Show ads in free version and get analytics on the day-to-day operations.
Payment process	Handle all disputes, refunds, and payments between customers and app services

Information Flows	Description
Client to Application Server to API Server	Getting a response from the API server on the currency chosen by the user
API Server to Application Server to Client	Retrieving data from an API for a specific currency the user selected
Client to Application Server to Image Server	Retrieving any images to display on the webpage
Image Server to Application Server to Client	Displaying any images on the webpage that the application server requested
Client to Logging Server	Log information on users visiting the website and how they use the web application.

## 2. Requirements Scope Statements

HLR#	Description	Priority (H, M, L)
HLR01	The system shall allow users to input values in a foreign currency and convert them to Canadian dollars using a provided exchange rate	H
HLR02	The system shall allow users to convert between different units of measure based on regional variations	M
HLR03	The system shall provide a simplified user interface that allows easy selection of conversion units and exchange rates from drop-down lists	H

## 3. High Level Business Requirements Sign-Off

*The undersigned acknowledge their agreement with the contents of Version 1.3 of the High-Level Requirements document for **Ultimate Currency And Unit Of Measure Converter***

*Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.*

Name	Project Role and Functional Area	Date Signed
Justin Yeh	Front-end Developer	Sept 20 <sup>th</sup> , 2024
Luilson Sousa	Back-end Developer	Sept 20 <sup>th</sup> , 2024
Fab Pisco	Back-end Developer	Sept 20 <sup>th</sup> , 2024
Kevin Lapointe	Front-end Developer	Sept 20 <sup>th</sup> , 2024

*\* Note: physical signatures are not required. Email approvals are acceptable and should be appended to project documents.*